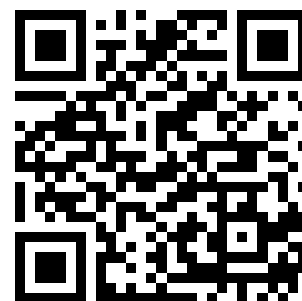
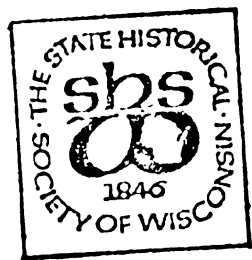

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1874

ESTABLISHED 1861

FIFTY-SIX YEARS

INCORPORATED 1885

GENERAL CATALOG No. 5

WM. FRANKFURTH HARDWARE Co.

JOBBER AND IMPORTERS
OF



HARDWARE

CUTLERY, SPORTING GOODS, FISHING TACKLE,
BICYCLES AND BICYCLE SUNDRIES, AUTOMO-
BILE TIRES AND SUNDRIES, MECHANICAL TOYS,
ELECTRICAL LAMPS AND FIXTURES, TINWARE
AND ENAMELED WARE, TIN PLATE, SHEET
STEEL MATERIAL, METALS, ETC.

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116-118-120-122 CLYBOURN ST.

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YOU GET MORE WORTH FROM
Frankfurth

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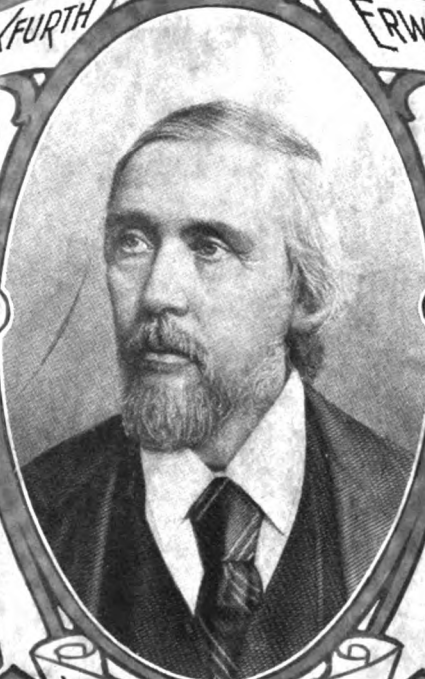
LORENZ FRANKFURTH



ERWIN FOERSTER



WM. JAHNS.



WM. FRANKFURTH.



LORENZ MASCHAUER



FRANK S. ROST



RUDOLPH CLAUDE

Members of
THE WM. FRANKFURTH HARDWARE CO.



Clybourn Street Frontage
Nos. 116-118-120-122

MAIN OFFICES
West Water Street Frontage
Nos 119-121-123-125

THE HOUSE OF QUICK SHIPMENTS

ANNOUNCEMENT

WE take great pleasure in presenting to you our No. 5 General Catalog, which represents the many additions and complete assortment we have added in all departments, and in making these additions our aim has been to supply goods of merit and "Quality." Our Goods are the product of the most reliable mills and factories of the Country, and we call your particular attention to our many special brands, manufactured from the best materials obtainable by experienced mechanics, and finished in the highest possible manner.

Our business was established over fifty-six years ago, and we take this opportunity to express our thanks to our many customers and friends for their liberal patronage during these many years. Our aim in the future, as it has been in the past, shall be to merit a continued growth of your liberal patronage by giving you the best of service.

Our establishment is entirely modern in plan and construction, and is amply equipped with every appliance, convenience and device known, and used in up-to-date plants where the subject of quick handling of merchandise and freight on an extensive scale is made a matter of prime and essential consideration.

We earnestly solicit your orders through our representatives, as well as by *mail*, and our aim is to merit your patronage by PROMPT SHIPMENT and the COMPLETENESS WITH WHICH WE FILL ALL ORDERS. Our prices shall always be consistent with the markets and competitive lines.

Hoping that this catalog may be of service to you, and that it may aid us in accomplishing the end we desire, which is an increased business with all who receive it, we are

Yours very truly,

WM. FRANKFURTH HARDWARE CO.

THE HOUSE OF QUICK SHIPMENTS

WHY WE CAN MAKE QUICK SHIPMENTS.

Factories and Factory Warehouses located in Milwaukee which we can draw from enables us to make quick shipments.

The following lines are manufactured or carried in warehouses in Milwaukee:

ATHLETIC SHOES
AUTOMOBILE GLOVES
AUTOMOBILE SPRINGS
AUTOMOBILE SUNDRIES
AUTOMOBILE TIRES
BABY CARRIAGES
BASKETS
BATTERY CONNECTORS
BICYCLE TIRES
BROOMS
BRUSHES
BUILDING AND ROOFING PAPER
CAPS
CARBIDE
CATTLE STANCHIONS
ELECTRIC LAMPS AND FIXTURES
ENAMELED WARE
FIRE EXTINGUISHERS
GALVANIZED WARE
GAS MANTLES
GLASS
GRINDERS
HAMMOCKS
HARDWARE SPECIALTIES

HARNESS
HAYING TOOLS
JAPANNED WARE
LAWN FURNITURE
LEATHER GOODS
MATS, AUTO
NAILS, ALL KINDS
OILS
ROBES
ROPE AND TWINE
ROW BOAT MOTORS
SHEET METAL PRODUCTS
STORAGE TANKS
STOVES AND STOVE SUNDRIES
STOVE PIPE AND ELBOWS
STOVE POLISH
TACKLE BOXES, ETC.
TACKS, ALL KINDS
TINWARE, ALL KINDS
TIRES AND TIRE TUBES
TRUNKS AND SUIT CASES
VULCANIZERS
WOODEN WARE

SOME OF OUR BRANDS.

BADGER LAWN MOWERS
BADGER SKIS
BADGER SPADES
BRIGHT SPOT WASHING MACHINES
COLUMBIA GARDEN HOSE
COLUMBIA SCREW DRIVERS
COMMONWEATH LAWN MOWERS
CONGO INNER TUBES
FLYING DUTCHMAN SCYTHES
FRANKFURTH BICYCLES
FRANKFURTH'S BEST AXE HANDLES
FRANKFURTH'S BEST HAMMER HANDLES
FRANKFURTH'S BEST LEAD PENCILS
FRANKFURTH'S BEST MATTOCKS
FRANKFURTH'S BEST RAILROAD PICKS
FRANKFURTH'S BUTCHER KNIVES
FRANKFURTH'S CARVERS
FRANKFURTH'S FLYER HAND CARS
FRANKFURTH'S GRASS CATCHERS
FRANKFURTH'S LAWN MOWERS
FRANKFURTH'S POCKET KNIVES
FRANKFURTH'S RAZOR STROPS
FRANKFURTH'S SHEARS AND SCISSORS
FRANKLIN STORAGE BATTERIES
GENEVA RAZOR HONES
GENEVA SAWS
GEYSER GARDEN HOSE
GLOBE SAWS
HAND HAMMERED AXES
HARVARD LAWN MOWERS
HAVENS SHOVELS AND SPADES

HIGHLAND LAWN MOWERS
HUSTLER LAWN MOWERS
IMPERATOR LAWN MOWERS
KING OF WHISKERS RAZORS
LORENZO SHOVELS AND SPADES
MT. VERNON LAWN MOWERS
MUSKOKA LAWN MOWERS
NEPTUNE FISHING TACKLE
OUR CHAMPION AXES
OUR HAND MADE SCYTHES
OUR MAYFLOWER LAWN MOWERS
OUR PATHFINDER LAWN MOWERS
RELIANCE SAWS
ROYAL BICYCLE TIRES
SHAMROCK CARPENTER'S PENCILS
SUNFLOWER LEAD PENCILS
TRIUMPH SHOVELS, SPADES AND SCOOPS
UNEEDA LAWN MOWERS
VALLEY FORGE AXES
VILLAGE BLACKSMITH BREAD KNIVES
VILLAGE BLACKSMITH BUTCHER KNIVES
VILLAGE BLACKSMITH COLD CHISELS AND
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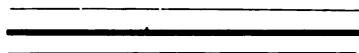
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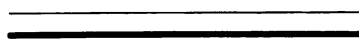
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YOU GET MORE WORTH FROM
Frankfurth

DEPARTMENT NO. 1



MECHANICS' AND EDGE TOOLS



Wm. Frankfurth Hardware Co.

MILWAUKEE

HAND HAMMERED AXES

Hand Hammered Axes are made entirely by the old fashioned **Hand Process**. The Bits are forged by hand and thoroughly hammered—in this way refining the steel as can be done in no other manner. They are ground before tempering, avoiding all danger of drawing the temper, and are not polished for the same reason. These Axes are perfectly tempered and ground ready for use.

SINGLE BITTED



No. 1—WISCONSIN YANKEE PATTERN



No. 2—MICHIGAN PATTERN



No. 3—WEDGE PATTERN

English Cast Steel, Hand Forged, Natural Fire Blue Temper, Flint Edge, Black Rust Proof Finish, Labeled.

WISCONSIN YANKEE, MICHIGAN OR WEDGE PATTERN

	Weights:	Per Dozen
Group No. 1—Assorted Weights, 3¼ to 3¾ Lbs.		\$17.00
Group No. 2—Assorted Weights, 3¾ to 4, 3½ to 4¼, 3¾ to 4¼ Lbs.		17.50
Group No. 3—Assorted Weights, 4 to 4½ Lbs.		18.00

DOUBLE BITTED



No. 10—WISCONSIN YANKEE PATTERN



No. 20—MICHIGAN PATTERN



No. 40—PEELING PATTERN

English Cast Steel, Hand Forged, Natural Fire Blue Temper, Flint Edge, Black Rust Proof Finish, Labeled.

WISCONSIN YANKEE, MICHIGAN OR PEELING PATTERN

	Weights:	Per Dozen
Group No. 1—Assorted Weights, 3¼ to 3¾ Lbs.		\$24.00
Group No. 2—Assorted Weights, 3¾ to 4, 3½ to 4¼, 3¾ to 4¼ Lbs.		24.50
Group No. 3—Assorted Weights, 4 to 4½ Lbs.		25.00

Hand Hammered Axes are Warranted Against Flaws and Imperfections.

Average Weight Per Dozen 55 Pounds.

One Dozen in a Box.

Note—When Ordering Give Number and Weight.

VALLEY FORGE AXES

Valley Forge Blacksmith Axes are made by **Hand** by the Old Fashioned Process. The Bits are forged by Hand and thoroughly hammered and patent tempered. Ground ready for use.

SINGLE BITTED.



No. 5—WISCONSIN YANKEE PATTERN



No. 6—MICHIGAN PATTERN

Refined Cast Steel, Hand Forged, Natural Forge Blue Temper, Flint Edge, Black Rust Proof Finish, Labeled.

WISCONSIN YANKEE OR MICHIGAN PATTERN.

Weights:		Per Dozen
Group No. 1—Assorted Weights, 3 $\frac{1}{4}$ to 3 $\frac{3}{4}$ Lbs.		\$17.00
Group No. 2—Assorted Weights, 3 $\frac{1}{4}$ to 4, 3 $\frac{1}{2}$ to 4 $\frac{1}{4}$, 3 $\frac{3}{4}$ to 4 $\frac{1}{2}$ Lbs.		17.50
Group No. 3—Assorted Weights, 4 to 4 $\frac{1}{2}$ Lbs.		18.00

DOUBLE BITTED



No. 50—WISCONSIN YANKEE PATTERN



No. 60—MICHIGAN PATTERN

Refined Cast Steel, Hand Forged, Natural Forge Blue Temper, Flint Edge, Black Rust Proof Finish, Labeled.

WISCONSIN YANKEE OR MICHIGAN PATTERN

Weights:		Per Dozen
Group No. 1—Assorted Weights, 3 $\frac{1}{4}$ to 3 $\frac{3}{4}$ Lbs.		\$24.00
Group No. 2—Assorted Weights, 3 $\frac{1}{4}$ to 4, 3 $\frac{1}{2}$ to 4 $\frac{1}{4}$, 3 $\frac{3}{4}$ to 4 $\frac{1}{2}$ Lbs.		24.50
Group No. 3—Assorted Weights, 4 to 4 $\frac{1}{2}$ Lbs.		25.00

Valley Forge Axes are Warranted Against Flaws and Imperfections.

Average Weight Per Dozen 55 Pounds.

One Dozen in a Box.

Note—When Ordering Give Number and Weight.

BLUE BIRD AXES

Blue Bird Axes are made of one piece of high grade special analysis steel, all the way from head to cutting edge. No miswelds, no two pieces of steel stuck together to break out while in use. Body toughened by armor plate heat treatment. Heads toughened to spring temper. Ground ready for use.

SINGLE BITTED



No. 7—WISCONSIN YANKEE PATTERN



No. 8—MICHIGAN PATTERN

One Piece High Grade Special Analysis Steel, Correctly Tempered, Fire Blue Finish, Labeled.

WISCONSIN YANKEE OR MICHIGAN PATTERN

Weights:

	Weights:	Per Dozen
Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.		\$16.00
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.		16.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.		17.00

DOUBLE BITTED



No. 70—WISCONSIN YANKEE PATTERN



No. 80—MICHIGAN PATTERN

One Piece High Grade Special Analysis Steel, Correctly Tempered, Fire Blue Finish, Labeled.

WISCONSIN YANKEE OR MICHIGAN PATTERN

Weights:

	Weights:	Per Dozen
Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.		\$21.00
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.		21.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.		22.00

Blue Bird Axes Will Not Grow Softer Each Time They are Ground.

Average Weight Per Dozen 55 Pounds.

One Dozen in a Box.

Note—When Ordering Give Number and Weight.

WISCONSIN FARMER AXES

Wisconsin Farmer Axes are made from the very best material obtainable and by the most approved method by skilled axe makers. Quality, temper and finish of this Axe is unexcelled, and has stood the test for many years. Ground Ready for use.

SINGLE BITTED



No. 9—WISCONSIN YANKEE PATTERN



No. 10—MICHIGAN PATTERN

Extra Refined English Cast Steel, Extra Full Weight Cast Steel Bit, Red Enameled Body, Gold Bronze Stripe, Polished Head and Bit, Labeled.

WISCONSIN YANKEE OR MICHIGAN PATTERN

Weights:		Per Dozen
Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.		\$15.00
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.		15.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.		16.00

DOUBLE BITTED



No. 90—WISCONSIN YANKEE PATTERN



No. 100—MICHIGAN PATTERN

Extra Refined English Cast Steel, Extra Full Weight Cast Steel Bit, Red Enameled Body, Gold Bronze Stripe, Polished Head and Bit, Labeled.

WISCONSIN YANKEE OR MICHIGAN PATTERN

Weights:		Per Dozen
Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.		\$21.00
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.		21.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.		22.00

Average Weight Per Dozen 55 Pounds.

One Dozen in a Box.

Note—When Ordering Give Number and Weight.

PLUMB AU-TO-GRAF AXES

SINGLE BITTED



Michigan Pattern.

A tag on every axe bears the personal assurance of Fayette R. Plumb that it is the best axe that can be made regardless of cost and also shows the price to consumer.

Plumb Axes are made of one piece of high grade special analysis steel, all the way from head to the cutting edge. No misswelds, no two pieces of steel stuck together to break out while in use.

The body of Plumb Axes is toughened by armor plate heat treatment. No broken, bent or bulged eyes. The head is toughened to a spring temper, will outlast the heads of three ordinary axes.

The bit is hardened all the way through to a depth of one and one-half inches. will not grow softer each time it is ground.

Uniform Price Tag—The tag bears in plain figures the price to the consumer. This is a selling help of the highest kind as it assures the purchaser that the price as shown is the one set by the manufacturer as a fair equitable figure.

Ivory Black, Highly Polished, Deep Etched, with Gold Bevels.

No. 11—MICHIGAN PATTERN ONLY
Weights:

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	Per Dozen
Group No. 2—Assorted Weights, $3\frac{1}{2}$ to $4\frac{1}{4}$ Lbs.	\$19.00
Average Weight Per Dozen 55 Pounds.	19.50
One Dozen in a Box.	

OUR CHAMPION AXES

SINGLE BITTED

A Beautiful Finished Axe that has Stood the Test for Many Years.



Michigan Pattern.

Silver Steel, Crucible Steel Bit, Extra Quality Full Weight, Full Polished and Etched.

No. 12—MICHIGAN PATTERN ONLY

Weights:

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	Per Dozen
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	\$15.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	16.00
Average Weight Per Dozen 55 Pounds.	16.50
One Dozen in a Box.	

GOOD ENOUGH AXES

SINGLE BITTED

A Good, Well Finished Axe.



Michigan Pattern.

Extra Cast Steel, Carefully Tempered, Gold Bronzed Body, Polished Head and Bit, Labeled.

No. 13—MICHIGAN PATTERN ONLY

Weights:

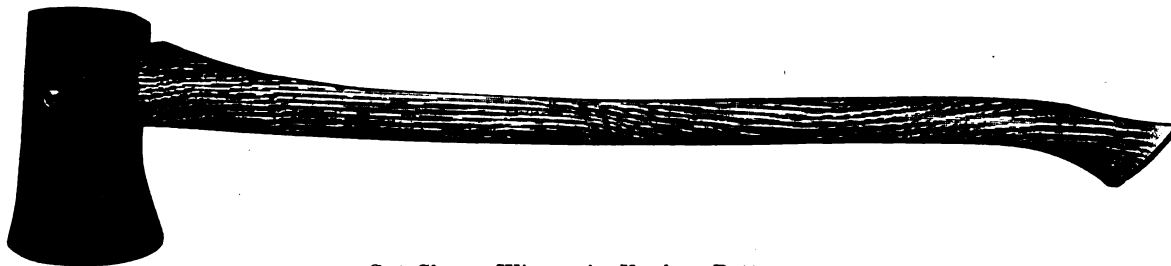
Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	Per Dozen
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	\$14.00
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	14.50
Average Weight Per Dozen 55 Pounds.	15.00
One Dozen in a Box.	

Note—When Ordering Give Number and Weight.

HANDLED AXES**HAND HAMMERED**

Hand Hammered Axes are made entirely by the old fashioned hand process. The bits are forged by hand and thoroughly hammered. In this way refining the steel as can be done in no other manner. They are ground before tempering avoiding all danger of drawing the temper and are not polished for the same reason. These axes are perfectly tempered and ground ready for use.

Note—All Our Handled Axes are Carefully Hung, Well Balanced and Will Not Get Loose.

SINGLE BITTED

Cut Shows Wisconsin Yankee Pattern.

WISCONSIN YANKEE OR MICHIGAN PATTERN

English Cast Steel, Hand Forged, Natural Fire Blue Temper, Flint Edge, Black Rust Proof Finish, Labeled.

No. 1-10H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 10 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$21.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	22.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	23.50

No. 2-10H—Michigan Pattern.

Per Dozen

No. 1-6H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 6-XXXX or Gold Medal Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$22.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	23.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	24.50

No. 2-6H—Michigan Pattern.**No. 1-18H—Wisconsin Yankee Pattern.**

Hung on 36 inch No. 18-X Lumberman's Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$21.00
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	22.00
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	23.00

No. 2-18H—Michigan Pattern.**No. 1-19H—Wisconsin Yankee Pattern.**

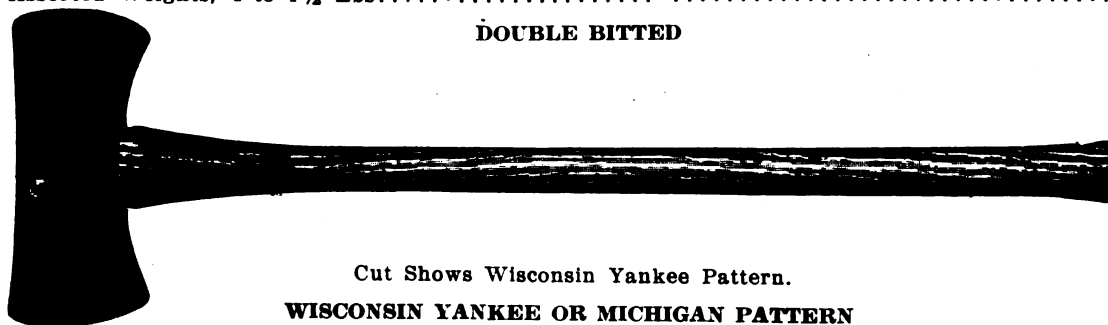
Hung on Lumbermen's 36 inch No. 19 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$21.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	22.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	23.50

No. 2-19H—Michigan Pattern.**No. 1-16H—Wisconsin Yankee Pattern.**

Hung on Lumbermen's 36 inch No. 16-XXXX Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$22.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	23.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	24.50

No. 2-16H—Michigan Pattern.**DOUBLE BITTED**

Cut Shows Wisconsin Yankee Pattern.

WISCONSIN YANKEE OR MICHIGAN PATTERN

English Cast Steel, Hand Forged, Natural Fire Blue Temper, Flint Edge, Black Rust Proof Finish, Labeled.

No. 10-100H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 100 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$28.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	29.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	30.50

No. 20-100H—Michigan Pattern.

Per Dozen

No. 10-60H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 60-XXXX Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$29.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	30.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	31.50

No. 20-60H—Michigan Pattern.

Hand Hammered Axes are Warranted Against Flaws and Imperfections.

Average Weight Per Dozen 78 Pounds.

One Dozen in a Case.

Note—When Ordering Give Number and Weight.

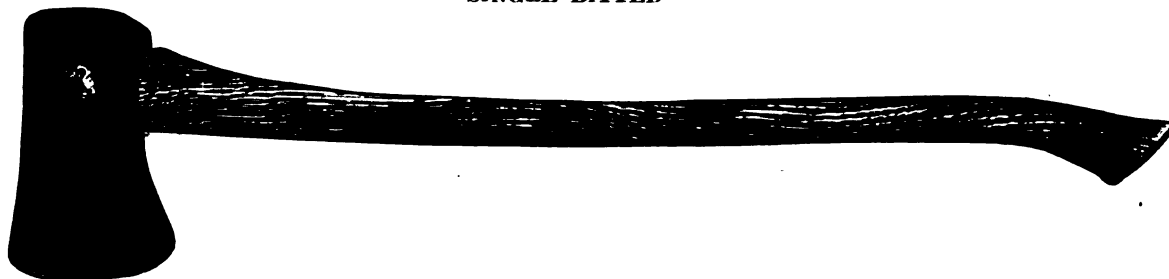
HANDLED AXES

VALLEY FORGE

Valley Forge Blacksmith Axes are made by hand by the old fashioned process. The bits are forged by hand and thoroughly hammered and patent tempered. Ground ready for use.

Note—All Our Handled Axes are Carefully Hung, Well Balanced and Will Not Get Loose.

SINGLE BITTED



Cut Shows Michigan Pattern.

WISCONSIN YANKEE OR MICHIGAN PATTERN

Refined Cast Steel, Hand Forged, Natural Forge Blue Temper, Flint Edge, Black Rust Proof Finish.

No. 5-10H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 10 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$21.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	22.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	23.50

No. 6-10H—Michigan Pattern.

Per Dozen

No. 5-6H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 6-XXXX or Gold Medal Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$22.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	23.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	24.50

No. 6-6H—Michigan Pattern.

No. 5-18H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 18-X Lumbermen's Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$21.00
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	22.00
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	23.00

No. 6-18H—Michigan Pattern.

No. 5-19H—Wisconsin Yankee Pattern.

Hung on Lumbermen's 36 inch No. 19 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$21.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	22.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	23.50

No. 6-19H—Michigan Pattern.

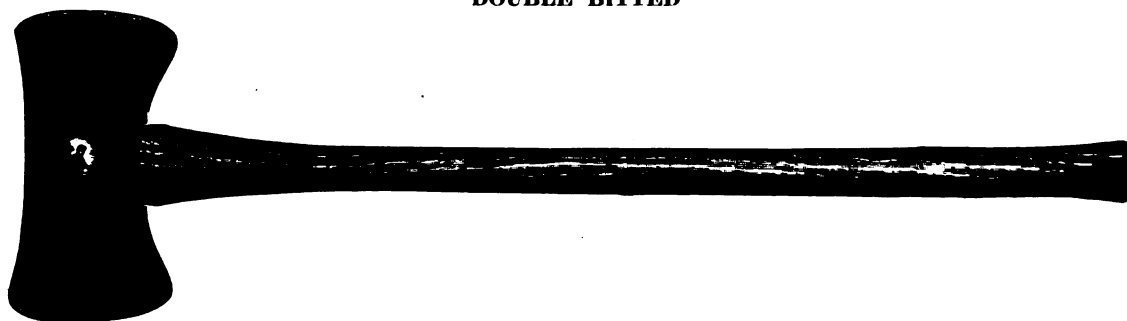
No. 5-16H—Wisconsin Yankee Pattern.

Hung on Lumbermen's 36 inch No. 16-XXXX Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$22.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	23.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	24.50

No. 6-16H—Michigan Pattern.

DOUBLE BITTED



Cut Shows Michigan Pattern.

WISCONSIN YANKEE OR MICHIGAN PATTERN

Refined Cast Steel, Hand Forged, Natural Forge Blue Temper, Flint Edge, Black Rust Proof Finish, Labeled.

No. 50-100H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 100 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$28.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	29.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	30.50

No. 60-100H—Michigan Pattern.

Per Dozen

No. 50-60H—Wisconsin Yankee Pattern.

Hung on 36 inch No. 60-XXXX Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$29.50
Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs.	30.50
Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs.	31.50

No. 60-60H—Michigan Pattern.

Average Weight Per Dozen 78 Pounds.

One Dozen in a Case.

Note—When Ordering Give Number and Weight.

HANDLED AXES

BLUE BIRD

Note—All Our Handled Axes are Carefully Hung, Well Balanced and Will Not Get Loose.



Cuts Show Michigan Patterns.

WISCONSIN YANKEE OR MICHIGAN PATTERN

One Piece High Grade Special Analysis Steel, Correctly Tempered, Fire Blue Finish, Labeled.

SINGLE BITTED

Per Dozen

No. 7-10H—Wisconsin Yankee Pattern.

No. 8-10H—Michigan Pattern.

Hung on 36 inch No. 10 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$21.00

Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$,
 $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs. 22.00

Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs. 23.00

No. 7-6H—Wisconsin Yankee Pattern.

No. 8-6H—Michigan Pattern.

Hung on 36 inch No. 6-XXXX or Gold Medal Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$22.00

Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$,
 $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs. 23.00

Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs. 24.00

No. 7-18H—Wisconsin Yankee Pattern.

No. 8-18H—Michigan Pattern.

Hung on 36 inch No. 18-X Lumbermen's Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$19.50

Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$,
 $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs. 20.50

Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs. 21.50

No. 7-19H—Wisconsin Yankee Pattern.

No. 8-19H—Michigan Pattern.

Hung on 36 inch Lumbermen's No. 19 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$21.00

Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$,
 $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs. 22.00

Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs. 23.00

No. 7-16H—Wisconsin Yankee Pattern.

No. 8-16H—Michigan Pattern.

Hung on 36 inch Lumbermen's No. 16-XXXX Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$22.00

Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$,
 $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs. 23.00

Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs. 24.00

DOUBLE BITTED

Per Dozen

No. 70-100H—Wisconsin Yankee Pattern.

No. 80-100H—Michigan Pattern.

Hung on 36 inch No. 100 Extra Oak Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$26.00

Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$,
 $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs. 27.00

Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs. 28.00

No. 70-60H—Wisconsin Yankee Pattern.

No. 80-60H—Michigan Pattern.

Hung on 36 inch No. 60-XXXX Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$27.00

Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$,
 $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs. 28.00

Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs. 29.00

No. 70-40H—Wisconsin Yankee Pattern.

No. 80-40H—Michigan Pattern.

Hung on 36 inch No. 40 Frankfurth Best Handles.

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$28.75

Group No. 2—Assorted Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$,
 $3\frac{3}{4}$ to $4\frac{1}{2}$ Lbs. 29.75

Group No. 3—Assorted Weights, 4 to $4\frac{1}{2}$ Lbs. 30.75

PLUMB AU-TO-GRAF



MICHIGAN PATTERN ONLY

Plumb Au-to-Graf Axe is the Highest Grade of Axe Ever Produced, Ivory Black, Highly Polished, Deep Etched, with Gold Bevel.

A tag on every axe bears the personal assurance of Fayette R. Plumb that it is the best axe that can be made regardless of cost and also shows the price to consumer.

Uniform Price Tag—The tag bears in plain figures the price to the consumer. This is a selling help of the highest kind, as it assures the purchaser that the price as shown is the one set by the manufacturers as a fair equitable figure.

SINGLE BITTED

No. 11-6H—Michigan Pattern, Hung on 36 inch Highest Grade XXXX Second Growth Handles.

Per Dozen

Group No. 1—Assorted Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs. \$25.00

Group No. 2—Assorted Weights, $3\frac{1}{2}$ to $4\frac{1}{4}$ Lbs. 26.00

Average Weight Per Dozen 78 Pounds.

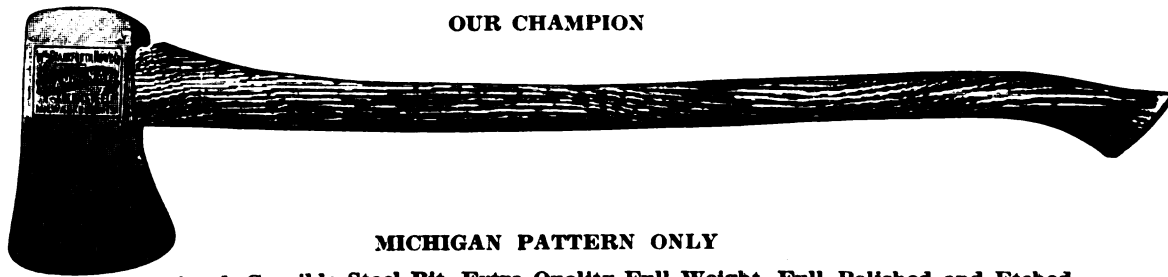
One Dozen in a Box.

Note—When Ordering Give Number and Weight.

HANDLED AXES

Note—All Our Handled Axes are Carefully Hung, Well Balanced and Will Not Get Loose.

OUR CHAMPION



MICHIGAN PATTERN ONLY

Silver Steel, Crucible Steel Bit, Extra Quality Full Weight, Full Polished and Etched.

SINGLE BITTED

		No. 12-1H—Michigan Pattern, Hung on 36 inch No. 1 Turned Handles.	Per Dozen
Group No. 1—Assorted	Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	.....	\$19.50
Group No. 2—Assorted	Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	.....	20.00
Group No. 3—Assorted	Weights, 4 to $4\frac{1}{2}$ Lbs.	.....	21.00
		No. 12-10H—Michigan Pattern, Hung on 36 inch No. 10 Extra Oak Handles.	
Group No. 1—Assorted	Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	.....	\$20.00
Group No. 2—Assorted	Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	.....	21.00
Group No. 3—Assorted	Weights, 4 to $4\frac{1}{2}$ Lbs.	.....	22.00
		No. 12-6H—Michigan Pattern, Hung on 36 inch No. 6-XXXX or Gold Medal Handles.	
Group No. 1—Assorted	Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	.....	\$21.00
Group No. 2—Assorted	Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	.....	22.00
Group No. 3—Assorted	Weights, 4 to $4\frac{1}{2}$ Lbs.	.....	23.00

WISCONSIN FARMER



Cuts Show Michigan Patterns.

WISCONSIN YANKEE OR MICHIGAN PATTERN

Extra Refined English Cast Steel, Extra Full Weight Cast Steel Bit, Red Enameled Body, Gold Bronze Stripe, Polished Head and Bit, Labeled.

SINGLE BITTED

No. 9-1H—Wisconsin Yankee Pattern.
No. 10-1H—Michigan Pattern.
Hung on 36 inch No. 1 Turned Handles.

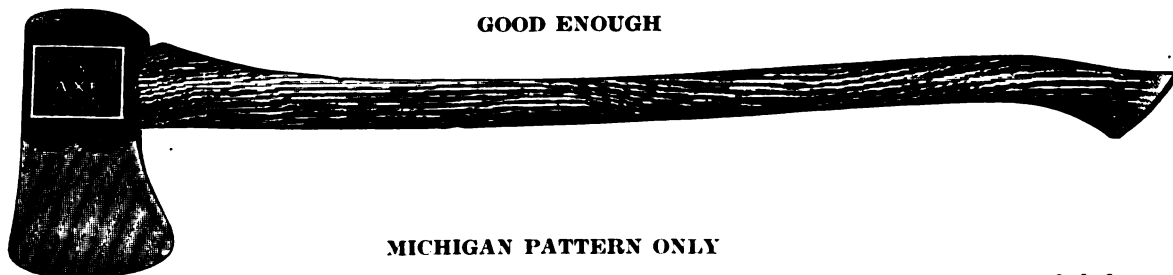
		Per Dozen
Group No. 1—Assorted	Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$19.00
Group No. 2—Assorted	Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	20.00
Group No. 3—Assorted	Weights, 4 to $4\frac{1}{2}$ Lbs.	21.00
		No. 9-2H—Wisconsin Yankee Pattern. No. 10-2H—Michigan Pattern. Hung on 36 inch No. 2 Turned Handles.
Group No. 1—Assorted	Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$18.00
Group No. 2—Assorted	Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	19.00
Group No. 3—Assorted	Weights, 4 to $4\frac{1}{2}$ Lbs.	20.00

DOUBLE BITTED

No. 90-1H—Wisconsin Yankee Pattern.
No. 100-1H—Michigan Pattern.
Hung on 36 inch No. 1 Turned Handles.

		Per Dozen
Group No. 1—Assorted	Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$25.00
Group No. 2—Assorted	Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	26.00
Group No. 3—Assorted	Weights, 4 to $4\frac{1}{2}$ Lbs.	27.00
		No. 90-2H—Wisconsin Yankee Pattern. No. 100-2H—Michigan Pattern. Hung on 36 inch No. 2 Turned Handles.
Group No. 1—Assorted	Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	\$24.00
Group No. 2—Assorted	Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	25.00
Group No. 3—Assorted	Weights, 4 to $4\frac{1}{2}$ Lbs.	26.00

GOOD ENOUGH



MICHIGAN PATTERN ONLY

Extra Cast Steel, Carefully Tempered, Gold Bronzed Body, Polished Head and Bit, Labeled.

SINGLE BITTED

		No. 13-2H—Michigan Pattern, Hung on 36 inch No. 2 Turned Handles.	Per Dozen
Group No. 1—Assorted	Weights, $3\frac{1}{4}$ to $3\frac{3}{4}$ Lbs.	.....	\$17.00
Group No. 2—Assorted	Weights, $3\frac{1}{4}$ to 4, $3\frac{1}{2}$ to $4\frac{1}{4}$, $3\frac{3}{4}$ to $4\frac{1}{4}$ Lbs.	.....	18.00
Group No. 3—Assorted	Weights, 4 to $4\frac{1}{2}$ Lbs.	.....	19.00

Average Weight Per Dozen 78 Pounds.

One Dozen in a Box.

Note—When Ordering Give Number and Weight.

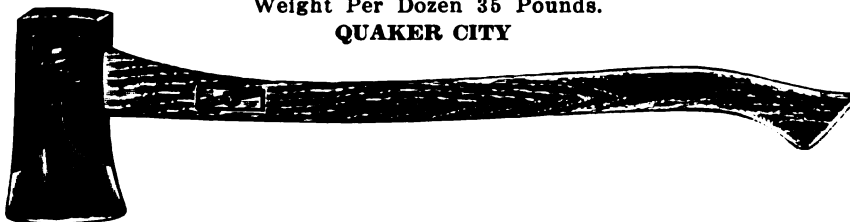
BOYS' HANDLED AXES

GLOBE



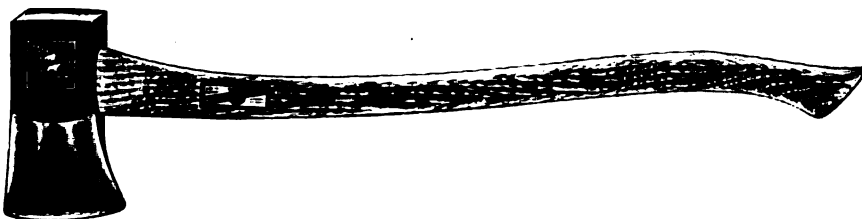
Globe Boys'—All Steel, Extra Cast Steel Bit, Blue Bevel, Polished Head and Bit, Weight Each with Handle 2½ Lbs., Handled with 28 inch No. 2 Boy's Handle. Per Dozen \$14.00
Weight Per Dozen 35 Pounds.

QUAKER CITY

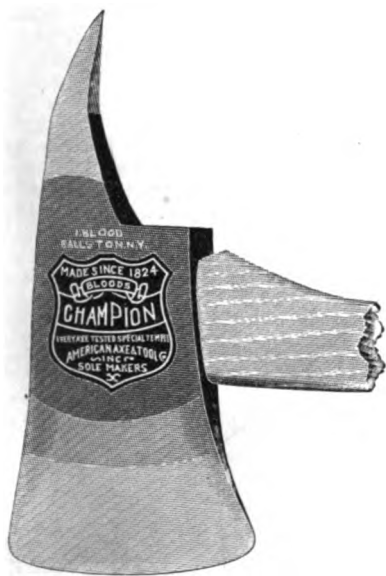


Quaker City Boys'—Forged Cast Steel, Polished Bit, Red Head, Blue Bevel, Weight Each with Handle 2½ Lbs., Handled with 28 inch No. 2 Boy's Handle. Per Dozen \$12.50
Weight Per Dozen 35 Pounds.

MAGIC CITY



Magic City—Forged Cast Steel, Polished Plain Bit, Painted Blue, Weight Each with Handle 2½ Lbs., Handled with 28 inch No. 2 Boy's Handle. Per Dozen \$11.50
Weight Per Dozen 35 Pounds.
All Above, One Dozen in a Box.

FIREMEN'S AXES
BLOOD'S CHAMPION

No. 79—Hand Forged Refined Steel, Finest Crucible Steel Pick, Gold Bronzed, Polished Bit and Pick, Weights 4½ to 5 Lbs., Handled with 36 inch No. 1 Hickory Handle, Painted Red. Per Dozen \$30.00
Weight Per Dozen 85 Pounds.
One-half Dozen in a Box.

ICE AXES
EVANSVILLE

Chicago Pattern.

No. 1360—Cast Steel, Polished Bit and Pick, Painted Red, Weight without Handle 2 Lbs. 12 Oz., 30 inch Hickory Handle. Per Dozen \$30.00
Weight Per Dozen 40 Pounds.
One-half Dozen in a Case.

HATCHETAXE
DADZ.

No. 12—Cast Steel, Tempered Head and Blade, Red Body, Polished Poll, Black Bit, Cut 3½ inches, Weight Each 2 Lbs., 14 inch Hickory Handle. Per Dozen \$9.00

This tool is designed exclusively to meet the growing demand for a household tool that can be relied on for hard usage.

Weight Per Dozen 40 Pounds.
One-half Dozen in a Box.

HUNTERS' AXES

BLOOD'S CHAMPION



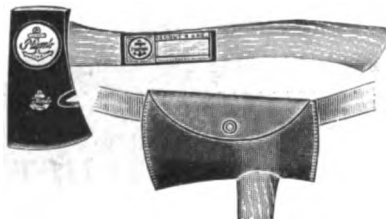
- No. 000—2 $\frac{3}{4}$ inch Bit, Extra Solid Cast Steel, Full Polished, 13 inch Selected Hickory Axe-Shaped Handle. Weight Each with Handle 18 Oz. \$12.50
One-half Dozen in a Box.

PLUMB'S HAND FORGED



- No. 673HF—3 $\frac{1}{4}$ inch Bit, Solid Cast Steel, Hand Forged, Non-Rusting Finish, 14 inch Axe-Shaped Handle, Weight with Handle 2 Lbs. \$12.50
One-half Dozen in a Box.

PLUMB'S "ANCHOR BRAND"



The Official Axe of the Boy Scout.

- No. 0BS—Boy Scout, Special Axe Steel, Hand Forged, Non-Rusting Finish, with Nail Slot, Axe Pattern Hickory Handle, Weight with Handle 1 Lb. 10 Oz., the Handiest Tool in a Woodman's Kit, without Sheath \$13.00
No. 01BS—Same as No. 0BS, but with Heavy Russet Leather Sheath 18.00
One-half Dozen in a Box.



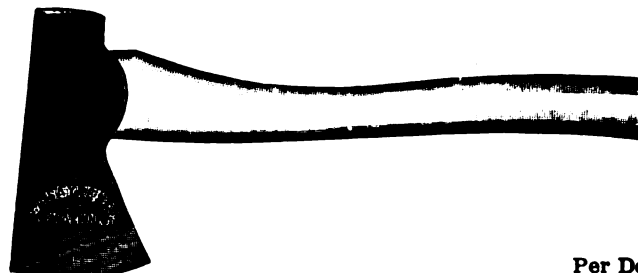
- No. 1—3 $\frac{1}{4}$ inch Bit, Solid Cast Steel, Gold Bronzed, Polished Bit and Head, 15 inch Selected Hickory Handle, Weight Each with Handle 2 Lbs. \$12.50
No. 0—3 inch Bit, Extra Solid Cast Steel, Hand Forged, Gun Metal Finish, Polished, 14 inch Selected Hickory Handle, Weight Each with Handle 1 $\frac{1}{2}$ Lbs. 12.00
One-half Dozen in a Box.

VICTOR BLAIR'S



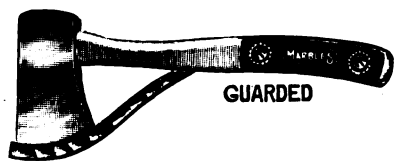
- No. OB—3 inch Bit, Cast Steel, Gold Bronzed, Polished Head and Bit, 14 inch Handles, Weight with Handle 1 $\frac{1}{2}$ Lbs. \$10.50
One-half Dozen in a Box.

SAYRE

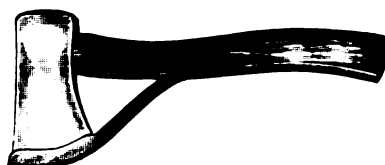


- No. 3—2 $\frac{3}{4}$ inch Bit, Best Quality Solid Tool Steel, Full Polished, 12 inch Hickory Handle, Weight About 14 Oz. \$18.00
One-half Dozen in a Box.

MARBLE'S SAFETY



- No. 2—2 $\frac{3}{4}$ x 4 inch Tool Steel Blade, Carefully Tempered, 11 inch Drop Forged Steel Handle, with Hard Rubber Side Plates, Nickel Plated Spring Hinged Guard Lined with Lead and Folds Into Handle, Weight 20 Oz. \$3.30



- No. 6—2 $\frac{3}{8}$ x 4 $\frac{3}{4}$ inch Tool Steel Blade, Carefully Tempered, 12 inch Selected Hickory Handle, Nickel Plated Steel Guard, Weight 22 Oz. \$2.00

MARBLE'S CAMP



- No. 116—3 $\frac{1}{4}$ x 5 $\frac{1}{4}$ inch Forged Tool Steel Blade, Tempered Head for Driving Stakes, Spikes, Etc., Nail Puller has Tempered Jaws, 16 inch Selected Hickory Handle, Weight 28 Oz. \$2.00
No. 120—Same as No. 116, but with 20 inch Handle. 2.00

Note—For Axe Sheaths, See Sporting Goods Department.

SHIP AXES

BEATTY & SON



No. 280—Extra Heavy Cast Steel, Polished Bit and Poll, Painted Blue, Cut $6\frac{1}{4}$ to $6\frac{1}{2}$ inches, Weight Each 5 to $5\frac{1}{2}$ Lbs. \$44.00
 Weight Per Dozen 69 Pounds.
 One-half Dozen in a Box.

Per Dozen

WHITE'S



No. 46—Extra Cast Steel, Polished Bit and Poll, Gold Bronzed, Cut $6\frac{1}{4}$ to 7 inches, Weight Each 5 to $5\frac{1}{2}$ Lbs. \$60.00
 Weight Per Dozen 69 Pounds.
 One-half Dozen in a Box.

Per Dozen

BROAD AXES



PLUMB'S

These Broad Axes will meet the requirements of the expert workmen.



Canada Pattern.
 No. 720—Forged Steel, Polished Bit and Head, Gold Bronzed and Labeled.

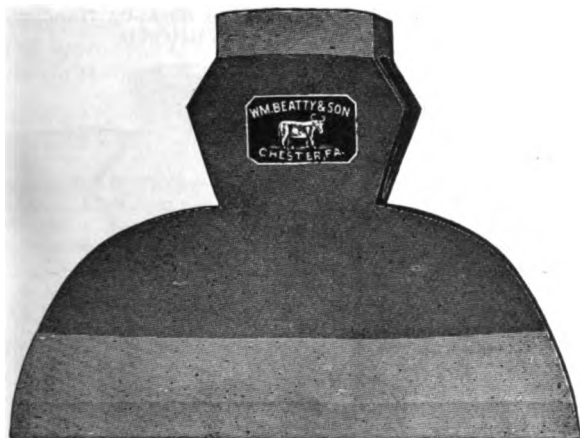
Weight Each, Lbs.	5½	6	6½	7	7½	8
Cut, Inches.....	10	10½	11½	12	12½	13
Per Dozen.....	\$48.00	48.00	50.00	50.00	52.00	52.00

Wisconsin Pattern.
 No. RC720—Hand Forged Steel, Polished Bit, Non-Rusting Finish, Labeled.

Weight Each, Lbs..	6	6½	7	7½	8
Cut, Inches.....	10	11	11½	12	12½
Per Dozen	\$48.00	50.00	50.00	52.00	52.00

One Dozen in a Box.

BEATTY & SON



Western Pattern.
 No. 50—Extra Cast Steel, Polished Poll and Bit, Gold Bronzed Finish.

Weight Each, Lbs....	6 to 7	7 to 8	8 to 9
Width of Cut, Inches.	10½ to 11	11 to 12½	12½ to 13
Per Dozen	\$40.00	42.00	46.00

 One-half Dozen in a Box.

Pennsylvania Pattern.
 No. 60—Extra Cast Steel, Polished Poll and Bit, Gold Bronzed Finish.

Weight Each, Lbs.....	6 to 7	7 to 8	8 to 9
Width of Cut, Inches...	10 to 11	11 to 12	12 to 13
Per Dozen	\$40.00	42.00	46.00

 One-half Dozen in a Box.

ADZES**PLUMB'S**

Hand Forged from One Solid Piece of Special Analysis Steel, Can be Ground Until Practically Worn Away.

CARPENTERS'**CARPENTERS'****SHIP CARPENTERS'****Half Head.**

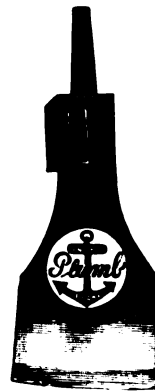
Per Dozen

No. 69—Hand Forged, Non-Rust Finish, Width of Cut $3\frac{1}{2}$ to $4\frac{1}{2}$ inches.....\$27.00
Weight Per Dozen 60 Pounds.
One Dozen in a Box.

**Full Head.**

Per Dozen

No. 70—Hand Forged, Non-Rust Finish, Width of Cut $3\frac{1}{2}$ to $4\frac{1}{2}$ inches.....\$27.00
Weight Per Dozen 60 Pounds.
One Dozen in a Box.

**Spur Head, Plain Bit.**

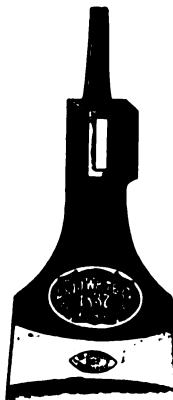
Per Dozen

No. 780—Hand Forged, Non-Rust Finish, Width of Cut 4 to $4\frac{1}{2}$ inches.....\$32.00
Weight Per Dozen 60 Pounds.
One Dozen in a Box.

**PLUMB'S
SHIP CARPENTERS'****Spur Head, Lipped Bit**

Per Dozen

No. 781—Hand Forged, Non-Rust Finish, Width of Cut 4 to $4\frac{1}{2}$ inches.....\$40.00
Weight Per Dozen 55 Pounds.
One Dozen in a Box.

SHIP CARPENTERS'**Spur Head, Plain Bit.**

Per Dozen

No. 71—Extra Cast Steel, Gold Bronzed Finish, Width of Cut 4, $4\frac{1}{2}$ and 5 inches...\$56.00
Weight Per Dozen 55 Pounds.
One Dozen in a Box.

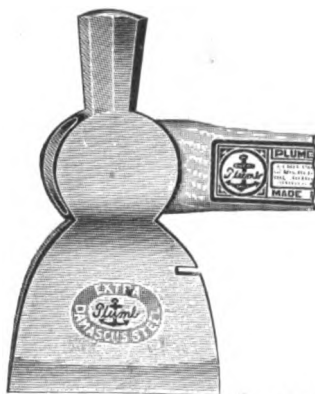
WHITE'S**SHIP CARPENTERS'****Spur Head, Lipped Bit.**

Per Dozen

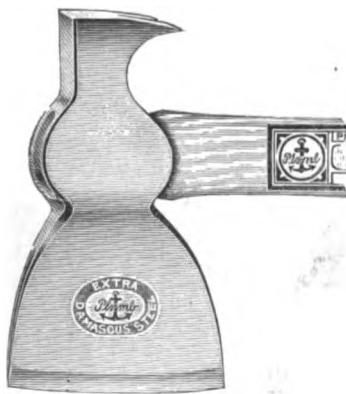
No. 72—Extra Cast Steel, Gold Bronzed Finish, Width of Cut 4, $4\frac{1}{2}$ and 5 inches...\$60.00
Weight Per Dozen 55 Pounds.
One Dozen in a Box.

FULL POLISHED HATCHETS

It is the Quality and Finish of these Hatchets that Takes the Customer's Eye. All Selected White Hickory Handles.

SHINGLING**CLAW****BROAD****Extra Damascus Steel, Forged, Full Polished.**

Nos.	480	481
Size	1	2
Bit, Inches....	$3\frac{1}{2}$	4
Weight Each... 1 lb. 10 oz.		1 lb. 7 oz.
Wt. Dozen, Lbs.	18	21 $\frac{1}{2}$
Per Dozen.....	\$14.00	15.00

**Extra Damascus Steel, Forged, Full Polished.**

Nos.	510	511
Size	1	2
Bit, Inches....	$3\frac{1}{2}$	4
Weight Each... 1 lb. 3 oz.		1 lb. 9 oz.
Wt. Dozen, Lbs.	19	23
Per Dozen.....	\$15.00	16.00

One-half Dozen in a Box.

Note—Weights Each Do Not Include Handle.

**Extra Damascus Steel, Forged, Full Polished.**

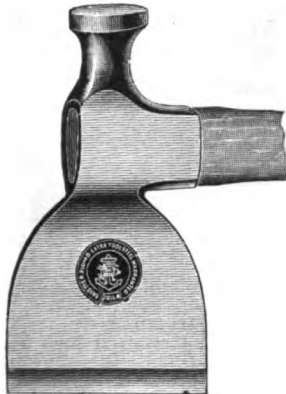
Nos.	0511	0512	0513
Size	2	3	4
Bit, Inches....	$4\frac{1}{2}$	5	$5\frac{1}{2}$
Wt. Each, Lbs.	$1\frac{3}{4}$	$2\frac{1}{2}$	$2\frac{1}{2}$
Wt. Dozen, Lbs.	32 $\frac{1}{2}$	40	42
Per Dozen.....	\$19.00	22.50	25.00

FANCY PATTERN HATCHETS

PLUMB'S

Light in Weight and Well Balanced. Thin Blade for Fast Cutting. Large, Full Face for Driving. Special Heat Treatment Toughens Blade Beneath Eye, Will not Bend or Break. All Selected White Hickory Handle.

SHINGLING



Adze Eye, Bell Pole.

Extra Tool Steel, Forged, Full Polished.

No.	520
Size	1
Bit, Inches	3 1/4
Weight Each, Lbs.	1
Weight Per Dozen, Lbs.	17
Per Dozen	\$18.50

HALF



Adze Eye, Bell Pole.

Extra Tool Steel, Forged, Full Polished.

No.	530
Size	1
Bit, Inches	3 1/4
Weight Each, Oz.	14
Weight Per Dozen, Lbs.	15 1/2
Per Dozen	\$18.50

HALF

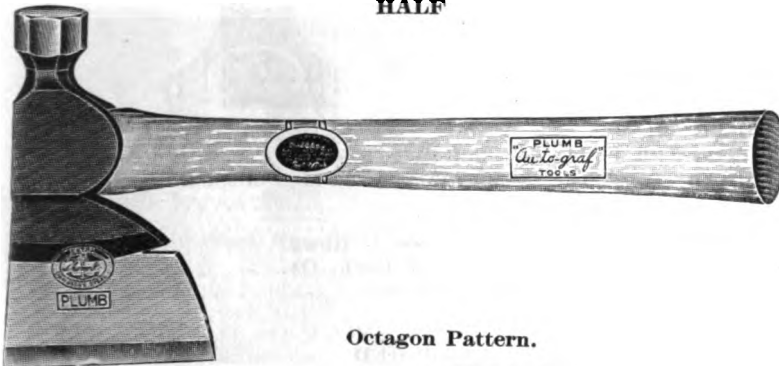
Adze Eye, Octagon Neck, Round Pole.
Extra Damascus Steel, Forged, Gold
Bronzed.

Nos.	535	536
Size	1	2
Bit, Inches	3 1/4	3 5/8
Weight Each... 1 lb. 3 oz.		1 lb. 6 oz.
Wt. Dozen, Lbs.	19	21
Per Dozen.....	\$14.00	15.00

AU-TO-GRAF HATCHETS

All Hatchets designed for hang and balance, to feel right in the hand and fall true to the mark. Refined by armor plate heat treatment, ductile over eye, yet with a bit so tempered as to give a hard, keen cutting edge—an edge that stays sharp. Bit tapered for fast cutting, not built like a wedge, yet stout enough to stand abuse.

HALF



Octagon Pattern.

Extra Damascus Steel, Forged, Highly Polished Bit and Head, Painted Red with Gold Borders, Specially Shaped Selected White Hickory Handle. The best designed and most serviceable Hatchet ever built for general use.

No. RH2—3 3/4 inch Bit, Weight Each 1 Lb. 6 Oz.	Per Dozen
Weight Per Dozen 25 Pounds.	\$16.00

EXPERT LATHER

Highly Polished.



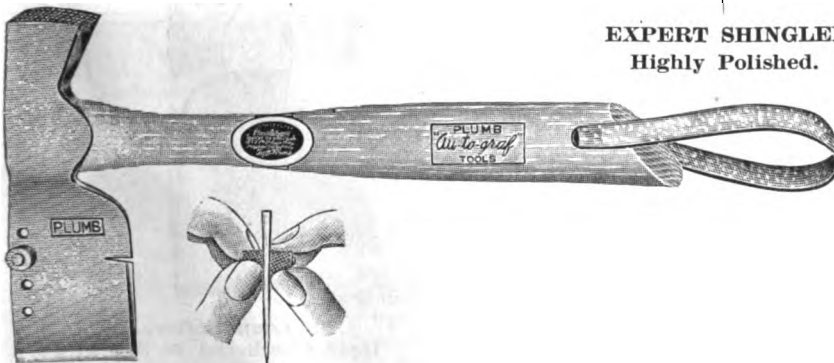
Plumb's Special Design.

Highest Grade and Finish, Best Balanced Lathing Hatchet Ever Made. Blade Light and Shapely. Reinforced Under the Eye. Will not Bend or Break. Milled Head Insures Perfect Contact with the Nail, no Slipping. Specially Shaped White Hickory Handle.

No. 545—2 1/4 inch Bit, Weight Each 15 Oz., 10 Rows	Per Dozen
Milled Checkers	\$24.00
Weight Per Dozen 17 1/2 Pounds.	

EXPERT SHINGLER

Highly Polished.



Plumb's Special Design, adapted after consultation with expert shinglers. With the oval checkered head, nail can be driven at any angle without slipping. Reinforced eye, no bending or breaking of bit.

Inner side of blade sharpened to use as draw knife.

Plumb's Special Gauge firm and not wobbly as is the case with other gauges.

Can be accurately gauged and firmly held at intervals of one-half inch.

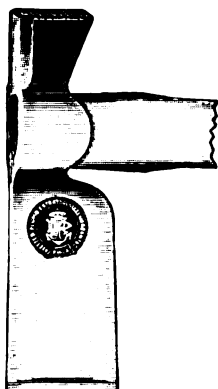
Note by illustration the ease of adjustment.

No. 565—2 1/4 inch Bit, Weight Each 15 Oz., Specially Shaped Selected Hickory Handle.....	Per Dozen
Weight Per Dozen 16 Pounds.	\$28.00

Note—Weights Each Do Not Include Handles.

LATHING HATCHETS

PLUMB'S FANCY PATTERNS



These Hatchets are light in weight and well balanced.

Thin blade for fast cutting.

Large full face for driving.

Special heat treatment toughens blade beneath eye. Blades will not bend or break because they are properly tempered.

Specially shaped white hickory handles, polished.



Milled Checkerings.

Underhill Pattern.

Extra Tool Steel Forged, Full Polished and Etched.

Nos.	1960	1961	1962
Bit, Inches	2 1/4	2 1/4	2 1/4
Checkered, Rows	8	9	10
Weight Each, Oz.	13	15	15
Per Dozen	\$23.00	23.50	24.00

Philadelphia Pattern.

Extra Tool Steel Forged, Full Polished and Etched.

No.	570
Bit, Inches	2
Checkered, Rows	8
Weight Each, Oz.	10
Per Dozen	\$18.00



Boston Pattern.

Extra Tool Steel Forged, Full Polished and Etched.

No.	540
Bit, Inches	2
Checkered, Rows	8
Weight Each, Oz.	14
Per Dozen	\$23.00



Adze Eye, Bell Poll.

Extra Tool Steel Forged, Full Polished and Etched.

No.	0550
Bit, Inches	2
Checkered, Rows	9
Weight Each, Oz.	12
Per Dozen	\$18.50



HAINES

Adze Eye, Bell Poll.

Solid Cast Steel, Carefully Tempered, Full Polished.

No.	0
Bit, Inches	2 1/4
Checkered, Rows	9
Weight Each, Oz.	14
Per Dozen	\$17.50

Note—Above Weights Each Do Not Include Handles.

UNDERHILL BROS.' GENUINE STAR BOSTON, FULL POLISHED

The quality, style and finish of "Underhill Star Boston" Hatchets are the highest possible to produce, and the result of over 100 years' experience. Hung on special pattern extra selected young growth hickory handles.



Best Tool
Steel.
Hand Made.



Charcoal
Tempered.
Full
Polished.



Regular Pattern.

Head Checkered 8 Rows.

No. A—2 1/2 inch Bit, Weight Each with Handle 18 Oz.	Per Dozen \$28.00
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Chicago Pattern.

Head Checkered 9 Rows.

No. B—2 1/2 inch Bit, Weight Each with Handle 19 Oz.	Per Dozen \$32.00
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Most popular pattern.

St. Louis Pattern.

Head Checkered 10 Rows.

No. BS—2 1/2 inch Bit, Weight Each with Handle 23 Oz.	Per Dozen \$38.00
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All Above, One-half Dozen in a Box; Average Weight Per Dozen 25 Pounds.

HAND FORGED HATCHETS

PLUMB'S

Hand Forged from Refined Steel, Non-Rust Finish is a Strong Selling Point and has Become Very Popular, Hatchets Always Salable and Will not Rust or Tarnish, Specially Designed Handles of White Hickory.

SHINGLING



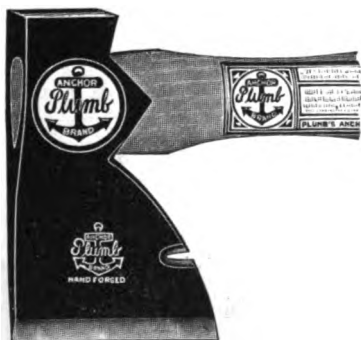
Hand Forged Steel, Non-Rust Finish, Polished Bit, Labeled.			
Nos.	2951	2952	2953
Size	1	2	3
Bit, Inches	3 1/2	4	4 1/2
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Weight Per Dozen, Lbs.	17 1/2	21 1/2	27 1/2
Per Dozen	\$11.50	12.50	13.50

HALF



Hand Forged Steel, Non-Rust Finish, Polished Bit, Labeled.			
Nos.	2961	2962	
Size	1	2	
Bit, Inches	3 1/4	3 3/4	
Weight Each	15 oz.	1 lb. 5 oz.	
Weight Per Dozen, Lbs.	16	20	
Per Dozen	\$11.50	12.50	

FLOORING



Hand Forged Steel, Non-Rust Finish, Polished Bit, Labeled, 14 inch Handle.			
Nos.	2986	2987	
Size	2	3	
Bit, Inches	4 1/8	4 1/2	
Weight Each	1 lb. 8 oz.	1 lb. 14 oz.	
Weight Per Dozen, Lbs.	25	34	
Per Dozen	\$18.00	20.00	

CLAW



Hand Forged Steel, Non-Rust Finish, Polished Bit, Labeled.			
Nos.	2971	2972	2973
Size	1	2	3
Bit, Inches	3 1/2	4	4 1/2
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Weight Per Dozen, Lbs.	19	23	29
Per Dozen	\$12.50	18.50	14.50

LATHING



Hand Forged Steel, Non-Rust Finish, Polished Bit, Labeled.			
Nos.	2981	2982	
Size	1	2	
Bit, Inches	2 1/4	2 1/2	
Weight Each	14 oz.	1 lb. 1 oz.	
Weight Per Dozen, Lbs.	17	18 1/2	
Per Dozen	\$11.50	12.50	

BROAD OR BENCH



Hand Forged Steel, Non-Rust Finish, Polished Bit, Labeled.			
Nos.	2991	2992	2993
Size	1	2	3
Bit, Inches	4	4 1/2	5
Weight Each	1 lb. 8 oz.	1 lb. 12 oz.	2 lb. 2 oz.
Weight Per Dozen, Lbs.	24 1/2	32 1/2	40
Per Dozen	\$14.50	16.00	18.50
Nos.	2994	2995	2996
Size	4	5	6
Bit, Inches	5 1/2	6	6 1/2
Weight Each	2 lb. 8 oz.	2 lb. 14 oz.	3 lb. 4 oz.
Weight Per Dozen, Lbs.	42	44	50
Per Dozen	\$20.00	22.50	24.50

Note—Weights Each on this Page do Not Include Handles.

All Above, One-half Dozen in a Box.

GOLD BRONZED HATCHETS

PLUMB'S

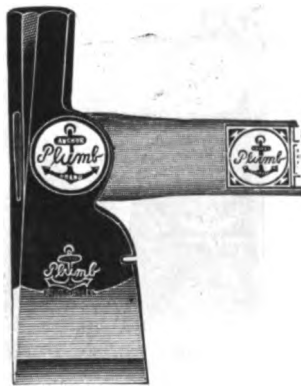
Blades Tempered for Fast Cutting—Not Built Like a Wedge, Yet Stout Enough to Stand Abuse. Standard Handsome Finish. Specially Designed Handles of White Hickory, Turned to Insure Hand Comfort to the User.

SHINGLING



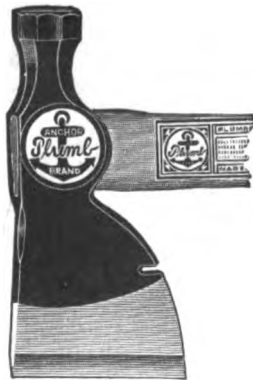
Forged Steel, Polished Head and Bit, Gold Bronzed and Labeled.			
Nos.	591	592	593
Size	1	2	3
Bit, Inches	3 1/2	4	4 1/2
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Weight Per Dozen, Lbs.	17 1/2	21 1/2	27 1/2
Per Dozen	\$11.00	12.00	13.00

LATHING



Forged Steel, Polished Head and Bit, Gold Bronzed and Labeled.			
Nos.	621	622	
Size	1	2	
Bit, Inches	2 1/4	2 1/2	
Weight Each	14 oz.	1 lb. 1 oz.	
Weight Per Dozen, Lbs.	17	17	
Per Dozen	\$11.00	12.00	

HALF



Octagon Pattern, Scored Head, Forged Steel, Polished Bit, Fire Bronzed and Labeled.

Nos.	2291	2292
Size	2	3
Bit, Inches	3 1/2	4
Weight Each	1 lb. 6 oz.	1 lb. 12 oz.
Weight Per Dozen, Lbs.	20	28
Per Dozen	\$17.00	18.00

CLAW



Forged Steel, Polished Head and Bit, Gold Bronzed and Labeled.

Nos.	610	611	612
Size	1	2	3
Bit, Inches	3 1/2	4	4 1/2
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Weight Per Dozen, Lbs.	19	23	29
Per Dozen	\$12.00	13.00	14.00

HALF



Forged Steel, Polished Head and Bit, Gold Bronzed and Labeled.

Nos.	600	601
Size	1	2
Bit, Inches	3 1/4	3 1/2
Weight Each	15 oz.	1 lb. 5 oz.
Weight Per Dozen, Lbs.	16	20
Per Dozen	\$11.00	12.00

BROAD OR BENCH



Regular Pattern, Single Bevel, Forged Steel, Polished Head and Bit, Gold Bronzed and Labeled.

Nos.	640	641	642	643
Size	1	2	3	4
Bit, Inches	4	4 1/2	5	5 1/2
Weight Each	1 lb. 8 oz.	1 lb. 12 oz.	2 lb. 2 oz.	2 lb. 8 oz.
Wt. Dozen, Lbs.	24 1/2	32 1/2	40	42
Per Dozen	\$14.00	15.50	18.00	19.50
Nos.	644	645	646	
Size	5	6	7	
Bit, Inches	6	6 1/2	7	
Weight Each	2 lb. 14 oz.	3 lb. 4 oz.	3 lb. 12 oz.	
Wt. Dozen, Lbs.	44	50	53	
Per Dozen	\$22.00	24.00	26.00	

Double Bevel.

No. 642D—Size 3, Bit 5 inches	\$19.00
No. 643D—Size 4, Bit 5 1/2 inches	22.00

All Above, One-half Dozen in a Box.

EMPIRE HATCHETS

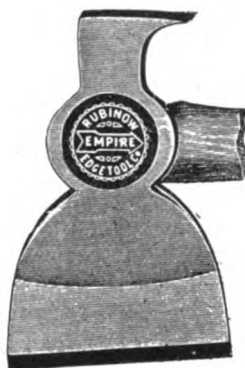
This Brand of Hatchets are Warranted Cast Steel, Carefully Tempered, Not Case Hardened, Neatly Finished, Hickory Handle, Neatly Shaped.

SHINGLING



Cast Steel, Gold Bronzed, Polished Bit, Labeled.			
Nos.	51	52	53
Size	1	2	3
Bit, Inches...	3 1/2	4	4 1/2
Wt. Each, Lbs..	1 1/8	1 7/8	1 3/4
Wt. Dozen, Lbs.	17 1/2	21 1/2	28
Per Dozen.....	\$7.50	8.00	9.00

CLAW



Cast Steel, Gold Bronzed, Polished Bit, Labeled.			
Nos.	71	72	73
Size	1	2	3
Bit, Inches...	3 1/2	4	4 1/2
Wt. Each, Lbs..	1 1/8	1 7/8	1 3/4
Wt. Dozen, Lbs.	19	23	29
Per Dozen.....	\$8.00	8.50	9.00

BENCH OR BROAD



Cast Steel, Gold Bronzed, Polished Bit, Labeled.			
Nos.	41	42	43
Size	2	3	4
Bit, Inches...	4 1/2	5	5 1/2
Wt. Each, Lbs.	1 1/4	2 1/4	2 1/2
Wt. Doz., Lbs.	33	40	42
Per Dozen....	\$11.00	12.00	13.00

All Above, One-half Dozen in a Box.

Note—Weights Each Do Not Include Handles.

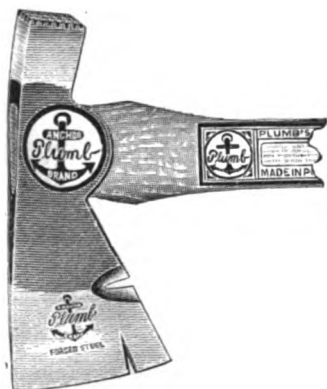
BLACK EAGLE HATCHETS



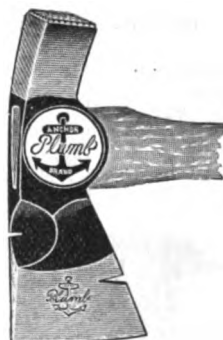
Claw Head. Per Dozen
No. 20—Oil Tempered Blade, Hardened Head, Hollow Steel Handle, All Riveted Under Heavy Pressure, Parts Absolutely Immovable, Black Enameled, Polished Blade and Head, Weight Each 1 1/2 Lbs.....\$7.50

Note—Weight Includes Handle.

One-half Dozen in a Box.

BARREL HATCHETS
PLUMB'S

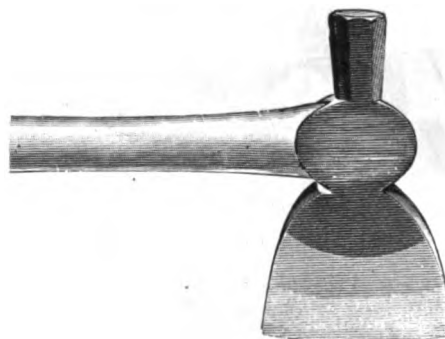
Improved Pattern, Patent Nail Slot.
Forged Steel, Enameled Red, Polished Bit and Head. Per Dozen
No. 636—Size 1, 2 1/2 inch Bit, Weight Each 14 Oz.....\$14.00
Weight Per Dozen 15 Pounds.
One-half Dozen in a Box.

PRODUCE HATCHETS
PLUMB'S

Selected Hickory Handles.

Short Pattern, Two Nail Slots.
Forged Steel, Enameled Red, Polished Bit and Head. Per Dozen
No. 3005—2 1/2 inch Bit, Weight Each 12 Oz.....\$13.00
Weight Per Dozen 11 1/4 Pounds.
One-half Dozen in a Box.

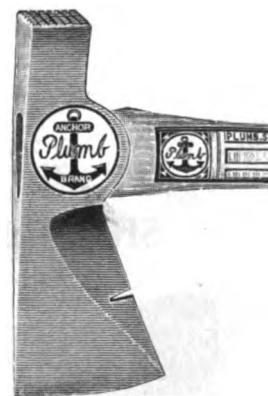
Note—Weights Each Do Not Include Handles.

CAST HATCHETS
SHINGLING

Per Dozen
No. 2—Width of Cut 3 1/2 inches, Gold Bronzed Finish, Polished Bit, Weight Each 1 Lb.....\$3.00

Weight Per Dozen 16 Pounds.

One-half Dozen in a Box.

BOX HATCHETS
PLUMB'S

Florida Pattern.
Forged Steel, Full Polished and Highly Finished. Per Dozen
No. 628—2 1/2 inch Bit, Weight Each 12 Oz.....\$13.00
Weight Per Dozen 13 Pounds.
One-half Dozen in a Box.

MATTOCKS

FRANKFURTH'S BEST



Long Cutter, Adze Eye, Warranted.

Extra Quality Tool Steel, Painted Blue, Polished Cutters.

No. 100—Hoe 8x4 inches, Cutter 6x3 inches, Average
Weight Each 6 Lbs. \$14.00
Weight Per Case 167 Pounds.
Two Dozen in a Case.

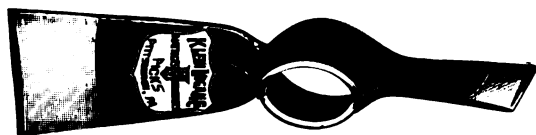
K. L. CO.'S



Long Cutter, Adze Eye.

Cast Steel, Black Center, Polished Cutters.

No. 10—Hoe 8½x4¼ inches, Cutter 6x3½ inches,
Average Weight Each 6 Lbs. \$10.00
Weight Per Case 167 Pounds.
Two Dozen in a Case.

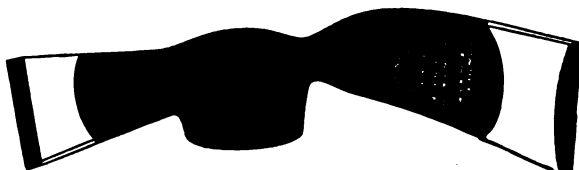


Short Cutter, Adze Eye.

Cast Steel, Black Center, Polished Cutters.

No. 11—Hoe 8½x4¼ inches, Cutter 4½x3½ inches,
Average Weight Each 5½ Lbs. \$9.50
Weight Case 152 Pounds.
Two Dozen in a Case.

HUNT'S



Long Cutter, Adze Eye.

Hand Forged Crucible Steel Cutters, Black Center, Polished Cutters.

No. 110—Hoe 8x4½ inches, Cutter 6x3½ inches,
Average Weight Each 5½ to 6 Lbs. \$22.00
Weight Per Case 160 Pounds.
Two Dozen in a Case.

SHINGLE FROES

K. L. CO.'S



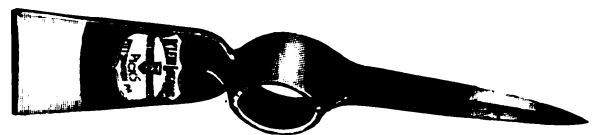
Solid Cast Steel, Oil Finish, Polished Edge.

Nos.	112	114
Length, Inches	12	14
Weight Per Dozen, Lbs.	48	52
Weight Per Case, Lbs.	109	117
Per Dozen	\$9.00	9.50

Two Dozen in a Case.

PICK MATTOCKS

K. L. CO.'S



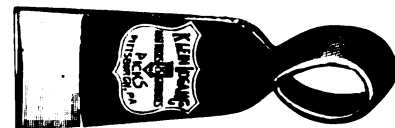
Adze Eye, Axe Finish.

Cast Steel, Black Center, Polished Pick and Cutter.

No. 12—Hoe 8½x4¼ inches, Pick 8½ inches, Average
Weight Each 5½ Lbs. \$10.00
Weight Per Case 152 Pounds.
Two Dozen in a Case.

GRUB HOES

K. L. CO.'S



Western Pattern, Oval Eye, Cast Steel Bit, Black Finish, Polished Bit.

Nos.	0	1	2
Size, Inches	10½x3½	10¾x3¾	11¼x4
Weight Each, Lbs.	3	3½	4
Weight Per Case, Lbs.	84	96	107
Per Dozen	\$7.50	8.00	8.50

Two Dozen in a Case.

HAZEL HOES

K. L. CO.'S



Oval Eye.

Cast Steel, Black, Polished Bit.

No. 22—Hoe 10x6 inches, Average Weight Each 3
Lbs. \$11.00
Weight Per Case 85 Pounds.
Two Dozen in a Case.

RAILROAD PICKS

FRANKFURTH'S BEST



Adze Eye.

Extra Quality Tool Steel, Painted Blue, Polished Point and Cutter.

No. 350—Weight Each 6 to 7 Lbs. \$12.00
Weight Per Case 180 Pounds.
Two Dozen in a Case.

K. L. CO.'S



Adze Eye.

No. 35—Cast Steel, Black Center, Polished Point and Cutter.
Weights Each, Lbs. 5 to 6
Weight Per Case, Lbs. 155
Per Dozen

Two Dozen in a Case.

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PICKS

ORE



K. L. Co.'s, Adze Eye.
Cast Steel, Oil Finish. Per Dozen
No. 39—Weights Each 6 to 7 Lbs.\$9.00
Weight Per Case 180 Pounds.
Two Dozen in a Case.

DRIFTING



K. L. Co.'s, Adze Eye.
Cast Steel, Oil Finish.

Nos.	3	4	5
Length, Inches	21½	23	25
Weight Each, Lbs.	4½	5	6
Weight Per Case, Lbs.	125	137	165
Per Dozen	\$9.00	10.00	11.00

Two Dozen in a Case.

POLL



K. L. Co.'s, Adze Eye.
Cast Steel, Oil Finish.

Nos.	3P	4P
Length, Inches	15	16
Weight Each, Lbs.	4½	5½
Weight Per Case, Lbs.	120	139
Per Dozen	\$9.00	10.00

Two Dozen in a Case.

MINING



K. L. Co.'s, Adze Eye.
Cast Steel, Oil Finish. Per Dozen
No. 40—Weights Each 6 to 7 Lbs.\$8.00
Weight Per Case 180 Pounds.
Two Dozen in a Case.

COAL



K. L. Co.'s, Bituminous Pattern.
No. 52—Plain Lip Eye, Best Tool Steel Points, Oil Finish.

Weight Each, Lbs.	2	2½
Weight Per Case, Lbs.	84	113
Per Dozen	\$7.00	8.00

Three Dozen in a Case.

STONE



K. L. CO.'S
Solid Cast, Oil Finish. Per Dozen
No. 50—Weights Each 6 to 7 Lbs.\$13.00
Weight Per Case 170 Pounds.
Two Dozen in a Case.

CAR MOVERS
ATLAS

Atlas—66 inches Long, Made of Malleable Iron and Steel, Best Selected Hardwood Handle, Weight Each 20 Lbs.\$5.00
Extra Spurs—For Atlas Car Mover.50

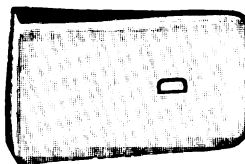
The best and most powerful device ever made for starting and moving loaded cars by hand. Does not lift the wheels from the rail, but uses its force in pushing the wheels forward, and heavily loaded cars can be easily moved with it. It is equipped with double spurs of square steel set at an angle with the top of the rail, which they engage on the outside edge where it is soft and not hardened by the constant pounding of the wheels, and having a double hold on the rail, they will not slip until they become worn and dull by long use. Then, by simply loosening a nut and bolt, they can easily be taken out and turned to use a new edge or replaced entirely by a new one.

Open Stock.

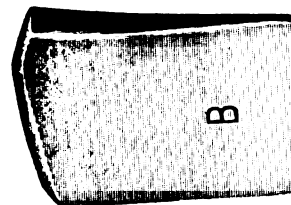
AXE, HATCHET AND HAMMER WEDGES



Full
Size
Cuts



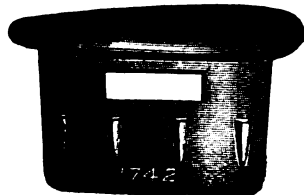
Full
Size
Cuts



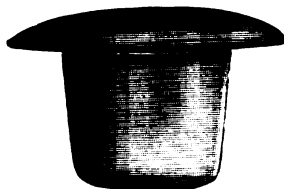
Per Dozen
No. G—For Hammers, ¾ inch
Long, ½ inch Wide, Malle-
able Iron\$0.30
Three Dozen in a Box.

Per Dozen
No. D—For Mauls, 1¼ inches
Long, ¾ inch Wide, Malle-
able Iron\$0.40
Three Dozen in a Box.

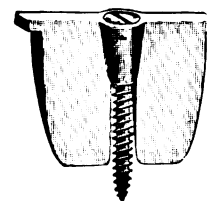
Per Dozen
No. B—For Hatchets, 1½ inches
Long, ¾ inch Wide, Malle-
able Iron\$0.50
Three Dozen in a Box.



Half
Size
Cuts.



Half
Size
Cuts.



Per Dozen
No. 1742—Perfection Axe, Mal-
leable Iron\$0.60
One Dozen in a Box.

Per Dozen
No. 1748—Special, 8 Oz. Mal-
leable Iron, for Double Bit-
Axes, or Weighting.....\$1.50
One Dozen in a Box.

Per Dozen
No. 1087—Axe, Malleable Iron,
with Screw\$0.75
One Dozen in a Box.

SAW WEDGES

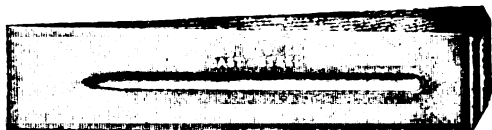


Improved.

Solid Cast Steel, Non-Rust.

Nos.	67	68	69
Weight Each, Lbs.....	2	1 1/2	1
Per Dozen	\$3.00	2.50	1.75
	Open Stock.		

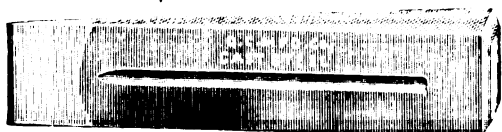
WOOD CHOPPERS' WEDGES



Regular Pattern.

Solid Steel, Non-Rust Finish.

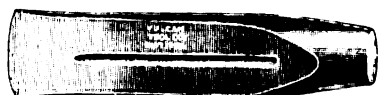
No. 73—Weights 3 1/2 to 6 Lbs.....	Per Pound	\$0.09
No. 74—Weight 10 Lbs., Length 15 inches, Bit 2 1/4 inches .....		.12
	Open Stock.	



Regular Pattern.

Solid Steel, Axe Finish.

No. 75—Weights 3 1/2 to 5 1/2 Lbs.....	Per Pound	\$0.10
	Open Stock.	



Truckee Pattern.

Solid Steel, Forge Finished, Non-Rust.

No. 77—Weights 3 1/2 to 6 Lbs.....	Per Pound	\$0.10
No. 077—Weight 8 Lbs.....		.10
	Open Stock.	



Tool Steel, Forge Finished, Non-Rust.

No. 78—Weights 3 1/2 to 6 Lbs.....	Per Pound	\$0.24
	Open Stock.	

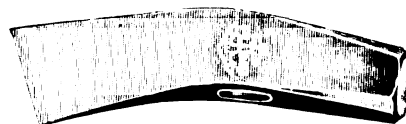


Lake Superior Pattern.

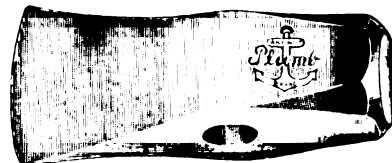
Solid Steel, Non-Rust Finish.

No. 79—14 inches Long, 1 3/4 inch Head, Weights 5 to 7 Lbs.	Per Pound	\$0.12
	Tool Steel, Non-Rust Finish.	
No. 81—14 inches Long, 1 3/4 inch Head, Weights 5 to 7 Lbs.	Per Pound	\$0.24
	Open Stock.	

WOOD CHOPPERS' MAULS

Lake Superior Pattern.
Solid Cast Steel, Non-Rust Finish.

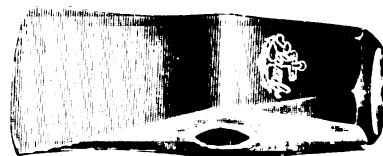
No. 71—Weights 6, 6 1/2, 7, 7 1/2, 8 and 9 Lbs.....	Per Pound	\$0.20
	Open Stock.	



Washington or Oregon Pattern.

Solid Cast Steel, Round Eye, Non-Rust Finish, Polished Face.	Per Pound	
No. 69M—Weights 5, 6, 7, 7 1/2, 8 and 9 Lbs.....		\$0.20
	Extra Tool Steel, Non-Rust Finish, Polished Face.	

No. 069—Weights 5, 6, 7, 7 1/2, 8 and 9 Lbs.....	Per Pound	\$0.30
	Open Stock.	



Washington or Oregon Pattern.

Double Bit, Axe Eye.

Solid Cast Steel, Non-Rust Finish, Polished Face.

No. 70—Weights 5, 6, 7, 7 1/2, 8 and 9 Lbs.....	Per Pound	\$0.20
	Extra Tool Steel, Non-Rust Finish, Polished Face.	
No. 070—Weights 5, 6, 7, 7 1/2, 8 and 9 Lbs.....	Per Pound	\$0.30
	Open Stock.	

MAULS

PLUMB'S, SHIP OR TOP



Solid Cast Steel, Painted Blue, Polished Faces.

No. 93—Weights, 6 and 7 Lbs.....	Per Pound	\$0.24
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WHITE'S, SHIP OR TOP



Solid Cast Steel, Oil Finish, Polished Face.

No. 95—Weights 3 1/2 to 4 1/2 Lbs.....	Per Dozen	\$30.00
No. 97—Weights 4 1/2 to 5 Lbs.....		34.00
No. 99—Weights 5 1/2 to 6 1/2 Lbs.....		42.00

PLUMB'S, RAILROAD TRACK OR SPIKE

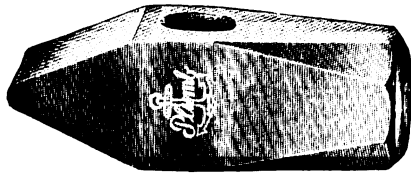


Standard Pattern.

Solid Cast Steel, Oil Finish, Polished Face.

No. 91—Weights, 5, 6, 6 1/2, 7 and 10 Lbs.....	Per Pound	\$0.18
	Open Stock.	

BLACKSMITHS' HAND HAMMERS



Solid Cast Steel, Non-Rust Finish, Polished Face.

Per Pound

- No. 101—Weights, 2 and 2½ Lbs. \$0.27
 No. 103—Weights, 3, 3½, 4 and 5 Lbs.22
 Open Stock.

HAND DRILLING HAMMERS



California Pattern.

Solid Cast Steel, Non-Rust Finish, Polished Face.

Per Pound

- No. 107—Weights, 2½, 3, 3½, 4, 4½ and 5 Lbs. \$0.27
 Open Stock.

STRIKING HAMMERS



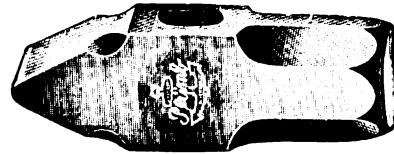
Nevada Pattern.

Solid Cast Steel, Non-Rust Finish, Polished Faces.

Per Pound

- No. 109—Weights, 3, 3½, 4 and 4½ Lbs. \$0.22
 No. 111—Weights, 5, 6, 7, 8, 9, 10, 12, 14 and 16 Lbs. .16
 Open Stock.

BLACKSMITHS' SLEDGES



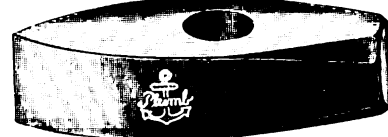
Cross Pein.

Solid Cast Steel, Non-Rust Finish, Polished Face.

Per Pound

- No. 87—Plumb's, Weights 5, 6, 7, 8, 10, 12, 14 and
 16 Lbs. \$0.15
 Open Stock.

STONE SLEDGES



Cross Pein.

Solid Cast Steel, Non-Rust Finish, Polished Face.

Per Pound

- No. 89—Plumb's, Weights, 6, 7, 8, 10, 12, 14, 16, 18
 and 20 Lbs. \$0.15
 Open Stock.

MASON HAMMERS



Solid Cast Steel, Painted Black, Axe Finish.

Per Pound

- No. 113—Weights, 3, 3½, 4 and 4½ Lbs. \$0.28
 No. 115—Weights, 5, 6, 7, 8, 9 and 10 Lbs.26
 One in a Box.

BUSH OR STONE AXES

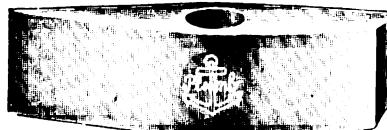


Solid Cast Steel, Non-Rust Finish.

Per Pound

- No. 85—Weights, 5 to 9 Lbs. \$0.50
 Open Stock.

SPALLING OR STONE HAMMERS



Single Face.

Solid Cast Steel, Non-Rust Finish,
Polished Face.

Per Pound

- No. 117—Weights 6, 8, 9, 10,
 12, 14, 16 and 18 Lbs. \$0.22
 Open Stock.



Double Face.

Solid Cast Steel, Non-Rust Finish,
Polished Faces.

Per Pound

- No. 119—Weights, 6, 8, 10, 12,
 13, 14, 16 and 18 Lbs. \$0.22
 Open Stock.

BLACKSMITHS' ANVIL TOOLS

HARDIES

Solid Forged Steel, Oil Tempered, Oil
Finished Body, Polished Bit.

- | | | | |
|-------------------|--------|------|------|
| Shank, Inches.... | ¾ | ¾ | 1 |
| Bit, Inches..... | 2 | 2 | 2½ |
| Length, Inches... | 5 | 5½ | 5¾ |
| Wt. Each, Lbs... | 7½ | 1½ | 1¾ |
| Per Dozen..... | \$5.40 | 5.85 | 6.30 |

COLD CHISELS

Solid Forged Steel, Oil Tempered, Oil
Finished Body, Polished Bit.

- | | | | |
|------------------|--------|------|-------|
| Bit, Inches..... | 1¼ | 1¾ | 1½ |
| Length, Inches.. | 6½ | 7 | 7¼ |
| Wt. Each, Lbs.. | 2 | 2½ | 3 |
| Per Dozen..... | \$7.20 | 9.00 | 10.80 |

Open Stock.

HOT CHISELS

Solid Forged Steel, Oil Tempered, Oil
Finished Body, Polished Bit.

- | | | | |
|------------------|--------|------|-------|
| Bit, Inches..... | 1¼ | 1¾ | 1½ |
| Length, Inches.. | 7¼ | 8¼ | 8½ |
| Wt. Each, Lbs.. | 2 | 2½ | 2¾ |
| Per Dozen..... | \$7.20 | 9.00 | 10.80 |

NAIL HAMMERS

PLUMB AU-TO-GRAF LINE

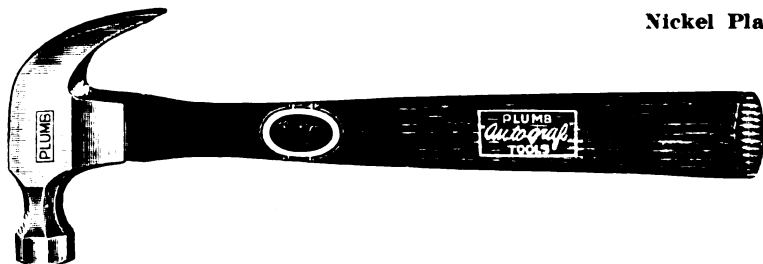
Each tool is handsomely labeled in rich colors of gold and red, an attractive combination. Each label bearing the assurance that it is the best tool possible to make, regardless of expense.

Each tool has a tag bearing the selling points of the tool, a manifest advantage, as it not only educates the dealer as to talking points, but on reverse side the tag bears in plain figures the price to consumer.

These Nail Hammers are designed with large, full face, easy to strike a nail, rolled back claws, with the split as the high point to grip a nail driven close and with the famous claw with knife-like edges which grasps a headless nail or pulls a nail point first through a board.

The handles are specially shaped, highest grade, and beautifully finished.

Nickel Plated.



Octagon Neck, Octagon Face, Handsomely Finished and Nickel Plated, Cherry Handle.

Nos.	C11	C12
Size	1 1/2	2
Weight Each	1 lb. 1 oz.	14 oz.
Weight Per Dozen, Lbs..	20	15
Per Dozen	\$20.00	19.50

One-half Dozen in a Box.

EXPERT'S TRIPLE-CLAW



Round Neck, Round Face, Highly Polished Hickory Handle.

No. TC1 1/2—Size 1 1/2, Weight Each 1 Lb.....	Per Dozen \$18.00
Weight Per Dozen 19 Pounds.	
One-half Dozen in a Box.	

Two Hammers in one. First improvement in Nail Hammers in years.

Draws nails in the corner or against a beading—nails that no other hammer can reach—and draws them straight without putting a block under the head of the hammer.



All the advantages of the Plumb Nail Hammer, and their patented small claws that double the efficiency of the tool.

PLUMB LEADER



Round Neck, Round Face, Highly Polished Hickory Handle.

Nos.	A11	A11 1/2	A12
Size	1 1/2	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.
Weight Per Dozen, Lbs.....	21 1/2	19	14
Per Dozen	\$13.00	12.50	12.00

One-half Dozen in a Box.

The highest grade, best designed, best finished hammer ever offered at a reasonable price.

It should be the best selling hammer in your stock.

EXPERT'S KNOCK-ABOUT



Round Neck, Round Face, Highly Polished Hickory Handle.

No. K1—Weight Each 1 Lb. 4 Oz., Weight Per Dozen 21 1/2 Lbs.	Per Dozen \$16.00
One-half Dozen in a Box.	

Note—Above Weights Each do not Include Handles.

The Expert's Knock-About Hammer, as the name implies, is a special tool for all-round work, and especially useful around a farm for fencing, the staple puller, for ripping or gouging, the small claw for drawing nails in out-of-the-way places, together with all the features of the Plumb design of regular Nail Hammers, produces a tool unequalled for general service.

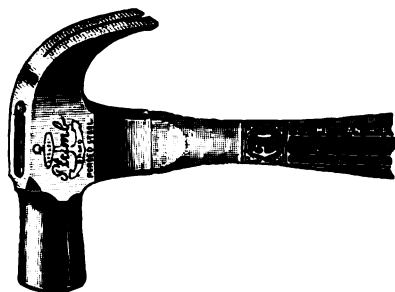
Built heavy to stand rough work.

The Hammer wanted by the general man.



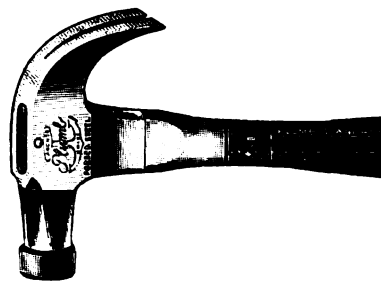
NAIL HAMMERS

PLUMB BRAND



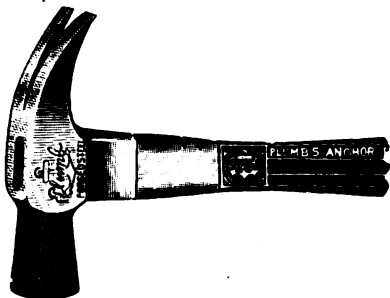
Round, Adze Eye, Forged Steel, Highly Polished Hickory Handles.

Nos.	70	71	72	73	74
Size	0	1	1½	2	3
Weight Each.	1 lb. 12 oz.	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Wt. Doz., Lbs.	25	23	20	17	11
Per Dozen....	\$17.00	13.00	12.00	11.00	10.50



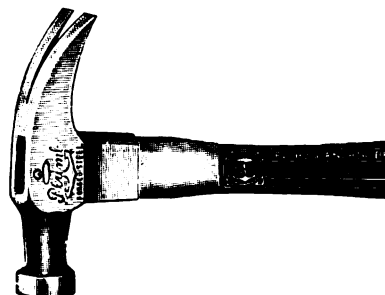
Bell Face, Adze Eye, Forged Steel, Highly Polished, Hickory Handle.

Nos.	80	81	82	83	84
Size	1	1½	2	3	4
Weight Each....	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.	4 oz.
Wt. Per Dozen, Lbs.	25	22	17	11	9
Per Dozen	\$13.00	12.00	11.00	10.50	10.00



Round Ripping, Adze Eye, Forged Steel, Full Polished, Hickory Handle.

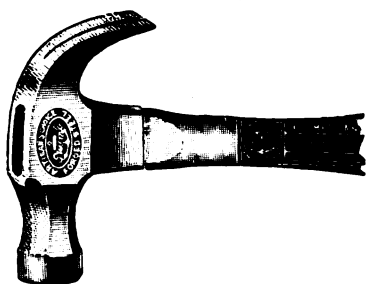
Nos.	75	76
Size	1	1½
Weight Each	1 lb. 4 oz.	1 lb.
Weight Per Dozen, Lbs.....	23	20
Per Dozen	\$13.00	12.00



Bell Face Ripping, Adze Eye, Forged Steel, Polished, Hickory Handle.

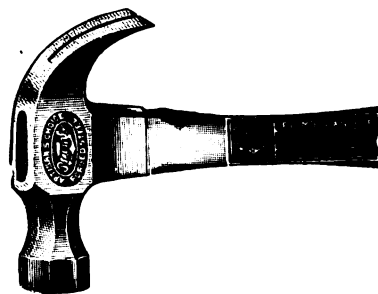
Nos.	85	86
Size	1	1½
Weight Each	1 lb. 4 oz.	1 lb.
Weight Per Dozen, Lbs.....	23	20
Per Dozen	\$13.00	12.00

PLUMB'S BRAND EXTRA TOOL STEEL



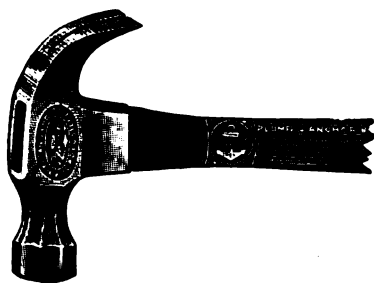
Round Face, Octagon Neck, Adze Eye, Forged Steel, Nickel Plated, Hickory Handle.

Nos.	20	21	22	23
Size	1	1½	2	3
Weight Each	1 lb. 5 oz.	1 lb. 1 oz.	14 oz.	8 oz.
Wt. Per Dozen, Lbs..	24	21	16	15
Per Dozen	\$19.00	18.00	17.00	16.00



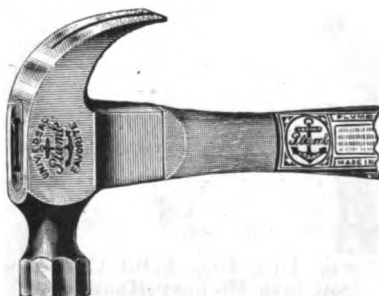
Octagon Face and Neck, Adze Eye, Forged Steel, Nickel Plated, Hickory Handle.

Nos.	020	021	022
Sizes	1	1½	2
Weight Each	1 lb. 5 oz.	1 lb. 1 oz.	14 oz.
Weight Per Dozen, Lbs...	24	21	16
Per Dozen	\$19.00	18.00	17.00



Octagon Face and Neck, Adze Eye, Forged Steel, Nickel Plated, Ebonized Hickory Handle.

No.	011
Size	1½
Weight Each	1 lb. 1 oz.
Weight Per Dozen, Lbs....	21
Per Dozen	\$20.00



Octagon Face, Round Neck, Adze Eye, Forged Steel, Hickory Handle.

No. 26—Size 1½, Weight Each	Per Dozen
1 Lb. 1 Oz.....	\$13.50
Nickel Plated.	
No. 46—Size 1½	15.00



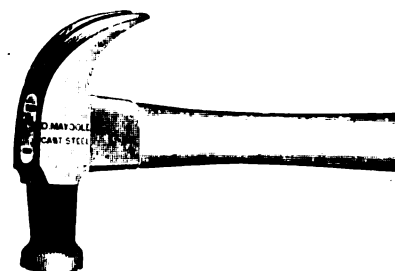
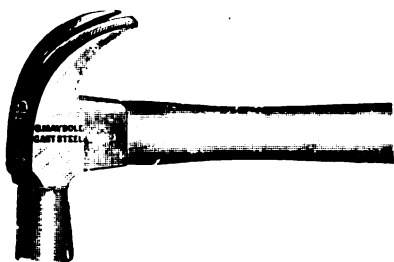
Round Face and Neck, Adze Eye, Forged Steel, Nickel Plated, Special "Notire" Hickory Handle.

No. 65—Size 1½, Weight Each	Per Dozen
1 Lb. 1 Oz., Weight Per	
Dozen 21 Lbs.....	\$15.00

All Above, One-half Dozen in a Box.
 Note—Above Weights Each Do Not Include Handles.

NAIL HAMMERS

MAYDOLE'S

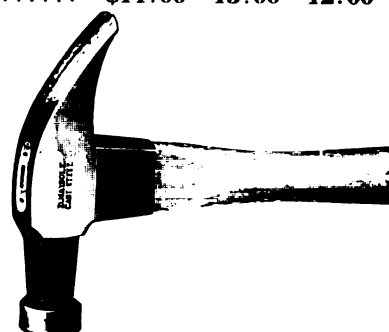
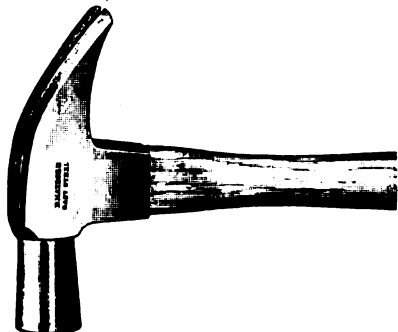


Round, Adze Eye, Solid Crucible Cast Steel, Full Polished,
Selected Hickory Handle.

Nos.	1	1 1/2	2	3
Weight Each.....	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Wt. Per Dozen, Lbs.	23	20	17	11
Per Dozen	\$14.00	13.00	12.00	11.00

Bell Face, Adze Eye, Solid Crucible Cast Steel, Polished,
Selected Hickory Handles.

Nos.	11	11 1/2	12	12 1/2	13
Weight Each.....	1 lb. 3 oz.	1 lb.	12 oz.	10 oz.	7 oz.
Wt. Dozen, Lbs...	22 1/2	20	16 1/2	14	11
Per Dozen.....	\$14.00	13.00	12.00	11.50	11.00



Round Straight Claw, Solid Crucible Cast Steel, Full Polished,
Selected Hickory Handle.

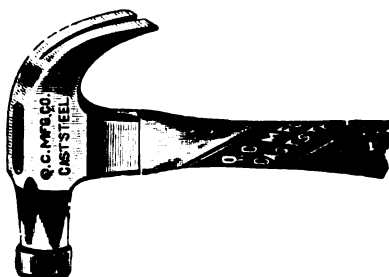
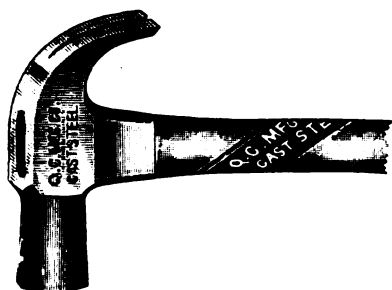
Nos.	701	701 1/2	702
Weight Each.....	1 lb. 4 oz.	1 lb.	13 oz.
Weight Per Dozen, Lbs...	23	20	17
Per Dozen	\$14.00	13.00	12.00

Bell Face, Adze Eye, Solid Crucible Cast Steel, Polished,
Selected Hickory Handle.

Nos.	711	711 1/2
Weight Each.....	1 lb. 3 oz.	1 lb.
Weight Per Dozen, Lbs.....	22 1/2	20
Per Dozen	\$14.00	13.00

QUAKER CITY

COMMERCIAL BLUE



Round, Adze Eye, Solid Cast Steel,
Polished, Hickory Handle.

Nos.	130	131	132
Size	1 1/2	2	3
Weight Each.....	1 lb. 13 oz.	7 oz.	
Wt. Per Doz., Lbs.	20	17	11
Per Dozen.....	\$8.50	8.25	8.00

Bell Face, Adze Eye, Solid Cast Steel,
Polished, Hickory Handle.

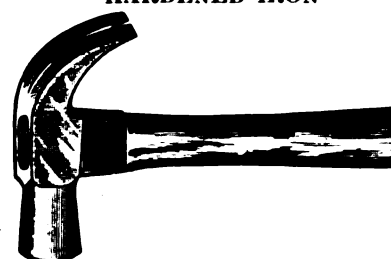
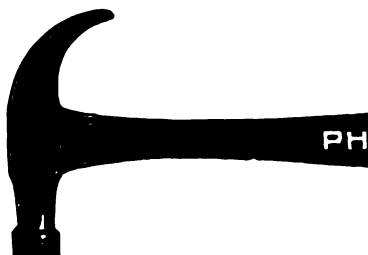
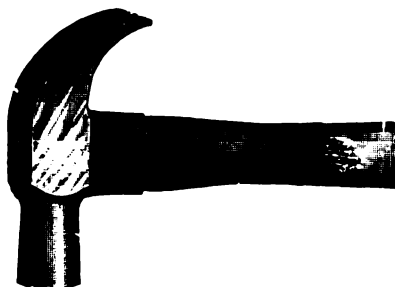
Nos.	140	141	142
Size	1 1/2	2	3
Weight Each.....	1 lb. 13 oz.	7 oz.	
Wt. Per Doz., Lbs.	20	17	11
Per Dozen.....	\$8.50	8.25	8.00

Round, Adze Eye, Solid Forged Steel,
Fire Blued, Hickory Handle.

No.	121
Size	1 1/2
Weight Each, Lbs.....	1
Weight Per Dozen, Lbs.....	20
Per Dozen	\$10.00

CAST STEEL

HARDENED IRON



Round, Adze Eye, Solid Steel, Polished,
Hickory Handle.

No.	6
Size	1 1/2
Weight Each, Lbs.....	1
Weight Per Dozen, Lbs.....	20
Per Dozen	\$5.50

Bell Face, Adze Eye, Solid Cast Steel,
Polished, Hickory Handle.

Nos.	017	17
Size	1 1/2	3
Weight Each.....	1 lb.	10 oz.
Weight Per Dozen, Lbs.	20	16
Per Dozen	\$5.00	4.00

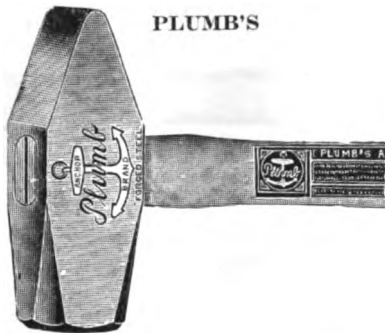
Adze Eye, Cast Iron, Hardened, Size 1 1/2,
Weight Each 1 Pound.

No.	10	15
Size	1 1/2	1 1/2
Weight Each, Lbs.....	1	1
Weight Per Dozen, Lbs.....	20	20
Per Dozen	\$2.25	\$3.00

All Above, One-half Dozen in a Box.

Note—Above Weights Each Do Not Include Handles.

BLACKSMITHS' HAND HAMMERS

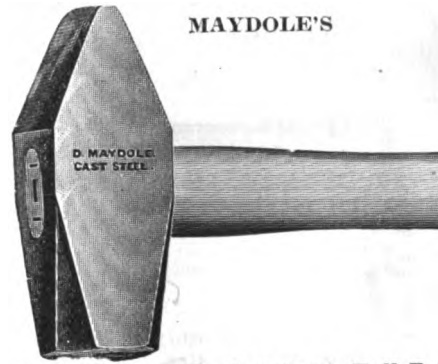


PLUMB'S

Wedge Pein, Forged Steel, Highly Polished, Selected Hickory Handle.

Nos.	281	282	283	284	285
Size	1	2	3	4	5
Weight Each..	2 lb.	2 lb. 10 oz.	3 lb.	3 lb. 8 oz.	4 lb. 8 oz.
Wt. Doz., Lbs.	30 ¾	39	43 ¾	48	62
Per Dozen....	\$14.00	15.00	16.00	17.00	19.00

One-third Dozen in a Box.



MAYDOLE'S

Wedge Pein, Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	62	61
Weight Each	2 lb. 10 oz.	3 lb.
Weight Per Dozen, Lbs.	43	48
Per Dozen	\$17.00	18.00

One-third Dozen in a Box.

PLOW OR ENGINEERS' HAMMERS

PLUMB'S

PLUMB'S



Face Will Not Crack or Chip.



Eyes Toughened, Will Not Break.

Single Face, Riveting Pein, Forged Steel, Highly Polished, Selected Hickory Handle.

Nos.	260	261
Size	0	1
Weight Each...	1 lb. 2 oz.	1 lb. 10 oz.
Wt. Dozen, Lbs.	21	25 ½
Per Dozen....	\$12.00	13.00

Nos.	262	263
Size	2	3
Weight Each...	2 lb.	2 lb. 8 oz.
Wt. Dozen, Lbs.	30 ¾	37 ½
Per Dozen....	\$14.00	15.00

One-third Dozen in a Box.

Double Faced, Forged Steel, Highly Polished, Selected Hickory Handle.

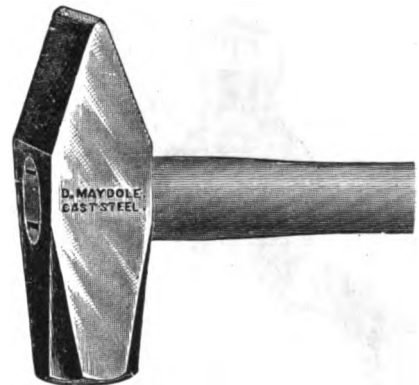
Nos.	271	272
Size	1	2
Weight Each...	2 lbs.	2 lb. 6 oz.
Wt. Dozen, Lbs.	31 ½	35 ¾
Per Dozen....	\$15.50	16.50

Nos.	273	274
Size	3	4
Weight Each...	3 lbs.	3 lb. 10 oz.
Wt. Dozen, Lbs.	43 ½	55 ½
Per Dozen....	\$18.00	19.50

One-third Dozen in a Box.

ENGINEERS' HAMMERS

MAYDOLE'S



Single Face, Riveting Pein, Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

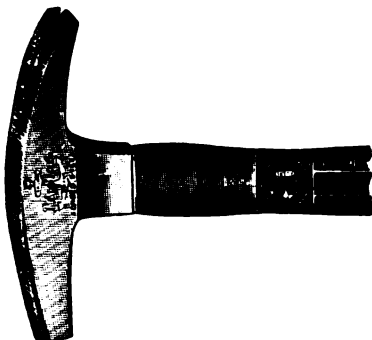
Nos.	92	91
Weight Each...	1 lb. 12 oz.	2 lb. 4 oz.
Wt. Dozen, Lbs.	31	38
Per Dozen....	\$15.00	16.00

One-third Dozen in a Box.

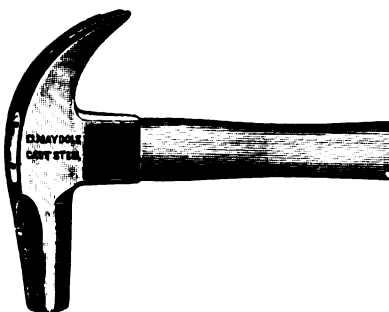
FARRIERS' HAMMERS

MAYDOLE'S

HELLER'S



PLUMB'S

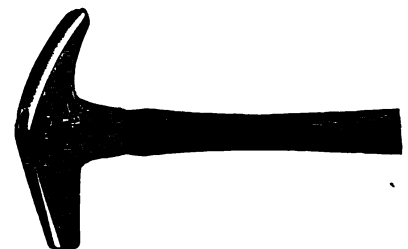


Round Pattern, Adze Eye. Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

No. 172—Weight Each 10 Oz.	\$11.00
Weight Per Dozen 14 Pounds.	
One-half Dozen in a Box.	

Octagon Pattern, Adze Eye. Forged Steel, Highly Polished, Selected Hickory Handle.

No. 172—Weight Each 10 Oz.	\$11.00
Weight Per Dozen 14 Pounds.	
One-half Dozen in a Box.	



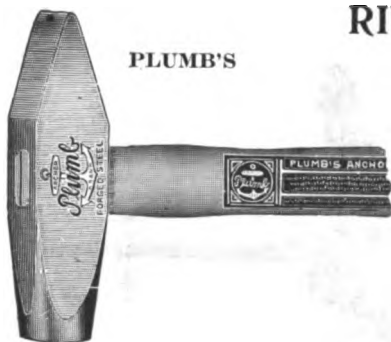
Octagon Pattern, Adze Eye. No. 64—Special Refined Crucible Tool Steel, Polished, Hickory Handle.

★Wt. Each, Lbs.	14	16	18
Wt. Dozen, Lbs.	12	13	15
Per Dozen....	\$14.00	14.00	14.00

★These Weights Include Handle. One-half Dozen in a Box.

Note—Above Weights Each Do Not Include Handles.

RIVETING HAMMERS



PLUMB'S

Plain Eye, Solid Forged Steel, Highly Polished, Selected Hickory Handles.

Nos.	250	251	252	253
Size	0	1	2	3
Weight Each.....	4 oz.	7 oz.	9 oz.	12 oz.
Wt. Per Dozen, Lbs.	6 ½	7 ½	9 ¾	13 ½
Per Dozen	\$7.50	8.00	8.50	9.00
Nos.	254	255	256	257
Size	4	5	6	7
Weight Each.....	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 10 oz.
Weight Dozen, Lbs.	15 ¼	17	20	25
Per Dozen	\$9.50	10.00	10.50	11.50

One-half Dozen in a Box.



PLUMB'S, BALL PEIN

MACHINISTS' HAMMERS

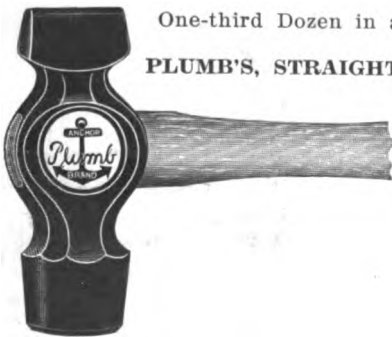
Added Strength Over Eye
Prevents Breakage.

Cone Shaped Pein
Spreads Rivets.

Octagon Pattern, Solid Hand Forged Cast Steel, Non-Rust Finish, Selected Hickory Handle.

Nos.	HF369	HF370	HF371	HF372	HF373
Size	5-0	4-0	3-0	2-0	1-0
Weight Each.	4 oz.	6 oz.	8 oz.	12 oz.	1 lb.
Wt. Doz., Lbs.	6	7 ½	9	12 ½	17 ½
Per Dozen....	\$8.50	8.50	8.50	8.50	9.00
Nos.	HF374	HF375	HF376	HF377	HF378
Size	1	2	3	4	5
Weight Each.	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.	2 lb.	2 lb. 4 oz.
Wt. Doz., Lbs.	20	24	26 ¾	31	34
Per Dozen....	\$9.50	10.00	10.75	11.50	12.00
Nos.	HF379	HF380	HF381	HF382	
Size	6	7	8	9	
Weight Each.	2 lb. 8 oz.	2 lb. 12 oz.	3 lb.	3 lb. 8 oz.	
Wt. Doz., Lbs.	37	40 ½	45	49 ½	
Per Dozen....	\$18.00	14.00	15.50	17.00	

One-third Dozen in a Box.



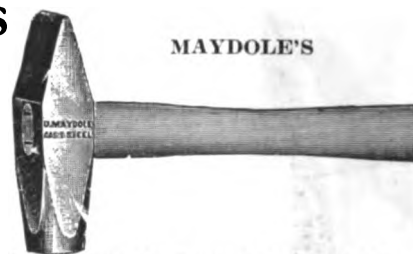
PLUMB'S, STRAIGHT PEIN

Octagon Pattern, Solid Hand Forged Cast Steel, Non-Rust Finish, Selected Hickory Handle.

Nos.	HF392	HF394	HF395
Size	1-0	1	2
Weight Each	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Weight Per Dozen, Lbs.	17 ½	20	24
Per Dozen	\$11.00	12.00	13.00

One-third Dozen in a Box.

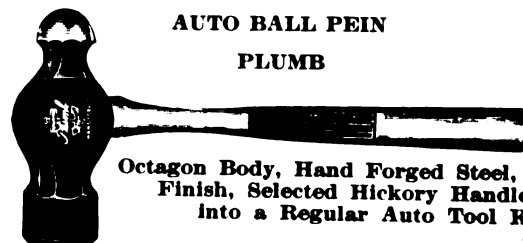
Note—Above Weights Each Do Not Include Handles.



MAYDOLE'S

Plain Eye, Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	48	42	41
Weight Each	7 oz.	13 oz.	1 lb. 2 oz.
Weight Per Dozen, Lbs.	9 ½	15	20
Per Dozen	\$8.50	9.50	12.00



AUTO BALL PEIN

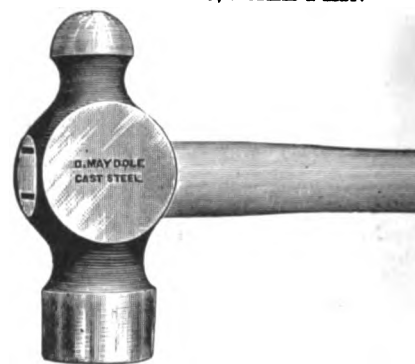
PLUMB

Octagon Body, Hand Forged Steel, Non-Rust Finish, Selected Hickory Handle, Fits into a Regular Auto Tool Kit.

No. 0372—Weight Each 12 Oz. \$7.00
Weight Per Dozen 14 Pounds.

One-half Dozen in a Box.

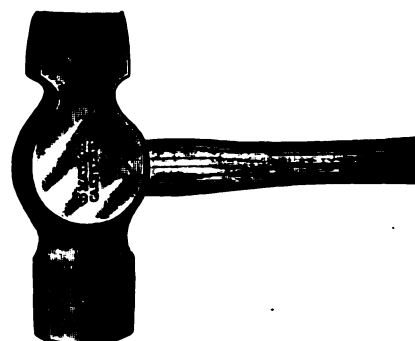
MAYDOLE'S, BALL PEIN



Round Pattern, Solid Crucible Cast Steel, Face, Side and Pein Polished, Selected Hickory Handle.

Nos.	74	73	72
Weight Each.....	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Weight Per Dozen, Lbs.	22	26	31
Per Dozen	\$18.50	14.50	16.50
Nos.	71	70 ½	70
Weight Each.....	1 lb. 14 oz.	2 lb. 4 oz.	3 lb.
Weight Per Dozen, Lbs.	36	42	52
Per Dozen	\$18.00	22.50	24.00

MAYDOLE'S CHIPPING



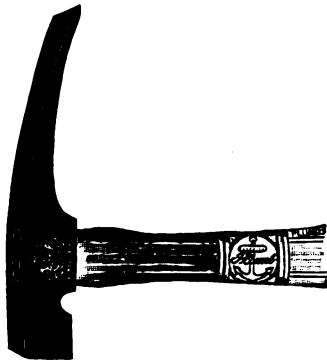
Round Pattern, Solid Crucible Cast Steel, Face, Side and Pein Polished, Selected Hickory Handle.

Nos.	102	101	100
Weight Each	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 12 oz.
Weight Per Dozen, Lbs.	23	27	32
Per Dozen	\$14.00	15.00	17.00

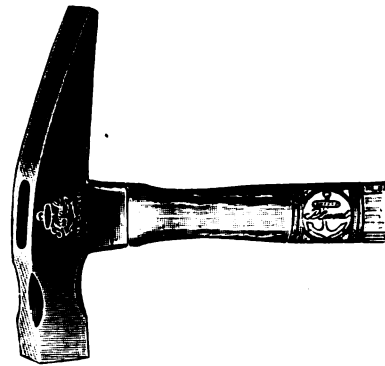
One-third Dozen in a Box.

BRICK HAMMERS

PLUMB'S



In these Patterns of
Brick Hammers are con-
centrated all the essential
features.



Plain Eye, Chicago Pattern.

Solid Forged Steel, Oil Finish, Selected Hickory Handle.

Nos.	2580	2581
Size	1	2
Weight Each	1 lb. 8 oz.	2 lb.
Weight Per Dozen, Lbs.	26	29
Per Dozen	\$14.00	15.00

One-half Dozen in a Box.

Adze Eye.

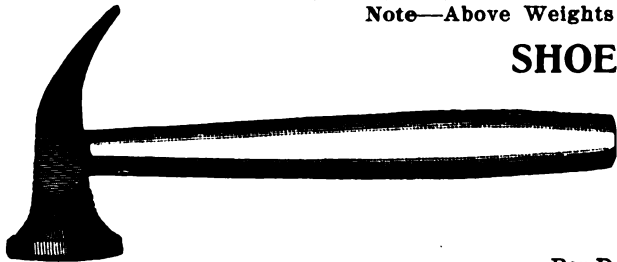
Solid Forged Steel, Highly Polished, Selected Hickory Handle.

Nos.	461	462
Size	1	2
Weight Each	1 lb. 8 oz.	2 lb.
Weight Per Dozen, Lbs.	26	29
Per Dozen	\$16.00	17.00

One-half Dozen in a Box.

Note—Above Weights Each Do Not Include Handles.

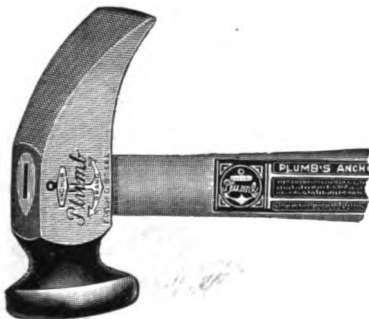
SHOE HAMMERS



No. 4—Cast Iron, Polished Face, Japanned Body, Hard-
wood Handle, Weight with Handle 12 Oz. \$1.50
Weight Per Dozen 11 Pounds.
One-half Dozen in a Box.

SHOE HAMMERS

PLUMB'S

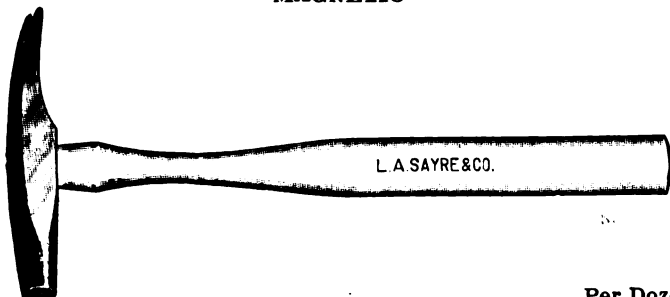


Solid Forged Steel, Highly Polished, Selected Hickory Handle.

No. 455—Size 2, Weight Each without Handle 15 Oz. \$10.00
Weight Per Dozen 15 ½ Pounds.
One-half Dozen in a Box.

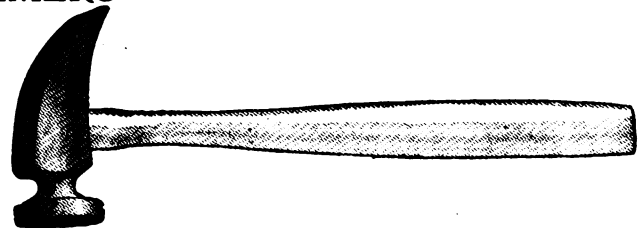
TACK HAMMERS

MAGNETIC



Per Dozen

No. 271—5 Oz., Polished Cast Steel Head, 12 inch Pol-
ished Hickory Handle. \$5.00
Permanent Horseshoe Pattern Magnet, Carefully Finished.
Weight Per Dozen 7 ½ Pounds.
One-half Dozen in a Box.



No. 8—Solid Cast Steel, Polished Hickory Handle,
Weight with Handle 13 Oz. \$5.00
Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

UPHOLSTERERS' HAMMERS

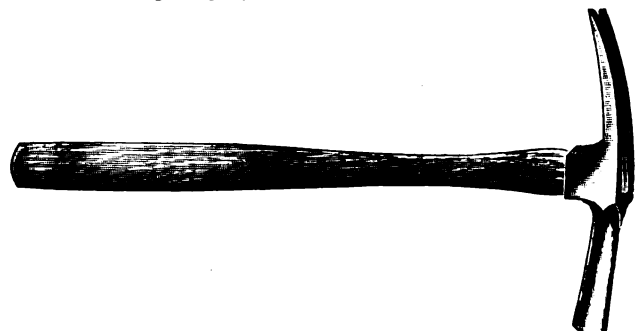


Per Dozen

No. 123—Solid Steel, Polished, Tack Puller Claw
at Upper End of Head, 11 inch Oval Han-
dle with Firmly Riveted Rosewood Sides,
Size of Face ¼, ⅜, ½ and ¾ inch. \$18.00
Note—State Size of Face when Ordering.
One-half Dozen in a Box.

TACK HAMMERS

UPHOLSTERERS' PATTERN

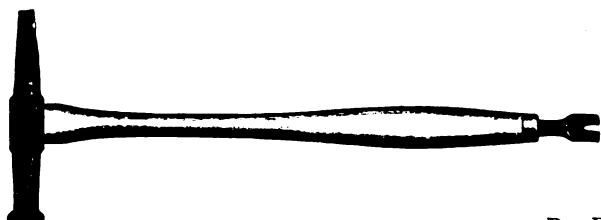


Per Dozen

No. 55—5 ½ inch Nickel Plated Iron Head, 10 ½ inch
Polished Hardwood Handle, Carefully Hung and
Well Balanced \$1.50
Weight Per Dozen 5 Pounds.
One Dozen in a Box.

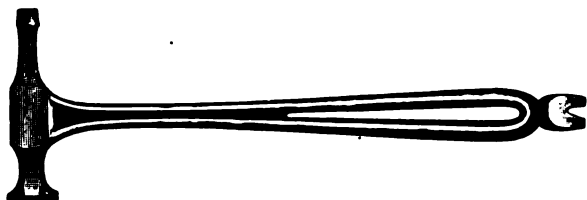
TACK HAMMERS

MAGNETIC



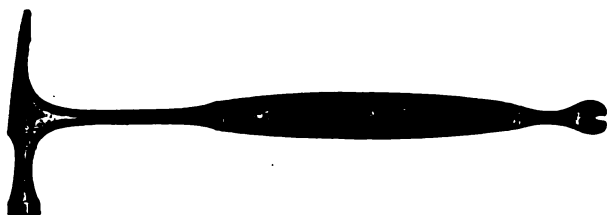
- No. 2—4 inch Tinned Malleable Iron Head, 11 1/2 inch Polished Hardwood Handle, with Claw in Handle.....\$1.75
Per Dozen
Weight Per Dozen 1 1/4 Pounds.
One Dozen in a Box.

CAST



- No. 5—8 inches Long, Cast Iron, Dark Brown Enam-
eled, with Claw Handle.....\$0.90
Per Dozen
Weight Per Dozen 5 Pounds.
One Dozen in a Box.

STANLEY'S



- No. 4—10 3/4 inches Long, 4 inch Head, Handle Claw and
Head One Piece Malleable Iron, Handle Inlaid with
Two Wooden Strips Securely Riveted, Metal Parts
Plated, Claw in Handle, Long Wedge Pein.....\$3.50
Per Dozen
Weight Per Dozen 5 1/4 Pounds.
One Dozen in a Box.

TACK PULLERS



- No. 6—Giant, 6 inches Long, Polished Steel Claw, Black
Enamelled Handle, Nickel Plated Ferrule.....\$1.00
Per Dozen
Weight Per Dozen 3 Pounds.
One Dozen in a Box.

TACK CLAWS



- No. 5K—Kant Break, Reinforced Steel Claw, Steel
Shank, Nickel Finish, Enamelled Wood Handle....\$1.50
Per Dozen
Weight Per Dozen 3 1/2 Pounds.
One Dozen in a Box.



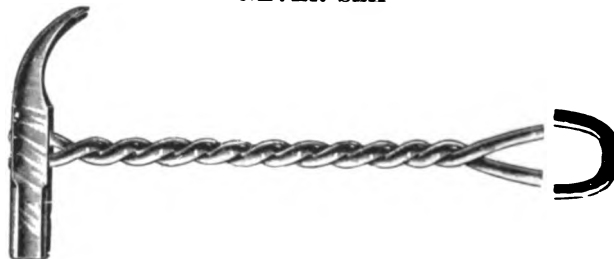
- No. 3—Cast Steel, Polished, Long Shank, Black Enam-
elled Handle, Nickel Plated Ferrule.....\$1.25
Per Dozen
Weight Per Dozen 4 Pounds.
One Dozen in a Box.

CAST HEAD



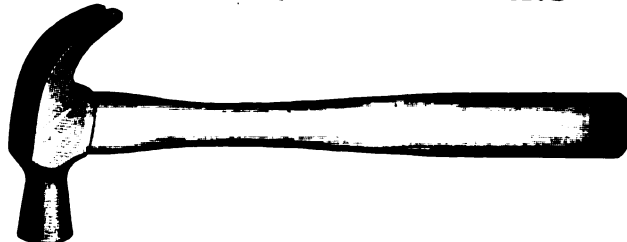
- No. 25—11 inches Long, Full Polished Iron Head, Hard-
wood Handle, with Claw in Handle.....\$1.25
Per Dozen
Weight Per Dozen 4 Pounds.
One Dozen in a Box.

NEVER SLIP



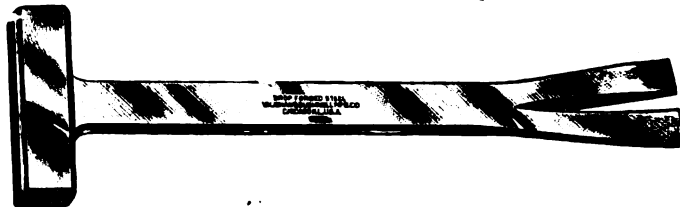
- No. 30—11 inches Long, 3 3/8 inch Malleable Iron Head,
1/2 x 1/2 inch Poll, No. 5 Twisted Steel Wire Handle
Riveted Through Head, with Claw, Completely Re-
tinned.....\$2.50
Per Dozen
Weight Per Dozen 8 Pounds.
One Dozen in a Box.

LADIES' PRIDE HAMMERS



- No. 1—Converted Steel, Adze Eye, Full Polished, 11 1/2
inch Varnished Handle.....\$1.25
Per Dozen
Weight Per Dozen 9 Pounds.
One Dozen in a Box.

CRATE OPENERS



- No. 20—9 inches Long, 2 3/4 inch Head, One Piece Drop
Forged Steel, Full Polished, Oil Tempered Head
and Claws, Checkered Faces, Magnetized Claw...\$10.50
Per Dozen
Weight Per Dozen 12 1/4 Pounds.
One Dozen in a Box.

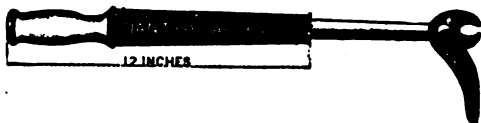
BOX CHISELS



- No. 10—12 inches Long, 1 1/8 inch Body, Solid Forged
Steel, Oil Tempered Claws, Full Polished, Black
Painted Head.....\$10.50
Per Dozen
Weight Per Dozen 10 Pounds.
One-half Dozen in a Box.

NAIL PULLERS

GENUINE GIANT IMPROVED



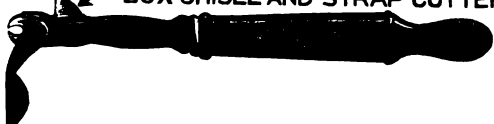
- Each
- No. 2—15 inches Long when Closed, Highly Polished Swedish Steel Foot and Claw, White Enameled Head, Black Enameled Octagon Rammer with 12 inch Measure, Weight Each 3 Lbs. \$1.50
- No. 1—18 inches Long, Otherwise Same as No. 2, Weight Each 5 Lbs. 2.00
- One in a Paper.

EXTRA PARTS FOR Nos. 1 AND 2 GIANT

For No. 1.	Each	For No. 2.	Each
No. 326—Short Jaw...	\$0.60	No. 328—Short Jaw...	\$0.40
No. 329—Long Jaw...	.90	No. 331—Long Jaw...	.70
No. 332—Rammer ....	.60	No. 334—Rammer ....	.40
No. 335—Top Rivet...	.10	No. 335—Top Rivet...	.10
No. 336—Spring Rivet with Washer .....	.20	No. 338—Spring Jaw Rivet and Washer...	.20

GENUINE GIANT RED DEVIL

BOX CHISEL AND STRAP CUTTER



Nail Puller, Box Opener, Box Chisel and Strap Cutter Combined.

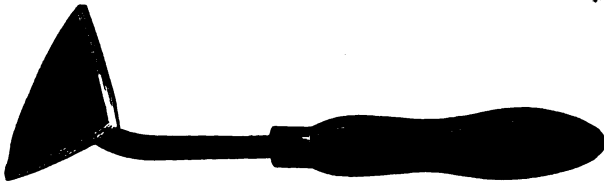
- Each
- No. 101—18 inches Long when Closed, Highest Grade Forged Tool Steel Jaws, Polished, Best Grade Iron Rammer, Enameled Black, Weight Each 6 Lbs. \$2.00
- Jaws open by gravity, no springs to get out of order, no pinching, no rolling. Jaws can't get out of order.

EXTRA PARTS FOR No. 101

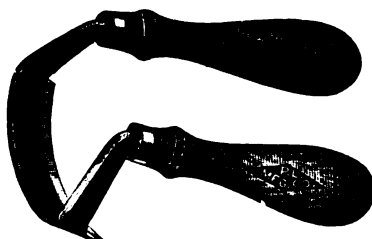
Each		Each	
No. 4—Rammer	\$0.65	No. 12—Long Jaw....	\$0.95
No. 16—Rivet .....	.20	No. 14—Short Jaw....	.65

One in a Paper.

BOX SCRAPERS



- Per Dozen
- No. 21—Triangular Cast Steel Blade with 3 Cutting Edges, Wood Handle..... \$7.50
- Extra Blades, for No. 21..... 4.00
- One-half Dozen in a Box.



- Per Dozen
- No. 18—4 1/4 x 1 1/2 inch Solid Forged Steel Blade, 5 inch Wood Handles \$10.00 |

One-half Dozen in a Box.

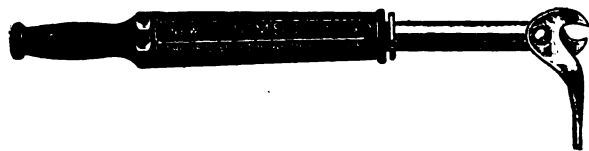


- Per Dozen
- No. 70—13 inches Long, 2 inch Adjustable Tool Steel Cutter, Malleable Iron Frame, Polished Maple Handle \$8.00 |

Extra Cutters, for No. 70..... 2.00

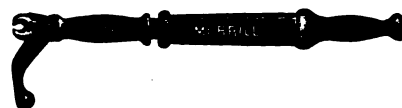
One-half Dozen in a Box.

NEW JUMBO



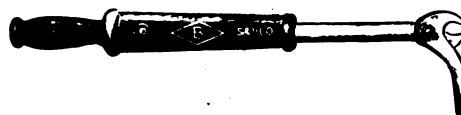
- Each
- No. 57—18 inches Long when Closed, Highest Grade Tool Steel Jaws and Shank, Hardened and Tempered, Highly Polished, Iron Rammer, Enameled Black, Hand Guard Protecting User, Weight Each 5 Lbs. \$1.60
- One in a Paper.

MORRILL'S



- Each
- No. 1M—18 inches Long when Closed, Forged Steel Jaws, Foot and Shank, I Beam Section Forged Finish, Japanned Cast Rammer, Box Joint Jaws, Jaws Open by Gravity, no Springs, Weight Each 4 Lbs. \$2.00
- One in a Paper.

DIAMOND B



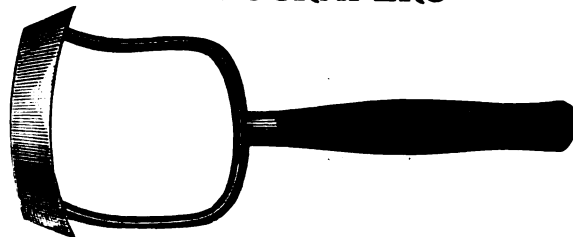
- Each
- No. 13—18 inches Long when Closed, Tempered Steel Jaws, Polished Steel Shank, Japanned Iron Rammer, Weight Each 5 Lbs. \$1.15
- One in a Paper.

NAIL CLAWS



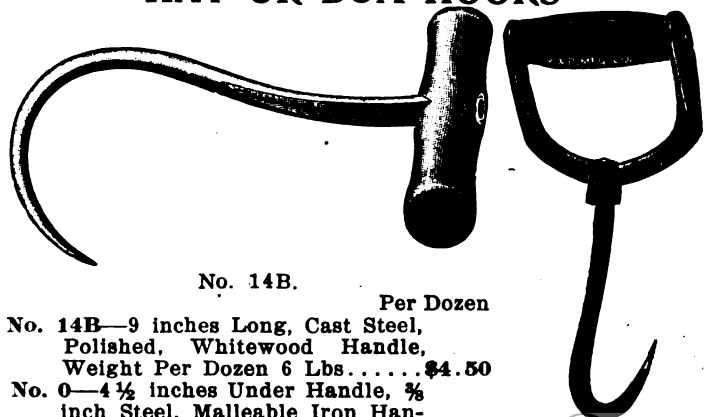
- Per Dozen
- No. 02—5 Prongs, 12 inches Long, 1/2 inch Wrought Steel, Painted Black, Weight Per Dozen 15 Lbs. \$5.00

BOX SCRAPERS



- Per Dozen
- No. 22—Cast Steel Blade, Screwed on, Wood Handles... \$10.00
- One-half Dozen in a Box.

HAY OR BOX HOOKS



- No. 14B.
- Per Dozen
- No. 14B—9 inches Long, Cast Steel, Polished, Whitewood Handle, Weight Per Dozen 6 Lbs. \$4.50
- No. 0—4 1/2 inches Under Handle, 3/4 inch Steel, Malleable Iron Handle, Weight Per Dozen 13 Lbs. 4.50

AUGER BITS

COMMON



No. 1—Cast Steel, Double Spurs and Lips, Full Polished.

Inches, 16ths	3	4	5	6	7	8	9	10	11	12
Weight Per Dozen, Lbs....	1	1 1/4	1 1/2	1 3/4	2	2 1/2	2 3/4	3	3 1/2	3 3/4
Per Dozen	\$3.00	3.00	3.00	3.00	3.00	3.00	3.30	3.60	4.20	4.20
Inches, 16ths	13	14	15	16	17	18	20	22	24	28
Weight Per Dozen, Lbs....	4 1/4	5	5 1/4	5 1/2	5 3/4	6	7	8	9	10
Per Dozen	\$4.80	4.80	5.40	5.40	6.30	6.30	7.20	8.10	9.00	11.40

3 to 8/16, One Dozen; 9 to 16/16, One-half Dozen; 18 to 28/16, One-quarter Dozen in a Box.

No. 01 Set—32 1/4 Quarters, 13 Bits, Assorted, One Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16, One Set in a Box. Per Set \$4.50

CHALLENGE



No. 2—Jennings' Pattern, Good Quality Cast Steel, Extension Lip, Blue Finished Twist.

Inches, 16ths	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	20
Weight Per Dozen, Lbs....	1	1 1/4	1 1/2	1 3/4	2	2 1/2	2 3/4	3	3 1/2	3 3/4	4 1/4	5	5 1/4	5 1/2	6	7
Per Dozen	\$3.60	3.60	3.60	3.60	3.60	3.60	4.00	4.35	5.05	5.05	5.80	5.80	6.50	6.50	7.60	8.70

One-half Dozen in a Box.

No. 02 Set—32 1/4 Quarters, 13 Bits, Assorted, One Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16, One Set in a Box. Per Set \$5.40

HUMPHREYVILLE



No. 3—Jennings' Pattern, Superior Cast Steel, Extension Lip, Full Polished.

Inches, 16ths	3	4	5	6	7	8	9	10	11	12
Weight Per Dozen, Lbs....	1	1 1/4	1 1/2	1 3/4	2	2 1/2	2 3/4	3	3 1/2	3 3/4
Per Dozen	\$4.00	4.00	4.00	4.00	4.00	4.00	4.40	4.80	5.60	5.60
Inches, 16ths	13	14	15	16	17	18	20	21	22	24
Weight Per Dozen, Lbs....	4 1/4	5	5 1/4	5 1/2	5 3/4	6	7	7 1/2	8	9
Per Dozen	\$6.40	6.40	7.20	7.20	8.00	8.00	9.60	10.80	10.80	12.00

3 to 22/16, One Dozen; 24/16, One-half Dozen in a Box.

No. 03 Set—32 1/4 Quarters, 13 Bits, Assorted, One Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16, One Set in a Box. Per Set \$6.00

IRWIN'S.



No. 62T—Forged Throughout from One Solid Piece of Badenger Formula Steel, Double Cutter, Extension Lip, Highly Polished Twist and Shank.

The great strength and clearance of the Irwin's Solid Center Bit is due to the shaft of steel that runs through the entire bit from screw to shank. Will bore more rapidly than those of other patterns.

Inches, 16ths	3	4	5	6	7	8	9	10	11
Weight Per Dozen, Lbs....	1	1	1	1	2	2	2	3	3
Per Dozen	\$4.75	4.75	4.75	4.75	4.75	4.75	5.25	5.70	6.65
Inches, 16ths	12	13	14	15	16	17	18	20	
Weight Per Dozen, Lbs....	4	4	4	5	6	6	6	8	
Per Dozen	\$6.65	7.60	7.60	8.60	8.60	10.00	10.00	11.40	

3 to 16/16, One-half Dozen; Balance, One-quarter Dozen in a Pasteboard Box.

AUGER BITS

RUSSELL JENNINGS STANDARD



No. 100—Genuine Crucible Tool Steel, Accurately Centered, Carefully Hardened and Tempered, Standard Double Thread Screw Point, Extension Lip, Polished.

The Standard Bit for use with Hand Brace. The Screw Point has a double thread, bores easily and cuts a smooth hole, recommended for general use. Especially appreciated by cabinet makers.

Inches, 16ths	3	4	5	6	7	8	9	10	11	12	13
Weight Per Dozen, Lbs....	1	1 1/4	1 1/2	1 3/4	2	2 1/2	2 3/4	3	3 1/2	3 3/4	4
Per Dozen	\$7.00	7.00	7.00	7.00	7.00	7.00	7.70	8.40	9.80	9.80	11.20
Inches, 16ths		14	15	16	17	18	20	22	24	26	28
Weight Per Dozen, Lbs....		4 3/4	5	5 1/4	5 1/2	6	7	8	9	9 1/2	10
Per Dozen		\$11.20	12.60	12.60	14.70	14.70	16.80	18.90	21.00	23.80	26.60

3 to 12/16, One Dozen; Balance, One-half Dozen in a Box.

RUSSELL JENNINGS QUICK BORING.



No. 101—Genuine Crucible Tool Steel, Accurately Centered, Carefully Hardened and Tempered, Coarse Single Thread Screw Point, Extension Lip, Polished.

These Bits have a coarse single thread on the point for rapid boring. For ordinary work in soft wood. Especially suited for use in gummy woods, as the thread will not clog. Not recommended for Cabinet Makers or for work where easy boring or smoothness of hole are essential features.

Inches, 16ths	3	4	5	6	7	8	9	10	11	12	13
Weight Per Dozen, Lbs....	1	1 1/4	1 1/2	1 3/4	2	2 1/2	2 3/4	3	3 1/2	3 3/4	4
Per Dozen	\$7.00	7.00	7.00	7.00	7.00	7.00	7.70	8.40	9.80	9.80	11.20
Inches, 16ths		14	15	16	17	18	20	22	24	26	28
Weight Per Dozen, Lbs....		4 3/4	5	5 1/4	5 1/2	6	7	8	9	9 1/2	10
Per Dozen		\$11.20	12.60	12.60	14.70	14.70	16.80	18.90	21.00	23.80	26.60

3 to 12/16, One Dozen; Balance, One-half Dozen in a Box.

FORD'S PATENT SINGLE LIP.



No. 4—Solid Crucible Cast Steel, Concave Twist, Single Extension Lip, Polished.

This Bit is the best all around Bit made, as it is suited for all kinds of work. It is noted for end grain boring.

Inches, 16ths.....	4	5	6	7	8	9	10	11	12	13	14	15	16
Wt. Dozen, Lbs....	1	1 1/4	1 3/4	2	2 1/2	2 3/4	3 1/4	3 1/2	4	4 1/2	5	5 1/2	6
Per Dozen	\$5.00	5.00	5.00	5.00	5.00	5.50	6.00	7.00	7.00	8.00	8.00	9.00	9.00

One-half Dozen in a Box.

FORD'S LONG



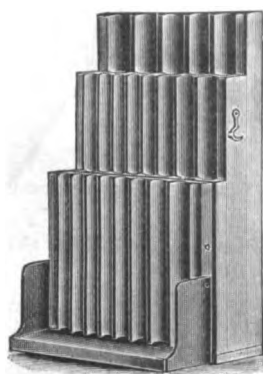
No. 4L—Solid Crucible Cast Steel, Single Extension Lip, Polished, 8 inch Twist, Length Over All 13 inches.

This Bit is just the tool to supply the demand for an Auger Bit long enough to bore through 8 inch timber without turning the work or without being obliged to use a tool as long as the regular Car Bit.

Inches, 16ths	4	5	6	7	8	9	10	11	12	13	14	15	16
Weight Per Dozen, Lbs....	2	2 1/4	2 1/2	3 1/4	3 1/2	4 1/2	5 1/2	6 1/4	6 3/4	7 1/4	8 1/4	8 3/4	9 1/2
Per Dozen	\$6.40	6.40	6.40	7.20	8.00	8.80	9.60	11.20	11.20	12.80	12.80	14.40	14.40

One-half Dozen in a Box.

AUGER BIT SETS



In Handy Bit Boxes.

Solid Beechwood Box, Oil Finish, Brass Hinges and Catch.

COMMON

Cast Steel, Double Spurs and Lips, Full Polished.

	Per Set
No. 10 Set—11 1/4 Quarters, 6 Bits, 1 Each 4, 5, 6, 8, 10 and 12/16ths	\$2.30
No. 15 Set—18 3/4 Quarters, 8 Bits, 1 Each 4, 5, 6, 8, 10, 12, 14 and 16/16ths	3.25
No. 30 Set—32 1/2 Quarters, 13 Bits, 1 Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16ths	5.00

CHALLENGE

Jennings Pattern, Good Quality Cast Steel, Extension Lip, Blue Finished Twist.

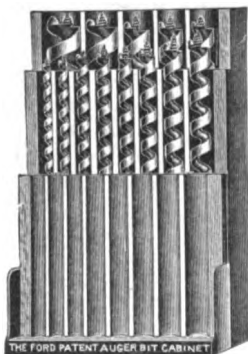
	Per Set
No. 20 Set—18 3/4 Quarters, 8 Bits, 1 Each 4, 5, 6, 8, 10, 12, 14 and 16/16ths	\$4.00
No. 40 Set—32 1/2 Quarters, 13 Bits, 1 Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16ths	6.50

HUMPHREYVILLE

Jennings Pattern, Superior Quality Cast Steel, Extension Lip, Full Polished.

	Per Set
No. 105 Set—32 1/2 Quarters, 13 Bits, 1 Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16ths	\$7.00

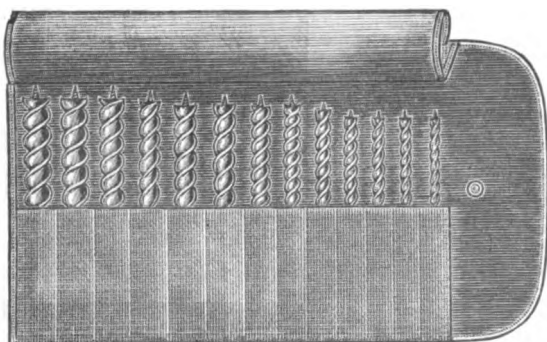
FORD'S PATENT SINGLE LIP



Solid Crucible Cast Steel, Concave Twist, Single Extension Lip, Polished.

	Per Set
No. 45 Set—32 1/2 Quarters, 13 Bits, 1 Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16ths, Put Up in a Handy Bit Box with Brass Hinges and Catch ..	\$7.50

CHALLENGE, IN ROLLS



Jennings Pattern, Good Quality Cast Steel, Extension Lip, Blued Finish Twist.

	Per Set
No. 65 Set—32 1/2 Quarters, 13 Bits, 1 Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16ths	\$5.25

IRWIN'S



In Fancy Two-Section Hardwood Boxes, Varnished, with Brass Hinges and Catches, Bottom Section Swings out on Hinges.

Forged Throughout from One Solid Piece of Badenger Formula Steel, Double Cutter, Extension Lip, Highly Polished Twist and Shank.

	Per Set
No. 48 Set—20 1/2 Quarters, Ten Bits, 1 Each 4, 5, 6, 7, 8, 10, 12, 14 and 16/16ths	\$4.90

	Per Set
No. 50 Set—32 1/2 Quarters, 13 Bits, 1 Each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16ths	\$7.25

RUSSELL JENNINGS STANDARD

In Fancy Hardwood Boxes, Varnished, with Brass Hinges and Catches.



Genuine Crucible Tool Steel, Accurately Centered, Carefully Hardened and Tempered, Standard Double Thread Screw Point, Extension Lip, Polished.

	Per Set
No. 55 Set—20 1/2 Quarters, 9 No. 100 Bits, 1 Each 4, 5, 6, 7, 8, 10, 12, 14 and 16/16ths, In 2-Section Hardwood box	\$6.90

Cut Showing Box Open at Upper Section.



Genuine Crucible Tool Steel, Accurately Centered, Carefully Hardened and Tempered, Standard Double Thread Screw Point, Extension Lip, Polished.

Cut Showing Box Open at Upper Section.

	Per Set
No. 60 Set—32 1/2 Quarters, 13 No. 100 Bits, 1 Each 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16ths, in Three-Section Hardwood Box	\$10.50

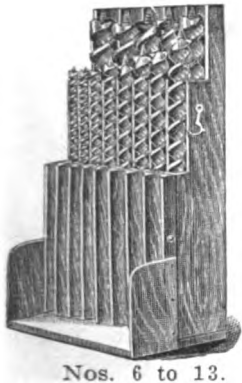
FARMER'S



Cast Steel, Polished, Blued Twist.

	Per Set
No. 5 Set—11 1/4 Quarters, 6 Bits, 1 Each 4, 5, 6, 8, 10 and 12/16ths, Put up in a Slide Cover Wood Box ..	\$1.50

AUGER BIT BOXES



HANDY
Solid Beechwood Box, Oil Finish, Brass Hinges and Catch; Each Bit has Separate Compartment of the Proper Size to Receive it.

Nos.	6	8	13
Capacity, Bits	6	8	13
Each	\$0.70	.80	1.00



Nos. 1 to 2.

AUGER BIT ROLLS

Strong Canvas, Flannel Lined, with Flap and Strap.

Each Bit has Separate Pocket which Protects it from Contact with the Others.

Nos.	1	2
Capacity, Bits	8	13
Each	\$0.40	.50

CAR BITS

FORD'S REGULAR.



No. 12—Solid Crucible Cast Steel, Concave Twist, Polished, 12 in. Twist, Length Over All 18 inches.

Designed for fine work and deep boring; warranted not to choke boring entire length of twist, bores perfectly smooth, leaves the wood without splintering.

Inches, 16ths	4	5	6	7	8	9	10	11
Weight Per Dozen, Lbs.....	1 3/4	2 1/2	3 1/4	4 1/4	5	6 1/4	6 3/4	9
Per Dozen	\$11.25	11.25	11.25	11.25	11.25	12.50	13.75	15.00
Inches, 16ths	12	13	14	15	16	17	18	20
Weight Per Dozen, Lbs.....	9 1/4	10	11 1/4	12 1/4	13 1/2	16 1/4	17	21 1/2
Per Dozen	\$16.25	17.50	19.00	20.50	22.00	24.00	26.00	30.00

One-half Dozen in a Box.

IRWIN'S



No. 65T—Forged Throughout from One Solid Piece of Badenger Formula Steel, Double Cutter, Extension Lip, Highly Polished Twist and Shank, 12 inch Twist, Length Over All 18 inches.

The great strength and clearance of the Irwin's Solid Center Bit, is due to the shaft of steel that runs through the entire bit from the screw to shank and will bore more rapidly than those of other patterns.

Inches, 16ths	4	5	6	7	8	9	10	11	12	13	14
Weight Per Dozen, Lbs...	3	3	4	4	5	6	7	7	8	9	10
Per Dozen	\$9.00	9.00	9.00	10.00	11.25	12.50	13.75	15.00	16.25	17.50	19.00
Inches, 16ths	15	16	17	18	19	20	21	22	23	24	
Weight Per Dozen, Lbs...	10	11	12	13	13	14	14	15	16	17	
Per Dozen	\$20.50	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	

4 to 16/16, One-half Dozen; Balance, One-quarter Dozen in a Box.

SHIP AUGER CAR BITS

FORD'S



No. 14—With Screw, Solid Crucible Cast Steel, Polished, 12 inch Black Twist, Length Over All 18 inches.

Designed for rough work and rapid boring. Adapted especially to car shop and electrical work. Will not clog in any work.

Inches, 16ths	6	7	8	9	10	11	12	13	14	15	16	17
Weight Per Dozen, Lbs...	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	11	12	14 1/2	15	16 1/2
Per Dozen	\$11.00	11.00	11.00	11.00	11.00	12.00	12.00	13.00	13.00	14.50	14.50	16.00

One-half Dozen in a Box.

SHIP AUGER BITS

FORD'S



Solid Crucible Cast Steel, Polished, 5 inch Black Twist, Length Over All 9 inches.

No. 16S—With Screw.							No. 16—Without Screw.						
Inches, 16ths.....	4	5	6	7	8	9	Inches, 16ths.....	6	7	8	9	10	11
Wt. Dozen, Lbs....	1	1½	2	2¼	2½	3	Dt. Dozen, Lbs....	2	2¼	2½	3	3½	4
Per Dozen	\$6.00	6.00	6.00	6.00	6.00	7.50	Per Dozen	\$6.00	6.00	6.00	7.50	7.50	9.00
Inches, 16ths.....	10	11	12	13	14	15	Inches, 16ths.....	12	13	14	15	16	
Wt. Dozen, Lbs....	3½	4	4½	5	5½	6	Wt. Dozen, Lbs....	4½	5	5½	6	7	
Per Dozen	\$7.50	9.00	9.00	10.50	10.50	12.00	Per Dozen	\$9.00	10.50	10.50	12.00	12.00	
Inches, 16ths.....		16	17	18	19	20							
Wt. Dozen, Lbs....		7	8	9	9½	11							
Per Dozen		\$12.00	13.50	13.50	15.00	15.00							

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SHIP AUGERS

FORD'S



No. 18S—With Screw.



No. 18—Without Screw.

Solid Crucible Cast Steel, Polished, Black Twist.

4 to 6/16ths inch, 8 inch Twist, Length Over All 13 inches.

7 to 8/16ths inch, 10 inch Twist, Length Over All 15 inches; 9 to 16/16ths inch, 12 inch Twist, Length Over All 18 inches.

Adapted to Ship, Dock, Bridge and Car Building, Warranted not to Clog or Bind in Boring the Full Length of the Twist.

No. 18S—With Screw.

Inches, 16ths	4	5	6	7	8	9	10	11	12	13	14
Wt. Per Dozen, Lbs....	2 ½	3	3 ½	4 ½	5 ½	6 ½	7 ½	9	10	10 ½	13
Per Dozen	\$11.00	11.00	11.00	11.00	11.00	11.00	11.00	12.00	12.00	13.00	13.00
Inches, 16ths		15	16	17	18	19	20	21	22	23	24
Wt. Per Dozen, Lbs....		14 ½	15 ½	20	22	23	24	29	32	37	39
Per Dozen		\$14.50	14.50	16.00	16.00	18.00	18.00	20.00	20.00	23.00	23.00

No. 18—Without Screw.

Inches, 16ths	4	5	6	7	8	9	10	11	12	13	14
Wt. Per Dozen, Lbs....	2 ½	3	3 ½	4 ½	5 ½	6 ½	7 ½	9	10	10 ½	13
Per Dozen	\$13.20	13.20	13.20	13.20	13.20	13.20	13.20	14.40	14.40	15.60	15.60
Inches, 16ths		15	16	17	18	19	20	21	22	23	24
Wt. Per Dozen, Lbs....		14 ½	15 ½	20	22	23	24	29	32	37	39
Per Dozen		\$17.40	17.40	19.20	19.20	21.60	21.60	24.00	24.00	27.60	27.60

One-half Dozen in a Box.

CARPENTERS' NUT AUGERS



No. 22—Best Quality Solid Cast Steel, Polished, Brass Nut.

Size, Inches	¾	1 ½	¾	¾	¾	1	1 ½	1 ½	1 ½
Average Length, Inches.....	15	15	15	15	15 ½	15 ½	16	16	17 ½
Weight Per Dozen, Lbs.....	4	5	6 ½	7	8 ½	9	10	11 ½	15
Per Dozen	\$10.00	10.00	10.00	11.00	13.00	15.00	17.00	19.00	24.00
Size, Inches		1 ¾	2	2 ¼	2 ¼	2 ¼	2 ¾	3	3 ½
Average Length, Inches.....		18 ½	19	19	20	21	21	21	21
Weight Per Dozen, Lbs.....		20	21	25	29	32	35	38	42
Per Dozen		\$28.00	32.00	40.00	42.00	52.00	72.00	92.00	152.00

¾ to 2 inches, One-half Dozen in a Box; Balance, One-quarter Dozen in a Package.

BORING MACHINE AUGERS



No. 24—Solid Cast Steel, Polished.

Size, Inches	1	1 ¼	1 ½	1 ¾	2
Average Length, Inches.....	10 ½	11	11 ½	11 ¾	12
Weight Per Dozen, Lbs.....	10	11	14	15	17
Per Dozen	\$15.00	19.00	24.00	28.00	32.00

One-half Dozen in a Box.

No. 24S Set—18 Quarters, 3 No. 243 Boring Machine Augers, Assorted, 1 Each 1, 1 ½ and 2 inches.....\$6.00

PHILLIPS



No. 10P—Solid Cast Steel, Polished, Fitted for Phillip's Boring Machine.

Size, Inches	1	1 ¼	1 ½	1 ¾	2
Wt. Per Dozen, Lbs.	10	11	14	15	17
Per Dozen	\$15.00	19.00	24.00	28.00	32.00

One-quarter Dozen in a Box.

Per Set

No. 10PS—18 Quarters, 3 No. 10P Phillip's Boring Machine Augers, Assorted, 1 Each 1, 1 ½ and 2 inches.....\$6.00

IRWIN'S



No. 73R—Forged Throughout from One Solid Piece of Badger Formula Steel, Highly Polished Crimp.

Size, Inches	1	1 ¼	1 ½	2
Av. Length Twist, Inches	8	8	8	8
Av. Length Over All, In.	12	12	12	12
Weight Per Dozen, Lbs..	10	12	14	17
Per Dozen	\$15.00	19.00	24.00	32.00

One-quarter Dozen in a Box

EXPANSIVE BITS

CLARK'S PATENT



- Cast Steel, Polished. Per Dozen
- No. 1—Small Size, 8 inches Long, with 2 Cutters, One Boring from $\frac{1}{2}$ to $\frac{3}{8}$ inch, the Other from $\frac{3}{8}$ to $1\frac{1}{2}$ inch, Weight Per Dozen 3 Lbs. \$13.00
- No. 2—Large Size, 10 inches Long, with 2 Cutters, One Boring from $\frac{3}{8}$ to $1\frac{1}{4}$ inches, the Other from $1\frac{1}{4}$ to 3 inches, Weight Per Dozen 7 Lbs. 18.00
- One-twelfth Dozen in a Box.

EXTRA CUTTERS FOR CLARK'S EXPANSIVE BITS



No. 1C.



No. 2C.



No. 3C.



No. 4C.



No. 5C.

For No. 1C Small Bit.

Nos.	1C
Cutting from, Inches.....	$\frac{1}{2}$ to $\frac{3}{8}$
Per Dozen	\$2.00

One-half Dozen in a Box.

Nos.	2C
Cutting from, Inches.....	$\frac{3}{8}$ to $1\frac{1}{2}$
Per Dozen	2.50

For No. 2C Large Bit.

Nos.	3C	4C	5C
Cutting from, Inches.....	$\frac{3}{8}$ to $1\frac{1}{4}$	$1\frac{1}{4}$ to 3	3 to 4
Per Dozen	\$3.00	4.00	6.00

One-half Dozen in a Box.

STEERS' PATENT



Highest Grade Cast Steel, Carefully Tempered and Polished, Micrometer Screw Adjustment.
Each Bit is Put Up in a Waterproof Canvas Case with Inside Pocket for Extra Cutter.

- Per Dozen
- No. 2S—8 $\frac{1}{2}$ inches Long, with 2 Cutters, One Boring from $\frac{5}{8}$ to $1\frac{1}{4}$ inches, the Other from $1\frac{1}{4}$ to 3 inches, Weight Per Dozen 4 $\frac{1}{2}$ Lbs. \$17.00
- No. 1S—9 $\frac{1}{2}$ inches Long, with 2 Cutters, One Boring from $\frac{3}{8}$ to $1\frac{1}{4}$ inches, the Other from $\frac{3}{4}$ to 3 inches, Weight Per Dozen 7 $\frac{1}{2}$ Lbs. 32.00
- The Cutters cannot slip or creep. The Micrometer Screw will adjust Cutter to 1/1000 inch, so that the closest fit may be obtained. When once set you can bore any number of holes and each hole will be the same size.
One-twelfth Dozen in a Canvas Case; One-half Dozen in a Carton.

EXTRA CUTTERS FOR STEERS' PATENT EXPANSIVE BITS

For No. 2S Small Bit.

Nos.	1SC	2SC
Cutting from, Inches.....	$\frac{5}{8}$ to $1\frac{1}{4}$	$1\frac{1}{4}$ to 2
Per Dozen	\$2.75	4.00

One-half Dozen in a Box.

For No. 1S Large Bit.

Nos.	3SC	4SC	5SC
Cutting from, Inches.....	$\frac{3}{8}$ to $1\frac{1}{4}$	$1\frac{1}{4}$ to 3	3 to 4
Per Dozen	\$6.00	8.00	15.00

One-half Dozen in a Box.

WRIGHT'S PATENT



The Cutter absolutely cannot creep or slip. For strength and ease of boring (due to the patent cutter) this bit has no equal. Finish and workmanship are the best.

The Cutter itself is of special construction, having a uniform bevel or cutting edge its entire length.

- Special Cast Steel, Patent Cutters. Per Dozen
- No. 2W—With Two Cutters, One Cutting from $\frac{5}{8}$ to $1\frac{1}{4}$ inches, the Other from $1\frac{1}{4}$ to $1\frac{1}{2}$ inches.....\$20.00
- No. 1W—With Two Cutters, One Cutting from $\frac{3}{8}$ to $1\frac{1}{4}$ inches, the Other from $1\frac{1}{4}$ to 3 inches..... 30.00
- One-twelfth Dozen in a Box.

EXTRA CUTTERS FOR WRIGHT'S PATENT EXPANSIVE BITS

Nos.	1WC	2WC	3WC	4WC	5WC
Cuts From, Inches.....	$\frac{5}{8}$ to $1\frac{1}{4}$	$1\frac{1}{4}$ to $1\frac{1}{2}$	$\frac{3}{8}$ to $1\frac{1}{4}$	$1\frac{1}{4}$ to 3	3 to 4
For Bits, Inches.....	20	20	10	10	10
Per Dozen	\$2.00	2.50	3.00	4.00	6.00

One-half Dozen in a Box.

DOWEL BITS

RUSSELL JENNINGS' SHORT



For Brace.

- Forged Crucible Tool Steel, Tempered and Polished, Extension Lip. Per Dozen
- No. 01— $\frac{1}{8}$ inch, Square Shank, Length Over All 3 inches.....\$4.00
- One-half Dozen in a Box.



For Machine.

- Forged Crucible Tool Steel, Tempered and Polished, Extension Lip. Per Dozen
- No. 02— $\frac{1}{8}$ inch, Length of Twist $1\frac{1}{2}$ inches, Shank $1\frac{1}{8}$ x $\frac{1}{8}$ inches.....\$4.00
- One-half Dozen in a Box.

TWIST DRILL BITS

BIT STOCK, FOR WOOD

No. 109A—For Wood, Carbon Steel, Shank $\frac{3}{16} \times \frac{3}{8} \times 1\frac{1}{4}$ inches Long.

Inches, 32ds..	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	20	22	24
Length, In...	3½	4	4½	5	5½	6	6½	7	7½	7¾	8	8¼	8½	8¾	9	9½	10	10½	11
Per Dozen...	\$1.60	1.60	1.60	1.75	2.00	2.50	3.00	3.50	3.50	4.00	4.00	4.50	4.50	5.00	5.00	5.50	6.00	6.50	7.00

"MORSE" BIT STOCK, FOR METAL



No. 390—For Metal or Wood, Carbon Steel.

Diameter, Inches	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
Length Over All, In..	$3\frac{1}{8}$	$3\frac{1}{4}$	$3\frac{3}{8}$	$3\frac{1}{2}$	$3\frac{5}{8}$	$4\frac{1}{4}$	$4\frac{1}{2}$	$4\frac{3}{4}$	$5\frac{1}{4}$	$5\frac{1}{2}$	$5\frac{3}{4}$	$6\frac{1}{4}$	$6\frac{1}{2}$	$6\frac{3}{4}$	$7\frac{1}{4}$	$7\frac{1}{2}$	$7\frac{3}{4}$	$8\frac{1}{4}$	$8\frac{1}{2}$
Per Dozen	\$1.50	1.65	2.10	2.60	3.10	3.60	4.10	4.70	5.40	6.30	7.20	8.00	8.80	9.60	10.30	14.35	16.15	17.95	19.75

"STANDARD" BIT STOCK, FOR METAL

No. 108—For Metal or Wood, Carbon Steel, Shank $\frac{3}{16} \times \frac{3}{8} \times 1\frac{1}{4}$ inches Long.

Diameter, Inches	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
Length Over All, In..	$3\frac{1}{8}$	$3\frac{1}{4}$	$3\frac{3}{8}$	$3\frac{1}{2}$	$3\frac{5}{8}$	$4\frac{1}{4}$	$4\frac{1}{2}$	$4\frac{3}{4}$	$5\frac{1}{4}$	$5\frac{1}{2}$	$5\frac{3}{4}$	$6\frac{1}{4}$	$6\frac{1}{2}$	$6\frac{3}{4}$	$7\frac{1}{4}$	$7\frac{1}{2}$	$7\frac{3}{4}$	$8\frac{1}{4}$	$8\frac{1}{2}$
Per Dozen	\$1.50	1.65	2.10	2.60	3.10	3.60	4.10	4.70	5.40	6.30	7.20	8.00	8.80	9.60	10.30	14.35	16.15	17.95	19.75

"STANDARD" JOBBERS' OR SHORT SERIES



No. 105—Straight Shank, Carbon Steel.

Diameter, Inches	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
Length Over All, In..	$2\frac{1}{2}$	$2\frac{3}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{5}{8}$	3	$3\frac{1}{8}$	$3\frac{1}{4}$	$3\frac{3}{8}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{8}$	$4\frac{1}{4}$	$4\frac{3}{8}$	$4\frac{1}{2}$	$4\frac{3}{4}$	5	$5\frac{1}{8}$
Per Dozen	\$1.00	1.10	1.20	1.30	1.45	1.60	1.80	2.00	2.20	2.40	2.65	2.90	3.15	3.40	3.65	4.20	4.50	4.80	5.10

"STANDARD" WIRE GAUGE



No. 107—Straight Shank, Carbon Steel.

Wire Gauge No.	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Dec. Diam., Inches..	.1495	.1470	.1440	.1405	.1360	.1285	.1200	.1160	.1130	.1110	.1100	.1065	.1040	.1015	.0995	.0980	.0960	.0935	.0890
Length, Inches.....	3	2½	2½	2¾	2½	2½	2¾	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
Per Dozen	\$1.75	1.55	1.55	1.55	1.55	1.55	1.40	1.40	1.40	1.40	1.40	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Wire Gauge No.	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
Dec. Diam., Inches..	.1015	.0995	.0980	.0960	.0935	.0890	.0860	.0820	.0810	.0785	.0760	.0730	.0700	.0675	.0650	.0625	.0600	.0575	.0550
Length, Inches.....	2½	2½	2¾	2½	2½	2½	2¾	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
Per Dozen	\$1.25	1.25	1.25	1.10	1.10	1.10	1.10	1.10	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95
Wire Gauge No.	53	54	55	56	57	58	59	60	60½	61	62	63	64	65	66	67	68	68½	69
Dec. Diam., Inches..	.0595	.0550	.0520	.0465	.0430	.0420	.0410	.0400	.0390	.0380	.0370	.0360	.0350	.0330	.0320	.0310	.0300	.0292	.0290
Length, Inches.....	1½	1½	1¾	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Per Dozen	\$0.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95
Wire Gauge No.	64	65	66	67	68	68½	69	69½	70	71	71½	72	73	73½	74	74½	75	75½	76
Dec. Diam., Inches..	.0350	.0330	.0320	.0310	.0300	.0292	.0290	.0280	.0270	.0260	.0250	.0240	.0230	.0225	.0220	.0210	.0200	.0180	.0160
Length, Inches.....	1½	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
Per Dozen	\$0.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90
Wire Gauge No.	73	73½	74	74½	75	75½	76	77	78	78½	79	79½	80	81	81½	82	82½	83	83½
Dec. Diam., Inches..	.0230	.0225	.0220	.0210	.0200	.0180	.0160	.0150	.0145	.0140	.0135	.0130	.0125	.0120	.0115	.0110	.0105	.0100	.0095
Length, Inches.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Per Dozen	\$1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

"STANDARD" BLACKSMITHS'



No. 112—Short Lengths, ½ inch Round Shank, Carbon Steel.

Diameter, Inches.....	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
Length, Inches.....	3½	4¼	4¾	5½	5½	5¾	6	6	6	6	6	6	6	6	6	6	6	6	6
Each	\$0.35	.40	.45	.45	.50	.55	.60	.65	.70	.73	.75	.78	.80	.83	.85	.90	1.05	1.05	1.05

POCKET DRILL SETS

SYRACUSE HANDY

For Wood.

No. 23 Set—Consists of 7 Bits for Wood Only, 1 Each $\frac{1}{8}$, $\frac{3}{32}$, $\frac{1}{4}$, $\frac{5}{32}$, $\frac{3}{8}$, $\frac{1}{2}$ and $\frac{5}{8}$ inch, Put Up in a Morocco Covered Pocket Case. **\$2.00** Per Set

For Metal.

No. 24 Set—Consists of 7 Bits for Metal Only, 1 Each $\frac{1}{8}$, $\frac{3}{32}$, $\frac{1}{4}$, $\frac{5}{32}$, $\frac{3}{8}$, $\frac{1}{2}$ and $\frac{5}{8}$ inch, Put up in a Morocco Covered Pocket Case. **2.00**
Average Weight Per Set $\frac{3}{4}$ Pound.

GIMLET BITS

DIAMOND



No. 131—German Pattern, Cast Steel, Straw Colored.

Inches, 32ds	2	3	4	5	6	7	8	9	10	11	12
Weight Per Dozen, Lbs.	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1	1	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Dozen	\$1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
											Per Dozen
Diamond—Assorted, 2 to 12/32 inch.											\$1.25

One Dozen in a Box.

DEUSES'

No. 133—German Pattern, Cast Steel, Straw Colored.

Inches, 32ds	2	3	4	5	6	7	8	9	10	11	12
Weight Per Dozen, Lbs.	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1	1	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Dozen	\$1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
											Per Dozen
Deuses'—Assorted, 2 to 12/32 inch.											\$1.00

One Dozen in a Box.

DOUBLE CUT



No. 129—Cast Steel, Polished.

Size Nos.	0	1	2	3	4	5	6
Weight Per Dozen, Lbs.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	1	1
Per Dozen	\$1.00	1.10	1.22	1.34	1.46	1.58	1.70
							Per Dozen
Double Cut—Assorted, Nos. 0 to 6.							\$1.40

CENTER BITS



No. 25—Cast Steel, Straw Colored.

Size, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2
Wt. Per Dozen, Lbs.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3
Per Dozen	\$0.75	.75	.75	.75	.75	.75	.80	.85	1.00	1.10	1.20	1.40	1.70	2.50
One Dozen in a Box.														

ELECTRICIANS' BITS



No. 750—Double Cut, Drill Point, Hammer Forged the Entire Length from Extra Quality Cast Steel, Carefully Hardened and Tempered.

Inches, 32ds	6	8	10	12
18 inches Long	Per Dozen, \$6.00	6.00	6.00	6.00
24 inches Long	Per Dozen, 7.00	7.00	7.00	7.00

Average Weight Per Dozen 3 $\frac{1}{2}$ to 5 Pounds.

One Dozen in a Box.

ELECTRICIANS' GIMLETS



No. 700—Double Cut, Wormer Point, High Grade Crucible Steel, Hardened and Tempered, Applewood Handle.

Size, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
24 inches Long	Per Dozen, \$7.00	7.00	7.00
36 inches Long	Per Dozen, 9.00	9.00	9.00

Average Weight Per Dozen 4 to 5 Pounds.

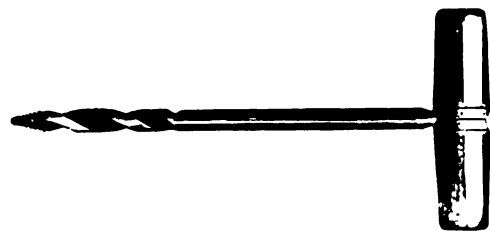
One-half Dozen in a Box.

NAIL GIMLETS



Fine Cast Steel, Round Iron Handle.

- No. 40—Assorted Nos. 2 and 3..... Per Gross \$7.00
 No. 50—Assorted Nos. 3 and 4..... Per Gross 8.00
 Average Weight Per Gross 8 Pounds.
 One-half Gross in a Box.



High Grade Cast Steel, Carefully Tempered, Double Cut, Round Wood Handle.

- No. 60—Assorted Sizes Per Gross \$11.00
 Average Weight Per Gross 6 Pounds.
 One-half Gross in a Box.

SPIKE GIMLETS



Fine Cast Steel, Round Iron Handle.

- No. 2—Assorted Sizes Per Gross \$11.00
 Average Weight Per Gross 10 Pounds.
 One-quarter Gross in a Box.

HANDLED AUGER BITS

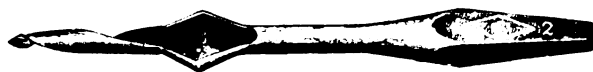


Solid Cast Steel, Double Spur, Polished Wood Handle.

- No. 50—Assorted, 4 to 8/16ths..... Per Dozen \$4.00
 One Dozen in a Box.

COUNTERSINK BITS

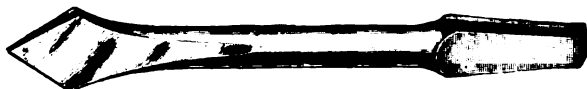
DIAMOND



No. 280—Forged from the Very Best Cast Steel, Hand Turned Twist	Running Accurately	to Screw Standards,	Wormer	Point.
Nos.	0	1	2	3
Inches, 32ds	5	6	7	8
Bores, Inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Countersinks, Inches	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{4}$
Weight Per Dozen, Lbs.....	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	1
Per Dozen	\$2.00	2.00	2.00	2.00

One Dozen in a Box.

FLAT HEAD

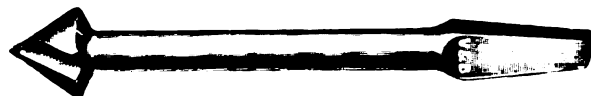


For Iron.

Drop Forged Steel, Tempered and Polished.

- No. 12—Countersinks Holes Up to $\frac{3}{8}$ inch, Length Over
 All $3\frac{3}{4}$ inches, Weight Per Dozen 1 Lb..... Per Dozen \$1.50
 One Dozen in a Box.

SNAIL HEAD



For Wood.

Drop Forged Steel, Tempered and Polished.

- No. 14—Countersinks Holes Up to $\frac{3}{8}$ inch, Length Over
 All $3\frac{3}{4}$ inches, Weight Per Dozen $1\frac{1}{2}$ Lbs..... Per Dozen \$1.50
 One Dozen in a Box.

ROSE HEAD

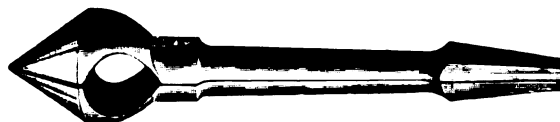


For Brass.

Drop Forged Steel, Tempered and Polished.

- No. 4—Countersinks Holes Up to $\frac{3}{8}$ inch, Length Over
 All $3\frac{3}{4}$ inches, Weight Per Dozen $1\frac{1}{2}$ Lbs..... Per Dozen \$2.50
 One Dozen in a Box.

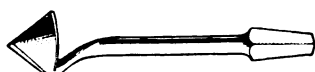
CLARK'S DOUBLE CUT



For Wood.

- No. 1— $4\frac{3}{8}$ inches Long, Forged Tool Steel, Tempered and Polished, Cuts $\frac{7}{8}$ inch, Can be Opened for Sharpening, Weight Per Dozen 2 Lbs..... Per Dozen \$6.00
 One-half Dozen in a Box.

WHEELER'S PATTERN



For Wood, without Depth Gauge.

- No. 18—4 inches Long, Malleable Iron, Nickel Plated,
 Weight Per Dozen $1\frac{1}{2}$ Lbs..... Per Dozen \$3.00
 One-half Dozen in a Box.



For Wood, with Depth Gauge.

- No. 20—4 inches Long, Malleable Iron, Nickel Plated,
 Weight Per Dozen 2 Lbs..... Per Dozen \$4.50
 One-half Dozen in a Box.

REAMER BITS

SQUARE



Forged Tool Steel, Straw Colored.

Per Dozen

No. 15—6 inches Long, Tapers Up to $\frac{1}{2}$ inch.....\$1.50
Weight Per Dozen 2 Pounds.
One Dozen in a Box.

TAPER REAMERS

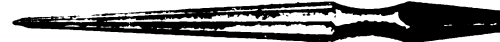


No. 120B—For Iron or Wood, Extra Cast Steel, Polished Shank, Oil Finish, Bit Brace Shank.

Size	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$
Total Length, Inches....	4 $\frac{1}{2}$	4 $\frac{3}{4}$	5 $\frac{1}{8}$	5 $\frac{1}{2}$	5 $\frac{7}{8}$	6 $\frac{1}{8}$
Length of Flute, Inches..	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{8}$	3 $\frac{1}{8}$	3 $\frac{1}{8}$	3 $\frac{1}{8}$
Weight Per Dozen, Lbs..	$\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3 $\frac{1}{2}$
Each	\$0.45	.50	.55	.60	.70	.90

Taper 1 inch to the foot. Diameter at large end of flute is $\frac{1}{8}$ inch larger than nominal size.

OCTAGON

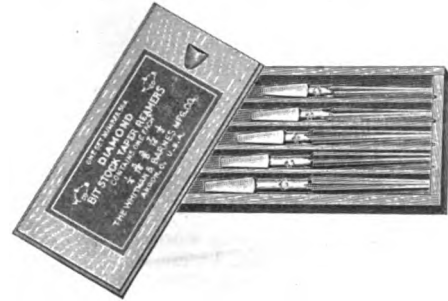


Forged Tool Steel, Straw Colored.

Per Dozen

No. 17—6 $\frac{1}{2}$ inches Long, Tapers $\frac{1}{8}$ to $\frac{1}{2}$ inch.....\$1.50
Weight Per Dozen 2 Pounds.
One Dozen in a Box.

TAPER REAMER SETS



No. 50A Set—Consists of One Each $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$ and $\frac{1}{2}$ inch Taper Reamers, Put up in a Neat Wooden Box, with Sliding Cover.....\$2.80
Weight Per Set 2 Pounds.

NAIL SETS
FRANKFURTH'S

Finest Tool Steel, Carefully Tempered and Tested Ends, Knurled Body, Cup Point.

Per Dozen

No. 450—4 inches Long, Oil Finish, Assorted Points, 2/32, 3/32, 4/32 and 5/32ds inch.....\$1.50
No. 460—4 inches Long, Straw Colored, Assorted Points, 2/32, 3/32, 4/32 and 5/32ds inch.....1.50
Weight Per Dozen 1 Pound.
One Dozen in a Box.

SYRACUSE EXTRA HEAVY



High Grade Drill Steel, Carefully Tempered Ends, Knurled Body, Full Polished, Cup Point.

Per Dozen

No. 148—5 inches Long, $\frac{7}{8}$ inch Diameter Body, $\frac{1}{4}$ inch Diameter Point.....\$2.50
Designed for large nails and spikes. The point is carefully cupped and the knurling cut clear and full to give a firm grip. Will stand hard usage.

Weight Per Dozen 2 Pounds.
One Dozen in a Box.

SYRACUSE

High Grade Drill Steel, Carefully Tempered Ends, Knurled Body, Full Polished, Cup Point.

Per Set

No. 908 Set—Consists of 24 Nail Sets, Assorted Sizes, 2, 3 and 4/32ds inch, Put up in a Neatly Finished Wood Stand.....\$3.25

Each tool is in a hole by itself, point upward, which separates the sizes and facilitates finding the one wanted. The inclined top exhibits the back rows of tools as prominently as the front row.

SYRACUSE STRAIGHT SIZES

Description Same as Above.

Nos.	92	93	94
Point, Inches	2/32	3/32	4/32
Per Dozen	\$1.60	1.60	1.60

B. M. SQUARE HEAD



Tool Steel, Knurled Body, Square Head, Hardened Ends, Cup Point, Blued.

No.	50
Length, Inches	4
Diameter of Body, Inches.....	$\frac{7}{8}$
Points, Assorted, Inches.....	$\frac{1}{2}$ to $\frac{3}{4}$
Per Dozen	\$2.00

STANLEY'S



No. 11B Set.

Made of the Finest Grade of Special Tool Steel Obtainable.
Hardened at Both Ends and Blued.

The Cupped Points are Carefully Oil Tempered and Will Stand the Most Severe Test under all Conditions.

Per Set

No. 11A Set—Consists of 12 Nail Sets, Assorted Sizes, Five 2/32 inch, Three 5/64 inch, and Four 3/32 inch, Put up in a Neat Display Box, Weight Per Set 1 Lb.....\$1.40
No. 11B Set—Consists of 24 Nail Sets, Assorted Sizes, Eight 2/32 inch, Six 5/64 inch, Seven 3/32 inch, and Three 4/32 inch, Put up in a Neat Display Box, Weight Per Set 2 Lbs.....2.80

SCREW DRIVER BITS

COMMON



No. 1—Cast Steel, Full Polished, Assorted Sizes.....\$1.20
Weight Per Dozen 1 Pound.
One Dozen in a Box.

MAYHEW'S



No. 350—Hammer Forged from Refined Cast Steel.
Spring Temper, Polished, Assorted Sizes.....\$2.25
Weight Per Dozen 1 1/4 Pounds.
One Dozen in a Box.

SCREW DRIVER BITS
DOUBLE ENDER

Drop Forged Steel, Correctly Tempered, Polished Ends.

No. 618—Assorted, Two Sizes, Small Size, with One
End 1/4 inch Wide for Nos. 6 to 8 Screws, and Other
End 3/8 inch Wide for Nos. 8 to 12 Screws; Large Size
with One End 1/2 inch Wide for Nos. 8 to 12 Screws,
and Other End 3/4 inch Wide for Nos. 12 to 16
Screws.....\$2.50
Twice as convenient as the old single end style, and twice
as much for your money.

Weight Per Dozen 1 1/2 Pounds.

One Dozen Assorted (6 Each Small and Large Size) in a Box.

SOLID PUNCHES



Square, Forged Steel, Oil Tempered, Natural Finished Body,
Polished Point, 4 1/2 inches Long.

Nos.	0	1	2	3	4
Diam. of Point, Inches...	9/32	8/32	7/32	6/32	5/32
For Iron Rivets, Lbs....	12	10	8	6	4
Body, Inches.....	3/8	7/8	1 1/8	1 1/4	1 1/2
Weight Per Dozen, Lbs...	2	1 1/4	1 1/4	1 1/4	1 1/4
Per Dozen.....	\$1.25	1.25	1.25	1.25	1.25
Nos.	5	6	7	8	
Diam. of Point, Inches...	4/32	3/32	2/32	3/64	
For Iron Rivets, Lbs....	2	1	3/4	1/2	
Body, Inches.....	7/8	7/8	1 1/4	1 1/4	
Weight Per Dozen, Lbs...	1 1/4	1 1/4	3/4	3/4	
Per Dozen.....	\$1.25	1.25	1.25	1.25	

Assorted—Nos. 0 to 8.....\$1.25
One Dozen in a Box.

PRICK
PUNCHES

No. 40—4 1/2 inches Long, 3/8 inch Diameter Body, Octa-
gon Forged Steel, Natural Finished Body, Polished
Points.....\$1.75
Weight Per Dozen 1 1/2 Pounds.
One Dozen in a Box.



CENTER PUNCHES

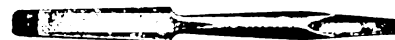
No. 20—4 1/2 inches Long, 3/8 inch Diameter Body, Octa-
gon Forged Steel, Natural Finished Body, Polished
Points.....\$1.75
Weight Per Dozen 1 1/2 Pounds.
One Dozen in a Box.

LANTERN CHISELS



No. 01—1/2 inch Wide, 5 inches Long. Cast Steel.....\$2.00
Used for cutting holes in eaves trough or any other cir-
cular work.
One Dozen in a Box.

HARTWELL'S



No. 370—Hammer Forged from Good Grade of Cast
Steel, Polished.....\$1.50
Weight Per Dozen 1 Pound.
One Dozen in a Box.

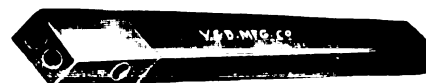
STANLEY'S



No. 26—Forged Crucible Steel, Oil Tempered and Pol-
ished, Assorted Sizes.....\$2.00
Weight Per Dozen 1 1/2 Pounds.
One Dozen in a Box.

RIVET SETS AND HEADERS

FARMERS'



Forged Steel, Polished Face, Natural Finished Body.

Nos.	70	80	90
For Copper Rivets, Nos.....	7	8	9
Length, Inches.....	5	5	5
Weight Per Dozen, Lbs.....	5	5	5
Per Dozen.....	\$2.00	2.00	2.00

One-half Dozen in a Box.

FARMERS' MACHINE PUNCHES



Octagon, Forged Steel, Oil Tempered, Natural Finished Body,
Polished Point, Length 6 inches, Diameter of Octagon
Steel 3/4 inch.

Nos.	3F	4F
Diam. of Point, Inches.....	6/32	5/32
Per Dozen.....	\$1.50	1.50
Nos.	5F	6F
Diam. of Point, Inches.....	4/32	3/32
Per Dozen.....	\$1.50	1.50

Weight Per Dozen, All Sizes, About 3 3/4 Pounds.
One-half Dozen in a Box.



Fine Tool Steel, Round Knurled Body, Blued Finish.

No. 29—4 inches Long, 3/8 inch Diameter Body.....\$1.75
No. 029—4 inches Long, 3/8 inch Diameter Body..... 2.00
Weight Per Dozen 1 1/2 Pounds.
One Dozen in a Box.



No. 30—Fine Tool Steel, Round Knurled Body, Blued Finish.

Diameter Body, Inches...	3/8	3/4	1 1/4	1 1/2
Length, Inches.....	4	4	4 1/4	4 1/4
Per Dozen.....	\$1.70	2.00	3.40	4.50

Average Weight Per Dozen 1 1/2 Pounds.
One Dozen in a Box.

WIRE CHISELS



No. 02—Cast Steel, 3 inches Long.

Width, Inches.....	3/8	3/4	5/8	3/4
Per Dozen.....	\$2.50	2.50	2.50	2.50

For cutting off small work, starting hole for snips, etc.
One Dozen in a Box.

COLD CHISELS



No. 5—Octagon Cast Steel, Natural Finish.

Diameter, Inches	3/4	3/8	1/2	5/8	3/4	7/8	1
Length, Inches	5 1/4	5 3/4	6	6 3/4	7 1/2	7 3/4	8
Weight Per Dozen, Lbs.	1	2 1/4	4	7	11	15	20
Per Dozen	\$1.00	1.25	1.75	2.25	3.00	4.00	5.00

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish Body, Temper Color Bit, Polished Head.

Nos.	80	802	803	804	805	806	807
Diameter, Inches	1/4	3/8	1/2	5/8	3/4	7/8	1
Length, Inches	4 1/2	5 1/2	6	6 1/2	7	7 3/4	8 1/2
Weight Per Dozen, Lbs.	3/4	2	4	7	11	16	21
Per Dozen	\$2.00	2.40	2.40	3.30	5.30	8.00	9.20

High Grade Octagon Steel, Black Satin Finish, Highly Polished Bit and Head.

Nos.	60	62	63	64	65	66	67
Diameter, Inches	1/4	3/8	1/2	5/8	3/4	7/8	1
Length, Inches	4 1/2	5 1/2	6	6 1/2	7	7 3/4	8 1/2
Weight Per Dozen, Lbs.	3/4	2	4	7	11	16	21
Per Dozen	\$3.20	3.35	3.35	4.55	6.55	9.25	10.45

VILLAGE BLACKSMITH

VILLAGE BLACKSMITH, EXTRA LONG



High Grade Octagon Steel, Full Polished All Over.

Nos.	81	812	813
Diameter, Inches	1/4	3/8	1/2
Length, Inches	4 1/2	5 1/2	6
Weight Per Dozen, Lbs.	3/4	2	4
Per Dozen	\$3.20	3.35	3.35
Nos.	814	815	816
Diameter, Inches	5/8	3/4	7/8
Length, Inches	6 1/2	7	7 3/4
Weight Per Dozen, Lbs.	7	11	16
Per Dozen	\$4.55	6.55	9.25

High Grade Octagon Steel, Natural Hammer Finish Body, Temper Color Bit, Polished Head.

Nos.	82	821	822	823
Diameter, Inches	3/8	1/2	5/8	3/4
Length, Inches	8	9	10	12
Weight Per Dozen, Lbs.	4	6 1/2	11 1/2	13 1/2
Per Dozen	\$4.00	4.00	5.00	6.00
Nos.	824	825	826	828
Diameter, Inches	3/4	3/4	3/4	7/8
Length, Inches	10	12	18	12
Weight Per Dozen, Lbs.	16 1/2	18 1/2	30	25 1/2
Per Dozen	\$6.60	9.00	11.70	10.80



CAPE CHISELS

VILLAGE BLACKSMITH

High Grade Octagon Steel, Natural Hammer Finish, Full Polished Head.

Nos.	83	831	832	833	834	835	836	837	838	839
Width of Cutting Edge, Inches	1/8	1/8	1/4	1/8	3/8	1/2	1/2	5/8	3/4	7/8
Diameter, Inches	3/8	3/8	1/2	1/2	5/8	5/8	3/4	3/4	7/8	7/8
Length, Inches	6	6	6 1/4	6 1/4	7	7	8	8	8	8
Weight Per Dozen, Lbs.	2 1/2	2 1/2	4 1/4	4 1/4	7 3/4	7 3/4	12 1/2	12 1/2	17 1/4	17 1/4
Per Dozen	\$3.40	3.40	3.40	3.40	4.40	4.40	7.30	7.30	8.00	8.00

High Grade Octagon Steel, Full Polished All Over.

Nos.	84	841	842	843	844	845	846	847	848	849
Width of Cutting Edge, Inches	1/8	1/8	1/4	1/8	3/8	1/2	1/2	5/8	3/4	7/8
Diameter, Inches	3/8	3/8	1/2	1/2	5/8	5/8	3/4	3/4	7/8	7/8
Length, Inches	6	6	6 1/4	6 1/4	7	7	8	8	8	8
Weight Per Dozen, Lbs.	2 1/2	2 1/2	4 1/4	4 1/4	7 3/4	7 3/4	12 1/2	12 1/2	17 1/4	17 1/4
Per Dozen	\$5.65	5.65	5.65	5.65	5.65	5.65	8.55	8.55	9.25	9.25

ROUND NOSE CAPE CHISELS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish, Full Polished Head.

Nos.	87	871	872	873	874	875	876	877	878	879
Width of Cutting Edge, Inches	1/8	1/8	1/4	1/8	3/8	1/2	1/2	5/8	3/4	7/8
Diameter, Inches	3/8	3/8	1/2	1/2	5/8	5/8	3/4	3/4	7/8	7/8
Length, Inches	6	6	6 1/4	6 1/4	7	7	8	8	8	8
Weight Per Dozen, Lbs.	2 1/2	2 1/2	4 1/4	4 1/4	7 3/4	7 3/4	12 1/2	12 1/2	17 1/4	17 1/4
Per Dozen	\$3.40	3.40	3.40	3.40	4.40	4.40	7.30	7.30	8.00	8.00

High Grade Octagon Steel, Full Polished All Over.

Nos.	88	881	882	883	884	885	886	887	888	889
Width of Cutting Edge, Inches	1/8	1/8	1/4	1/8	3/8	1/2	1/2	5/8	3/4	7/8
Diameter, Inches	3/8	3/8	1/2	1/2	5/8	5/8	3/4	3/4	7/8	7/8
Length, Inches	6	6	6 1/4	6 1/4	7	7	8	8	8	8
Weight Per Dozen, Lbs.	2 1/2	2 1/2	4 1/4	4 1/4	7 3/4	7 3/4	12 1/2	12 1/2	17 1/4	17 1/4
Per Dozen	\$4.35	4.35	4.35	5.35	5.65	5.65	8.55	8.55	9.25	9.25

All Above, One-half Dozen in a Box.

DIAMOND POINT CHISELS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish, Full Polished Head.

Nos.	85	851	852	853	854	855
Cutting Edge, In.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$
Diam., Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$
Length, Inches	6	6 $\frac{1}{4}$	6 $\frac{1}{2}$	7	8	10
Wt. Dozen, Lbs.	2	4	4	6 $\frac{1}{2}$	11	16 $\frac{1}{2}$
Per Dozen	\$3.40	3.40	3.40	4.40	7.30	8.00

One-half Dozen in a Box.

KEY-SEATING CHISELS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish, Full Polished Bit and Head.

Nos.	383	3831	3832	3833
Cutting Edge, Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Diameter, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Length, Inches	6 $\frac{1}{4}$	7	8	8
Weight Per Dozen, Lbs.	4 $\frac{1}{4}$	7 $\frac{3}{4}$	12 $\frac{1}{2}$	17 $\frac{1}{2}$
Per Dozen	\$3.40	4.40	7.30	8.00

One-half Dozen in a Box.

KEYHOLE CHISELS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish.

Nos.	1050	1051	1052	1053
Edge, Inches	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$
Diameter, Inches	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$
Length, Inches	8	12	8	12
Weight Per Dozen, Lbs.	1	3 $\frac{1}{2}$	2	4 $\frac{1}{4}$
Per Dozen	\$4.80	6.00	6.00	7.00

TINNERS' CHISELS

VILLAGE BLACKSMITH



High Grade Steel, Natural Hammer Finish.

Nos.	05	051
Width of Cutting Edge, Inches	$\frac{3}{4}$	$\frac{3}{4}$
Size of Steel, Inches	$\frac{1}{4}$	$\frac{1}{4}$
Length, Inches	8	8
Weight Per Dozen, Lbs.	4	4 $\frac{3}{4}$
Per Dozen	\$3.00	3.50

PLUMBERS' CHISELS

VILLAGE BLACKSMITH



High Grade Steel, Natural Hammer Finish.

Nos.	105	106	1060
Bit, Inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Diameter, Inches	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$
Length, Inches	9 $\frac{1}{2}$	10	11
Weight Per Dozen, Lbs.	12	13	17
Per Dozen	\$7.50	8.00	10.00

A very handy tool for all kinds of rough wood cutting. Made specially for repair work and so tempered that nails do not injure the tool.

BRICK CHISELS

MARSHALLTOWN

No. 55—4 inch Cut, Forged Tool Steel, Oil Tempered, Natural Finish, Beveled and Offset, $\frac{3}{4}$ inch Diameter Shank, Length Over All 7 $\frac{1}{2}$ inches, Weight Each 1 $\frac{1}{8}$ Lbs.

One-half Dozen in a Box.

Per Dozen

\$9.50

High Grade Octagon Steel, Full Polished All Over.

Nos.	86	861	862	863	864	865
Cutting Edge, In.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$
Diam., Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$
Length, Inches	6	6 $\frac{1}{4}$	6 $\frac{1}{2}$	7	8	10
Wt. Dozen, Lbs.	2	4	4	6 $\frac{1}{2}$	11	16 $\frac{1}{2}$
Per Dozen	\$4.35	4.35	4.35	5.65	8.55	9.25

One-half Dozen in a Box.

ROUND NOSE CHISELS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish, Full Polished Bit and Head.

Nos.	89	891	892	893
Cutting Edge, Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Diameter, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Length, Inches	6 $\frac{1}{4}$	6 $\frac{1}{2}$	7	8
Weight Per Dozen, Lbs.	6 $\frac{1}{8}$	6 $\frac{1}{8}$	11	16 $\frac{1}{2}$
Per Dozen	\$3.40	3.40	4.40	7.30

One-half Dozen in a Box.

TILE WORKERS' CHISELS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish.

Nos.	04	041
Edge, Inches	$\frac{1}{4}$	$\frac{1}{4}$
Length, Inches	6	8
Weight Per Dozen, Lbs.	$\frac{3}{8}$	$\frac{3}{4}$
Per Dozen	\$4.80	6.00

One-half Dozen in a Box.

FLOOR CHISELS

VILLAGE BLACKSMITH

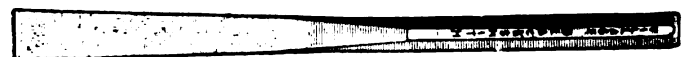


High Grade Steel, Natural Hammer Finish.

Nos.	20	21
Diameter, Inches	$\frac{5}{8}$	$\frac{5}{8}$
Length, Inches	12	14
Weight Per Dozen, Lbs.	13	15
Per Dozen	\$8.00	10.00

PLUMBERS' CURVED RIPPING AND CUTTING CHISELS

VILLAGE BLACKSMITH



No. 107—12 inches Long, $\frac{5}{8}$ inch Diameter, High Grade Steel, Natural Hammer Finish, Weight Per Dozen 12 Lbs. \$12.00

Per Dozen



No. 55.

MACHINE HAND PUNCHES

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish, Polished Bit and Head.

Nos.	91	93	94	95	96	940
Points, Inches	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$	$\frac{3}{16}$, $\frac{1}{8}$, $\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{16}$, $\frac{1}{8}$, $\frac{3}{16}$	$\frac{3}{16}$, $\frac{1}{8}$	$\frac{3}{16}$
Diameter, Inches	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Length, Inches	6	7 $\frac{1}{2}$	8	10	10	7
Weight Per Dozen, Lbs.	4	4	4 $\frac{3}{4}$	6	6 $\frac{1}{2}$	6 $\frac{1}{2}$
Per Dozen	\$2.00	2.60	2.70	4.00	4.60	3.60

One-half Dozen in a Box.

High Grade Octagon Steel, Full Polished All Over.

Per Dozen

No. 92—Assorted $\frac{3}{16}$ and $\frac{1}{8}$ inch Points, $\frac{1}{2}$ inch Diameter, 6 inches Long, Weight Per Dozen 4 Lbs. \$2.95
One-half Dozen in a Box.

DRIFT POINT OR SICKLE SECTION PUNCHES

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish, Polished Taper, Bit and Head.

Nos.	103	1031	1032	1033
Point, Inches	$\frac{3}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{3}{16}$
Diameter, Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$
Length, Inches	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	8
Weight Per Dozen, Lbs.	2	3 $\frac{1}{2}$	6	8
Per Dozen	\$2.80	2.80	3.55	4.80

One-half Dozen in a Box.

All Village Blacksmith Tools are tested by heavy hammer blows on steel rails to insure their not being sent out with undiscernible flaws or incorrect temper.

CENTER PUNCHES

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish, Polished Bit and Head.

Nos.	97	971	212	980
Diameter, Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Length, Inches	4	4 to 5	4 $\frac{1}{2}$ to 5	6
Weight Per Dozen, Lbs.	2 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	9
Per Dozen	\$3.00	3.00	4.00	7.20

One-half Dozen in a Box.

High Grade Octagon Steel, Full Polished.

No. 98— $\frac{3}{8}$ inch Diameter, 4 inches Long, Weight Per Dozen 2 $\frac{1}{4}$ Lbs. \$3.75

TINNERS' PUNCHES

VILLAGE BLACKSMITH

Per Dozen

No. 101—Assorted 5, 10 and 12/64ths inch Points, $\frac{3}{8}$ inch Diameter, 5 inches Long, High Grade Octagon Steel, Natural Hammer Finish, Polished Bit and Head, Weight Per Dozen 3 Lbs. \$2.00
One-half Dozen in a Box.

BRICK AND STONE DRILLS

VILLAGE BLACKSMITH "STAR"

Made for Service—Are not Drop Forged; are Filed to Perfect Edges.

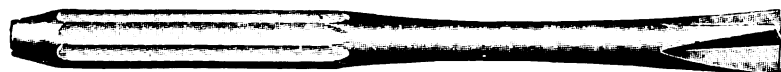


Made with Good Clearance, are Fast Centering, and will not Choke.

No. 203—High Grade Octagon Steel, Natural Hammer Finish.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Cutting Edge, In...	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$
Length, Inches	8	12	8	12	12	18	12	18	12	18	12	18	12	18	12	18	12	18	12	18
Wt. Dozen, Lbs.	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	5 $\frac{1}{4}$	10	8	13 $\frac{1}{2}$	12 $\frac{1}{2}$	21	12 $\frac{3}{4}$	26	37	19	28	39				
Per Dozen	\$6.00	6.00	6.00	6.00	7.20	9.36	8.60	10.80	10.10	12.00	11.50	14.40	16.20	13.00	16.20	18.00				

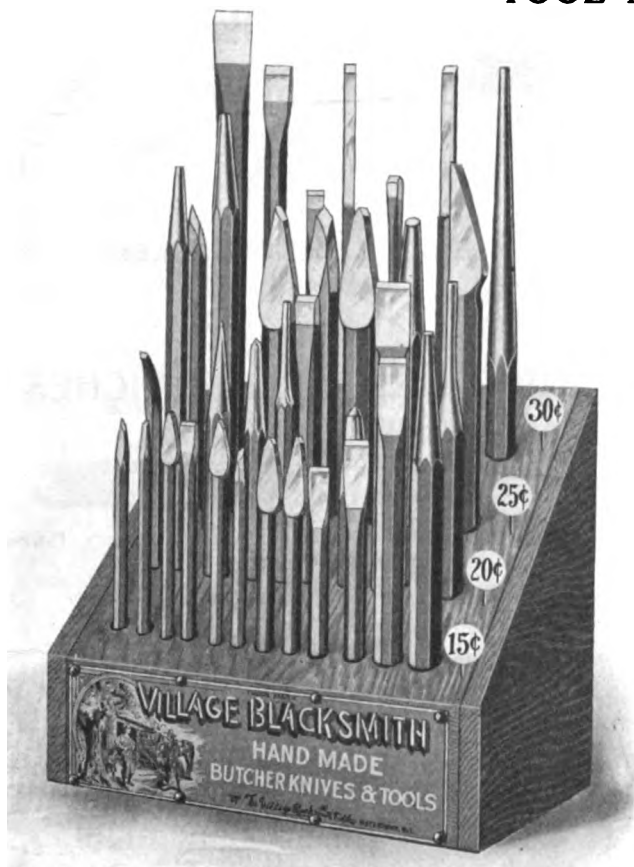
NOTE—When Ordering, Always State Size of Cutting and Length Desired.

DUFFY'S IMPROVED STAR



No. 26—Forged Tool Steel, Tempered, Natural Finish.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Cutting Edge, Inches	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$
Length, Inches	12	12	12	12	12	18	12	18	12	18	12	18	12	18	12	18	12	18	12	18
Weight Per Dozen, Lbs.	3 $\frac{1}{2}$	5	8 $\frac{1}{2}$	13	16	20	30	42												
Per Dozen	\$5.00	5.50	6.00	7.00	6.50	10.00	13.00	16.00												

TOOL ASSORTMENT



VILLAGE BLACKSMITH

Per Assortment
No. 999—Village Blacksmith Tool Assortment.....\$30.00

The Counter Display Stand is Shipped Free with the Following

Listed and Well Selected Assortment:

3 ¼ Dozen Tools to Retail at 15¢ Each.....	\$6.75
2 ½ Dozen Tools to Retail at 20¢ Each.....	6.00
1 ½ Dozen Tools to Retail at 25¢ Each.....	4.50
1 ¼ Dozen Tools to Retail at 30¢ Each.....	4.50
9	\$21.75

Shipping Weight About 25 Pounds.

Each of the differently priced tools comes packed in separately price marked boxes, so that the Display Stand can be filled without trouble.

ASSORTMENT CONSISTS OF

COLD CHISELS



½ Dozen Each	Retail, Each
No. 80—¼ x 4 ½.....	\$0.15
No. 801—⅜ x 4 ½.....	.15
No. 802—¾ x 5 ½.....	.15
No. 803—½ x 6.....	.20

COLD CHISELS

½ Dozen Each	Retail, Each
No. 201—⅜ x 4 ½.....	\$0.20
No. 82—¾ x 8.....	.30
No. 821—½ x 9.....	.30

ROUND NOSE CHISELS



½ Dozen Each	Retail, Each
No. 80—¼ x 6 ¼.....	\$0.25

GROOVE CHISELS



½ Dozen Each	Retail, Each
No. 408—¼ x 5 ½.....	\$0.20

PRICK PUNCHES



½ Dozen Each	Retail, Each
No. 99—¾ x 4 ¼.....	\$0.20

CAPE CHISELS



½ Dozen Each	Retail, Each
No. 205—¼ x 4 ½.....	\$0.15
No. 305—⅜ x 4 ½.....	.15
No. 838—⅜ x 6 ¼.....	.25

KEY-SEATING CHISELS



½ Dozen Each	Retail, Each
No. 388—¼ x 6 ¼.....	\$0.25

KEYHOLE CHISELS



½ Dozen Each	Retail, Each
No. 1050—¼ x 8.....	\$0.30

CENTER PUNCHES



½ Dozen Each	Retail, Each
No. 97—¾ x 4.....	\$0.20
No. 971—½ x 4 to 5....	.20

ROUND NOSE CAPE CHISELS



½ Dozen Each	Retail, Each
No. 206—⅜ x 4 ½.....	\$0.15
No. 306—⅜ x 4 ½.....	.15
No. 878—⅜ x 6 ¼.....	.25

HALF ROUND CHISELS



½ Dozen Each	Retail, Each
No. 204—⅜ x 4 ½.....	\$0.15

DRIFT POINT PUNCHES



½ Dozen Each	Retail, Each
No. 108—¾ x 5 ½.....	\$0.20
No. 1031—½ x 6.....	.20

PUNCHES



½ Dozen Each	Retail, Each
No. 91—½ x 6.....	\$0.15
No. 98—¾ x 7 ½.....	.20
No. 94—½ x 8.....	.25

DIAMOND POINT CHISELS



½ Dozen Each	Retail, Each
No. 202—⅜ x 4 ½.....	\$0.15
No. 302—⅜ x 4 ½.....	.15
No. 852—⅜ x 6 ¼.....	.25

TILE WORKERS' CHISELS



½ Dozen Each	Retail, Each
No. 04—¼ x 6.....	\$0.30

LINING-UP PUNCHES



½ Dozen Each	Retail, Each
No. 196—½ x 8.....	\$0.30


TINNERS' PUNCHES




½ Dozen Each	Retail, Each
No. 101—¾ x 5.....	\$0.15

TOOL SETS


VILLAGE BLACKSMITH




Style of Nos. 201, 301 and 401 Cold Chisels.




Style of Nos. 202, 302 and 402 Diamond Point Chisels.




Style of Nos. 203, 303 and 403 Groove Chisels.



Style of Nos. 204, 304 and 404 Half Round Chisels.



Style of Nos. 205, 305 and 405 Cape Chisels.



Style of Nos. 206, 306 and 406 Round Nose Cape Chisels.



Forged Octagon Tool Steel, Natural Hammer Finish.

No. 20 Set—Consists of Six Chisels, One Each, Nos. 201, 202, 203, 204, 205 and 206, as Described Below, Put up in a Round Hardwood Box, Weight Per Dozen Sets 7 Lbs. \$14.60

DESCRIPTION OF CHISELS CONTAINED IN No. 20 SET

	Cutting Edge, Inches	Length, Inches	Diameter, Inches	Per Dozen
No. 201—Cold Chisel	$\frac{1}{4}$	$4\frac{1}{2}$	$\frac{1}{8}$	\$2.00
No. 202—Diamond Point Chisel	$\frac{1}{8}$	$4\frac{1}{2}$	$\frac{1}{8}$	2.40
No. 203—Groove Chisel	$\frac{1}{8}$	$4\frac{1}{2}$	$\frac{1}{8}$	2.40
No. 204—Half Round Chisel	$\frac{1}{8}$	$4\frac{1}{2}$	$\frac{1}{8}$	2.40
No. 205—Cape Chisel	$\frac{1}{8}$	$4\frac{1}{2}$	$\frac{1}{8}$	2.40
No. 206—Round Nose Cape Chisel	$\frac{1}{8}$	$4\frac{1}{2}$	$\frac{1}{8}$	2.40

Per Dozen Sets

No. 30 Set—Consists of Six Chisels, One Each Nos. 301, 302, 303, 304, 305 and 306, as Described Below, Put up in a Round Hardwood Box, Weight Per Dozen Sets 9 Lbs. \$14.60

DESCRIPTION OF CHISELS CONTAINED IN No. 30 SET
All Chisels in this Set are $4\frac{1}{4}$ inches Long and $\frac{1}{4}$ inch in Diameter.

	Cutting Edge Inches	Per Dozen
No. 301—Cold Chisel	$\frac{1}{8}$	\$2.00
No. 302—Diamond Point Chisel	$\frac{1}{8}$	2.40
No. 303—Groove Chisel	$\frac{1}{8}$	2.40
No. 304—Half Round Chisel	$\frac{1}{8}$	2.40
No. 305—Cape Chisel	$\frac{1}{8}$	2.40
No. 306—Round Nose Chisel	$\frac{1}{8}$	2.40

Per Dozen Sets

No. 40 Set—Consists of Six Chisels, One Each Nos. 401, 402, 403, 404, 405 and 406, as Described Below, Put up in a Round Hardwood Box, Weight Per Dozen Sets 14 Lbs. \$18.20

DESCRIPTION OF CHISELS CONTAINED IN No. 40 SET
All Chisels in this Set are $5\frac{1}{4}$ inches Long and $\frac{3}{8}$ inch in Diameter.

	Cutting Edge Inches	Per Dozen
No. 401—Cold Chisel	$\frac{1}{8}$	\$2.40
No. 402—Diamond Point Chisel	$\frac{1}{4}$	3.00
No. 403—Groove Chisel	$\frac{1}{4}$	3.00
No. 404—Half Round Chisel	$\frac{1}{4}$	3.00
No. 405—Cape Chisel	$\frac{1}{4}$	3.00
No. 406—Round Nose Cape Chisel	$\frac{1}{4}$	3.00

TOOL KITS

GENERAL UTILITY

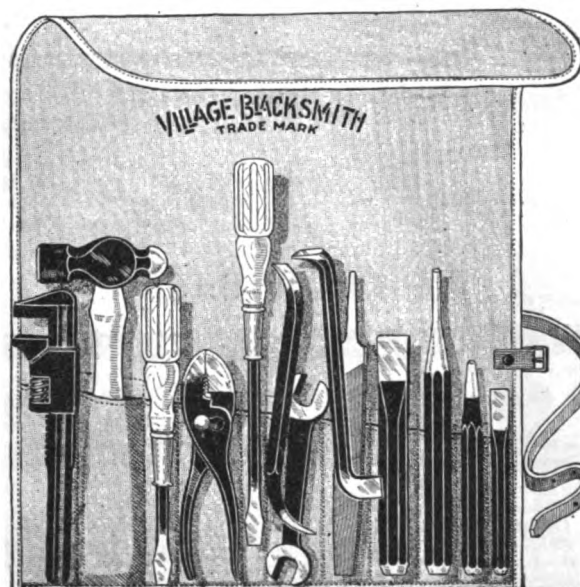


Each

No. 117 Kit—Contains 7 High Grade Village Blacksmith Tools as Described Below, Put Up in a Neat Canvas and Flannel Roll, Weight Per Set $2\frac{1}{2}$ Lbs. \$2.00

CONTENTS OF No. 117 TOOL KIT

- 1— $\frac{3}{8}$ inch Cold Chisel.
- 1— $\frac{1}{2}$ inch Cold Chisel.
- 2— $6 \times \frac{1}{2}$ inch Machine Punches.
- 1—Double End Screw Driver.
- 1—Cotter Pin Tool.
- 1— $8 \times \frac{1}{2}$ inch Drift Point Punch.



- 1—No. 103 $\frac{1}{2}$ inch Drift Point Punch.
- 1—No. 2018 Pliers.
- 1—No. 2020 9 inch Wrench.
- 1—No. 83 $\frac{1}{4}$ inch Cape Chisel.
- 1—No. 2022 6 inch File.

For Mechanics, Farmers and
Automobilists Use.

Each

No. 218 Kit—Contains 13 High Grade Tools as Described Below, Put up in a Substantial Leather Edged Canvas Roll with Good Heavy Leather Strap and Buckle, Wt. Per Set 6 Lbs. \$5.00

No. 217 Kit—Same as No. 218 Kit, but without Hammer 4.00

CONTENTS OF No. 218 TOOL KIT

- 1—No. 2021 Machinists' Hammer.
- 1—No. 2019 "S" Wrench.
- 1—No. 121 Cotter Tool.
- 1—No. 80 $\frac{5}{8}$ inch Cold Chisel.
- 1—No. 91 $\frac{1}{2} \times 6$ inch Machine Punch.

- 1—No. 111 6 inch Screw Driver.
- 1—No. 112 3 inch Machinists' Screw Driver.
- 1—No. 120 Double Machine Screw Driver.

RIPPING BARS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish.

No. 5½—23 inches Long, ¾ inch Diameter, Average Weight Each 3 Lbs.....	Per Dozen
No. 6 —30 inches Long, ¾ inch Diameter, Average Weight Each 4 Lbs.....	\$14.00
	16.00

CROOK CLAW BARS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish.

No. 10—22 inches Long, 5/8 inch Diameter, Average Weight Each 2 ¼ Lbs.....	Per Dozen
	\$12.00

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish.

Nos.	52	53	50	51
Length, Inches	12	17	24	30
Diameter, Inches	½	¾	¾	¾
Average Weight Per Dozen, Lbs.....	9	21	45	48
Per Dozen	\$4.00	5.40	8.50	10.20

CROOK CLAW BARS

MARSHALLTOWN



High Grade Octagon Tool Steel, Natural Finish.

Nos.	0	1	2
Length, Inches	36	30	24
Diameter, Inches	¾	¾	¾
Av. Weight Per Dozen, Lbs.....	60	50	40
Per Dozen	\$14.00	9.00	8.00

CLAW PRY BARS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish.

No.	70
Length, Inches	30
Diameter, Inches	¾
Av. Weight Per Dozen, Lbs.....	48
Per Dozen	\$10.20

IMPROVED CLAW BARS

VILLAGE BLACKSMITH



High Grade Octagon Steel, Natural Hammer Finish.

Nos.	54	55	56
Length, Inches	12	24	30
Diameter, Inches	½	¾	¾
Average Weight Each, Lbs.....	¾	3 ¼	4
Per Dozen	\$4.00	8.50	10.20

CROW BARS



No. 60—Handy, 3 feet Long, ¾ inch Square, Solid Cast Steel, Pinch Point, Average Weight Each 5 Lbs.....	Each
	\$1.00



No. 61—Wedge Point, Solid Cast Steel, Weights 10 to 25 Lbs.....	Per Pound
No. 66—Wedge Point, High Grade Open Hearth Steel, Welded and Hammered, Weights 14 to 20 Lbs.....	\$0.09
No. 67—Wedge Point, Extra Tool Steel, Tough and Strong, Weights 14 to 18 Lbs.....	.17
	.30



No. 63—Pinch Point, Solid Cast Steel, Weights 10 to 25 Lbs.....	Per 100 Lbs.
	\$8.50

PLUMB BOBS

IRON



Half Size Cut.

Adjusted Top, Japanned.

No.	2
Weight Each, Oz.	9 1/2
Per Dozen	\$1.60

One Dozen in a Box.

IRON



Half Size Cut of No. 0.

Adjusted Top, Japanned.

Nos.	00	0
Weight Each..	1 lb. 2 oz.	1 lb. 10 oz.
Per Dozen	\$3.00	5.00

No. 00, One-half Dozen in a Box,
No. 0, Open Stock.

IRON



Half Size Cut of No. N31.

Adjusted Top, Nickel Plated.

Nos.	N30	N31
Weight Each, Oz.	12	18
Per Dozen	\$3.50	4.50

One-half Dozen in a Box.

LEAD



No. 3—Weight Each 12 Oz., Steel Point.....\$6.25
One-half Dozen in a Box.

Per Dozen

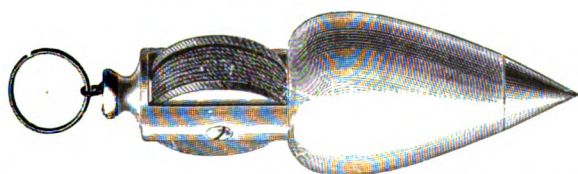
CAN'T ROLL



No. 10—Weight Each 8 Oz., Hexagon Steel, Accurately
Machined, Polished and Heavily Nickel Plated on
Copper, Screw Top.....\$4.50
One-half Dozen in a Box.

Per Dozen

STANLEY'S ADJUSTABLE



Bronze Metal, Polished, Steel Point, with Reel and Line.

Nos.	01	02
Weight Each, Oz.	8	13
Per Dozen	\$24.00	30.00

One-twelfth Dozen in a Box.

CAST BRASS

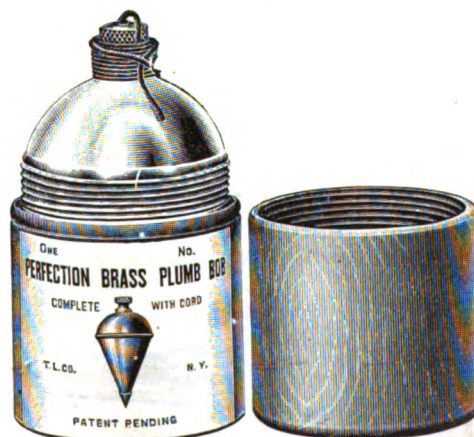


Cuts Half Size.

No. 6—Weight Each 11 1/2 Oz., Hardened Cast Steel
Point, Screw Top.....\$12.00
One-half Dozen in a Box.

Per Dozen

PERFECTION

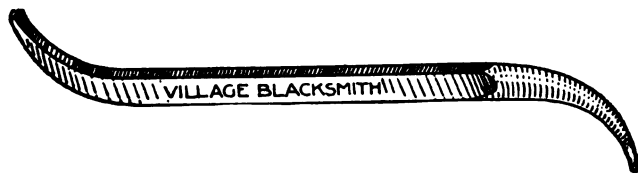
Brass, Nickel Plated, Steel Spindle, Centered Accurately,
Complete with Cord.

Nos.	12	13	14
Weight Each	14 oz.	1 1/2 lb.	2 1/4 lb.
Each	\$1.50	1.75	2.00

One in a Solid Wooden Box, with Cord Attached.

COTTER PIN EXTRACTORS

VILLAGE BLACKSMITH



Forged from Square Tool Steel, Natural Hammer Finish.

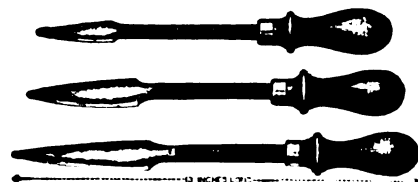
Nos.	121	122
Length, Inches	7	5
Size, Inches	$\frac{3}{8}$	$\frac{1}{4}$
Weight Per Dozen, Lbs.....	3	1 $\frac{1}{4}$
Per Dozen	\$3.00	3.00

Made with one end round for pulling and the other flat for spreading.

A Cotter Pin Extractor superior to the usual kinds sold.

One-half Dozen in a Box.

CURVED BEARING SCRAPERS



Best English File Steel, Carefully Hardened and Tempered, Hardwood Handle.

These Scrapers have the flat or under side depressed $\frac{1}{8}$ inch, the cutting edge being $\frac{1}{4}$ inch wide, so that same can be sharpened by a few rubs on an oilstone.

Nos.	1202A	1202B
Length of Blade, Inches.....	2 $\frac{1}{2}$	3 $\frac{1}{4}$
Length Over All, Inches.....	10	12
Weight Per Dozen, Lbs.....	3 $\frac{3}{4}$	5
Per Dozen	\$15.00	18.00

One-quarter Dozen in a Box.

Per Dozen Sets

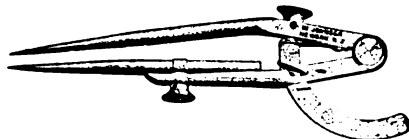
No. 1202S Set—Consists of 3 Curved Bearing Scrapers, 1 Each 10, 12 and 13 inches, Weight Per Dozen

Sets 14 Lbs.....\$15.00

One Set in a Box.

DIVIDERS

COOK'S PATTERN EXTENSION



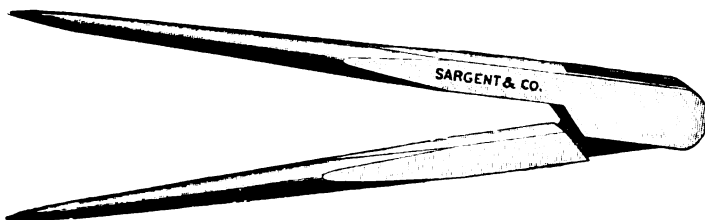
No. 104—Fine Tool Steel Points, Polished, One Movable Point.

Length, Inches	6	8	10
Scribes Circle, Inches.....	17	22	30
Weight Per Dozen, Lbs.....	4	5	6
Per Dozen	\$9.00	11.00	12.00

A common pencil can be used in place of the movable point.

One-half Dozen in a Box.

COMPASSES



No. 40—Cast Steel, Polished.

Length, Inches	6	8
Weight Per Dozen, Lbs.....	3	4
Per Dozen	\$3.50	4.50

One Dozen in a Box.

WING



No. 50—Cast Steel, Polished.

Length, Inches...	5	6	7	8	9	10	12
Wt. Dozen, Lbs...	2	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	6	7 $\frac{1}{2}$	12
Per Dozen.....	\$4.50	5.00	5.50	6.00	7.50	8.00	10.00

Per Dozen

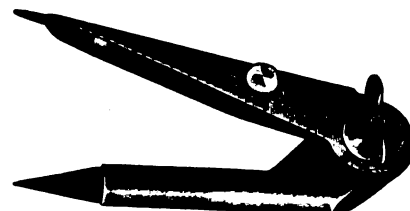
Extra Thumb Screws\$1.00

Extra Knurled Nuts1.00

5 to 8 inch, One Dozen; 9 to 12 inch, One-half Dozen in a Box.

SCRIBERS

GEM NEW STYLE



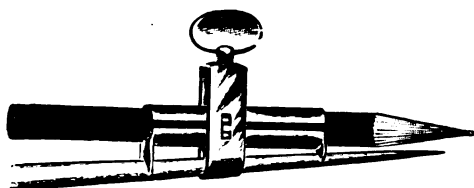
Per Dozen

No. 10—Gem New Style, 3 $\frac{1}{4}$ inches Long, Polished Stamped Steel Frame, Steel Set Screw and Thumb Nut, One Leg with Adjustable Steel Point and One to Hold Pencil.....\$4.50

Weight Per Dozen 1 Pound.

PENCIL HOLDERS

EXCELSIOR



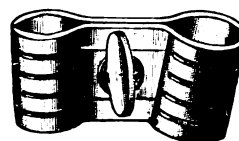
No. 5—Excelsior, Sheet Brass, Nicely Tinned.....\$2.50

Can be attached to any divider or compass for marking circles. Used to clamp a pencil on a wing divider.

Weight Per Dozen $\frac{5}{8}$ Pound.

One Dozen in a Box.

STANLEY'S



Full Size.



In Use.

Per Dozen

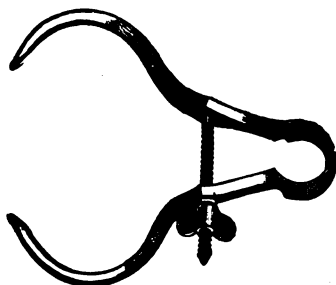
No. 8—Corrugated Pressed Steel Clamps, Nickel Plated, for Round or Octagon Pencils.....\$1.75

For attaching pencils to ordinary divider legs for drafting circles and laying out work of all kinds.

Weight Per Dozen $\frac{1}{2}$ Pound.

One Dozen on a Display Card; Two Cards in a Box.

SPRING CALIPERS



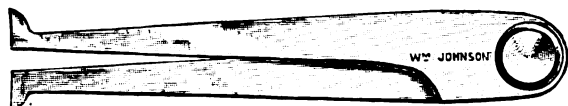
No. 40—Cast Steel, Polished.

Length, Inches	3	4	5	6	8
Weight Per Dozen, Lbs.	1	1 1/4	1 1/2	2 1/2	3 1/2
Per Dozen	\$6.00	6.00	6.00	6.50	8.50

One Dozen in a Box.

CALIPERS

INSIDE

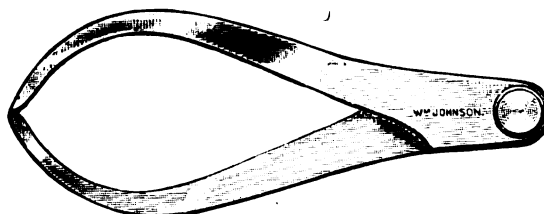


No. 110—Cast Steel, Polished.

Length, Inches	4	5	6	8	10
Wt. Per Dozen, Lbs.	1	1 1/4	1 3/4	2 1/4	3 1/2
Per Dozen	\$2.50	2.75	3.00	4.50	5.50

One-half Dozen in a Box.

OUTSIDE

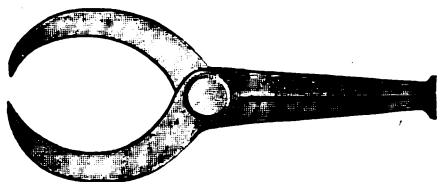


No. 111—Cast Steel, Polished.

Length, Inches	4	5	6	8	10
Wt. Per Dozen, Lbs.	1	1 1/4	2	3	5
Per Dozen	\$2.50	2.75	3.00	4.50	5.50

One-half Dozen in a Box.

DOUBLE, INSIDE AND OUTSIDE.

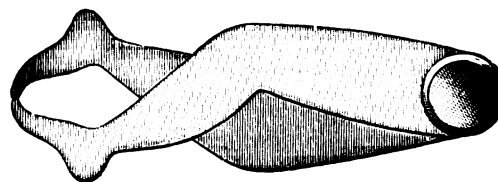


No. 114—Cast Steel, Polished.

Length, Inches	4	5	6
Weight Per Dozen, Lbs.	3/4	1	1 1/4
Per Dozen	\$3.50	4.50	5.00

One-half Dozen in a Box.

FANCY.

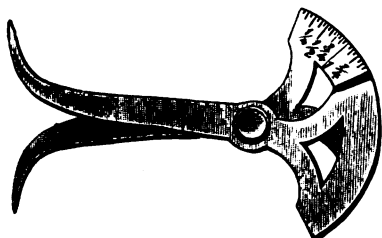


No. 113—Cast Steel, Polished.

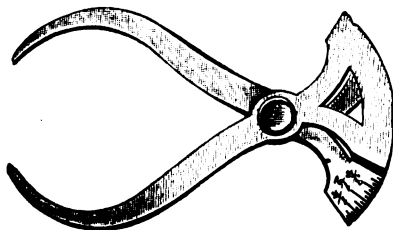
Length, Inches	2 1/2
Weight Per Dozen, Lbs.	1/2
Per Dozen	\$3.50

One-half Dozen in a Box.

SELF-REGISTERING



Cut Showing Inside Measuring.

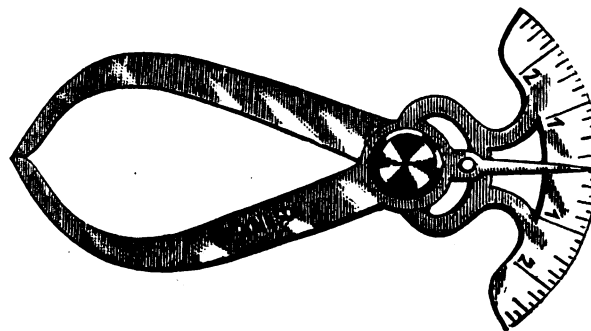


Cut Showing Outside Measuring.

No. 10—Inside and Outside, Forged Steel, Nickel Plated.

Length, Inches	3
Weight Per Dozen, Lbs.	3/4
Per Dozen	\$10.00

One Dozen in a Box.



No. 115—Inside and Outside, Cast Steel, Nickel Plated, with Set Screw.

Length, Inches	3	5
Weight Per Dozen, Lbs.	3/4	1 1/4
Per Dozen	\$9.00	12.00

One-half Dozen in a Box.

STARRETT TOOLS

FAY SPRING DIVIDERS



No. 77—With Spring Nut.

Length, Inches	3	4	5	6
Each	\$1.15	1.40	1.40	1.75

Two in a Box.

YANKEE SPRING DIVIDERS



No. 83—With Solid Nut.

Length, Inches	3	4	5	6
Each	\$0.70	.75	.80	.85

Three in a Box.

FAY OUTSIDE CALIPERS



No. 75—With Spring Nut.

Length, Inches	3	4	5	6
Each	\$1.15	1.25	1.25	1.50

Two in a Box.

YANKEE INSIDE AND OUTSIDE CALIPERS



No. 73—Inside, with Solid Nut.

Length, Inches	3	4	5	6	8
Each	\$0.70	.75	.80	.85	1.00

No. 79—Outside, with Solid Nut.

Length, Inches	3	4	5	6	8
Each	\$0.70	.75	.80	.85	1.00

Three in a Box.

YANKEE THREAD



No. 80—Yankee Thread Caliper, with Solid Nut.

Length, Inches	3	4	5
Each	\$0.85	.90	.95

No. 80A—Yankee Thread Caliper, with Spring Nut.

Length, Inches	3	4	5
Each	\$1.00	1.05	1.10

No. 184—Yankee Inside Thread Caliper, with Solid Nut.

Length, Inches	4	5	6
Each	\$0.75	.80	.85

Three in a Box.

INSIDE THREAD



HERMAPHRODITE CALIPERS



No. 41.



No. 42.

No. 41—With Firm Joint and Adjustable Point.

The firm joint, with its smooth and uniform friction, is incomparably superior to the old style riveted joint.

Length, Inches	4	6	8
Each	\$0.65	.80	1.00

No. 42—With Lock Joint, Sensitive Adjustment and Adjustable Point.

Length, Inches	4	6	8	10
Each	\$1.00	1.15	1.35	1.60

Three in a Box.

The Yankee Calipers and Dividers are manufactured under the Fay patent, are not quite so heavy as the Fay, and cost less. They are much liked, and on account of prices are preferred by many to the higher cost tools.

IMPROVED FIRM-JOINT CALIPERS



No. 26—Outside.

Length, Inches	3	4	5	6
Each	\$0.40	.50	.55	.65

Length, Inches	8	10	12
Each	\$0.80	.90	1.00

No. 27—Inside.

Length, Inches	3	4	5	6
Each	\$0.40	.50	.55	.65

Length, Inches	8	10	12
Each	\$0.80	.90	1.00

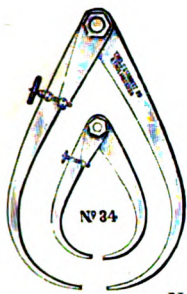
The improvement in these calipers consists in the construction of the joint, which is so made as to be drawn together by means of a screw. The main stud is squared and fitted to one leg, thus preventing the stud from turning when loosening and tightening, and insuring a smooth and uniform friction of more or less tension to suit the user.

The quality of these calipers is incomparably superior to that of any old style riveted-joint caliper on the market.

Three in a Box.

STARRETT TOOLS

PERFECT FIRM-JOINT SCREW-ADJUSTING CALIPERS



No. 34—Outside.

Length, Inches	4	6	8	10
Each	\$0.90	1.00	1.25	1.50



No. 35—Inside.

Length, Inches	4	6	8	10
Each	\$0.90	1.00	1.25	1.50

The screw adjustment for fine measurements, the improved joint which may be set to any desired degree of uniform tension, the shape and stiffness of the legs, quickness and wide scope of adjustment—all go to make this caliper a leader in its line.

Three in a Box.

LOCK-JOINT CALIPERS



No. 38—Outside.

Length, Inches	4	5	6
Each	\$0.90	.95	1.00
Length, Inches	8	10	12
Each	\$1.25	1.50	1.75



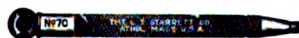
No. 39—Inside.

Length, Inches	4	5	6
Each	\$0.90	.95	1.00
Length, Inches	8	10	12
Each	\$1.25	1.50	1.75

These calipers can be instantly adjusted to their full extent, and as quickly locked firm in the joint, and yet provided with a sensitive adjustment. The improvement consists in a socket joint made tapering, and locked or released by a partial turn of the knurled disk drawing it together.

Three in a Box.

POCKET SCRIBERS



Closed.



Open.

No. 70A— $\frac{1}{4}$ inch Diameter Handle, $2\frac{3}{4}$ inch Blade, Weight Each 1 Oz.	\$0.25
No. 70B— $\frac{3}{8}$ inch Diameter Handle, $2\frac{3}{4}$ inch Blade, Weight Each $1\frac{1}{2}$ Oz.	.35

This tool is made from steel tubing, knurled and nickel plated. The scriber is made from the best quality of steel, nicely tempered, and is held by a knurled chuck. The scriber is reversible, telescoping into the stock, and is held by a slight turn of the chuck, so that it is always as safe to carry in the pocket as a penknife.

Six in a Box.

LOCK-JOINT TRANSFER CALIPERS



No. 36—Outside.

Length, Inches	4	5	6	8	10	12
Each	\$1.25	1.40	1.50	1.75	2.00	2.25



No. 37—Inside.

Length, Inches	4	5	6	8	10	12
Each	\$1.25	1.40	1.50	1.75	2.00	2.25

These calipers may be used inside of chambered cavities, over flanges, etc., removed and replaced without losing the size calipered. This is done by loosening the nut binding one arm to the auxiliary leaf and swinging it out or in (while the joint is locked) to clear the obstruction, then moving it back against a stop, where it will show the exact size measured.

Three in a Box.

IMPROVED EXTENSION DIVIDERS



A well made Divider with auxiliary legs, which together with a common pencil, form convenient combinations.

By adjustment of points the 7 inch becomes 9 inches, and will scribe a 22 inch circle and will caliper 11 inches outside and 13 inches inside. By adjustment of points the 9 inch becomes 12 inches and will scribe a 30 inch circle and caliper 14 inches outside and 16 inches inside.

AUXILIARY CALIPER LEGS

Hardened Points, Malleable Iron Head and Arms, Other Parts of Steel.

No. 85A—7 inches, with Divider Legs Only	\$1.50
No. 85B—9 inches, with Divider Legs Only	1.75
No. 85C—7 inches, Complete	2.50
No. 85D—9 inches, Complete	2.75

One in a Box.

IMPROVED SCRIBERS



Each

No. 67—Length with Short Bent Point 9 inches, with Long Point 12 inches, Interchangeable Parts, Nickel Plated Knurled Sleeve, Complete	\$0.50
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This Scriber is made for mechanics who want a better tool than has been heretofore obtainable. These points are made of a fine grade of steel, nicely tempered. The knurled stock is of sufficient size to be easily held without cramping or turning in the fingers. The long, bent point will be found a valuable auxiliary for reaching through holes, etc.

Six in a Box.

IMPROVED ADJUSTABLE SLEEVE SCRIBERS



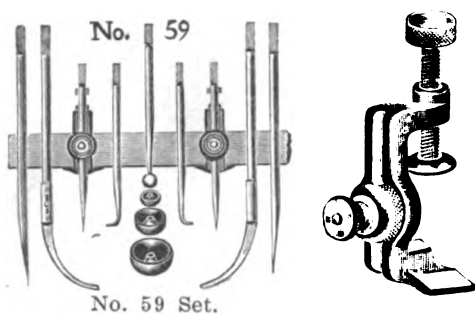
No. 68—Without Knife Point, Nickel Plated Knurled Sleeve.	
Length, Inches	8 12
Each	\$0.50 .50

The knurled sleeve has hole clear through and a clamping device at each end, adapting it for slipping on different tools, securely holding them near to or away from the working point. Tool makers will find the small size more desirable for general use, and the larger one for heavier work.

Six in a Box.

STARRETT TOOLS

NEW TRAMMELS



This illustration gives a more detailed representation of the Trammel Heads.

This cut shows the trammels fastened to a wooden beam, which may be any size from $\frac{3}{4}$ inch to 1 $\frac{1}{2}$ inches wide, and of any thickness desired (requiring no fitting), giving stiffness according to the length and adapting it for small or large work.

No. 59A Set—Trammel Heads Only, with One Pair of Points Per Set \$2.00
No. 59F Set—Complete as Shown 4.75

The auxiliaries designed to go with the trammel heads are as shown above, viz., inside and outside caliper legs, an extra pair of long points, a set of four ball points with holder, which enable one to scribe a circle from the center of any hole up to 1 $\frac{1}{2}$ inches and under. A lead pencil may be used in place of either of the steel points. The clamping device is adapted to take in either a small or common sized pencil. The trammels are furnished with or without auxiliaries.

One Set in a Box.

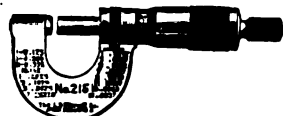
Has improved Speeded Screw with means for adjusting to compensate for wear.

The Frame is made of Drop Forged Steel, Nickel Plated, Dull Finish.

No. 650—With Ratchet Stop, for Measurements by Thousandths up to 1 inch without Case Each \$4.50
No. 0650—Same as No. 650, but with Leather Case 5.15

In the construction of this caliper, the Starrett feature of having the anvil solid in the frame is still retained, also a new method provided to adjust the spindle in relation to the anvil, so that the reading of the micrometer will be correct.

HALF INCH

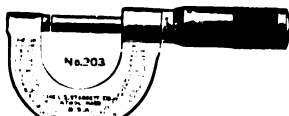


With Lock Nut and Ratchet Stop.

Each

No. 215—For Measurement by Thousandths up to $\frac{1}{2}$ inch, without Case \$5.50
No. 0215—Same as No. 215, but with Leather Case 6.15

ONE INCH



Without Ratchet Stop and Lock Nut.

Each

No. 208—For Measurement by Thousandths up to 1 inch, without Case \$5.50
No. 0208—Same as No. 208, but with Leather Case 6.15

ONE INCH



With Lock Nut and Ratchet Stop

Each

No. 3—For Measurement by Thousandths up to 1 inch, without Case \$6.50
No. 03—Same as No. 3 but with Leather Case 7.15

Starrett Micrometer Calipers have a more exact and easier way of adjustment than by the old method of a movable anvil. This is obtained by placing over the barrel a thin, graduated sleeve, which carries the base or zero line, instead of having this line marked on the barrel itself. This sleeve may be turned by means of a small spanner wrench to bring the zero line correct to compensate for wear. The thin sleeve also keeps dirt from the screw.

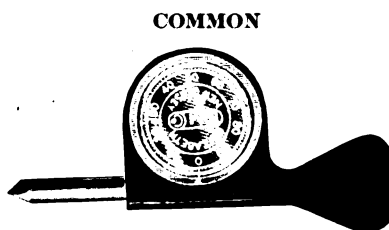
STARRETT HIGH SPEED



SPEED INDICATORS

No. 104—Nickel Plated, with Rubber Tips for Pointed and Hollow Centers, in Pasteboard Box Each \$1.75

May be run at highest speed required without heating. The dial plate has two rows of figures, reading right or left, as the shaft may run.



COMMON

No. 1—Carbon Finish, Brass Dial Each \$1.00
Adapted to pointed or hollow centers, accurate, reliable, and of convenient size for carrying in pocket. The dial revolves once for every hundred revolutions.

STARRETT TOOLS

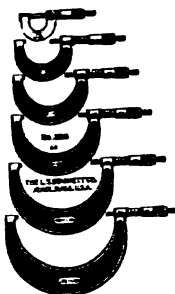
MICROMETER CALIPERS

These Calipers meet the demand for accurate gauges at a low price. They are better adapted for general use than the vernier or bar micrometer, as they can be set quickly for the different measurements and are more easily read.

Each Caliper is graduated to read by thousandths of an inch, fitted with patent lock nut, and is sent with or without ratchet stop as desired.

The 1 inch has the decimal equivalents stamped on the frame. The other sizes are marked to show their capacity. The frames are drop forged from bar steel and are nicely finished.

Without Case.



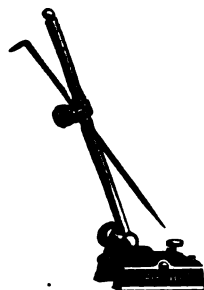
	Each
No. 226A—1 inch, with Decimal Equivalents Stamped on Frame, without Ratchet Stop.....	\$6.00
No. 226B—1 inch, with Decimal Equivalents Stamped on Frame, with Ratchet Stop.....	6.50
No. 226C—2 inch, From 1 to 2 inches, without Ratchet Stop	5.50
No. 226D—2 inch, From 1 to 2 inches, with Ratchet Stop	6.00
No. 226E—3 inch, From 2 to 3 inches, without Ratchet Stop	6.50
No. 226F—3 inch, From 2 to 3 inches, with Ratchet Stop	7.00
No. 226G—4 inch, From 3 to 4 inches, without Ratchet Stop	7.00
No. 226H—4 inch, From 3 to 4 inches, with Ratchet Stop	7.50
No. 226I—5 inch, From 4 to 5 inches, without Ratchet Stop	7.75
No. 226J—5 inch, From 4 to 5 inches, with Ratchet Stop	8.25
No. 226K—6 inch, From 5 to 6 inches, without Ratchet Stop	8.50
No. 226L—6 inch, From 5 to 6 inches, with Ratchet Stop	9.00

MICROMETER CALIPER SETS

Without Cases.

	Per Set
No. 226AS Set—Consists of 3 Micrometer Calipers, 1 No. 650 1 inch, 1 No. 266 2 inch, and 1 No. 226 3 inch, all without Ratchet Stop.....	\$16.00
No. 226BS Set—Same as No. 226AS Set, but all Fitted with Ratchet Stop	17.50
No. 226ES Set—Consists of 6 Micrometer Calipers, 1 No. 650 1 inch, and 1 Each No. 226 2 inch, 3 inch, 4 inch, 5 inch and 6 inch, all without Ratchet Stop	39.25
No. 226FS Set—Same as No. 226ES Set, but all Fitted with Ratchet Stop	42.25

NEW UNIVERSAL SURFACE GAUGES

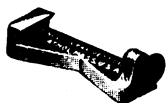
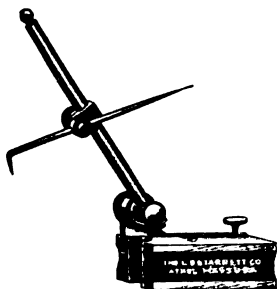


	Each
No. 57A—3 inch Base, with 9 inch Spindle	\$2.50
No. 57B—3 inch Base, with 9 and 12 inch Spindle	2.85
No. 57C—3 ¾ inch Base, with 12 inch Spindle	3.00
No. 57C—3 ¾ inch Base, with 12 and 18 inch Spindles.....	3.50

This gauge has all the latest improvements, which make it all that can be desired. Has a heavy base, grooved through the bottom and end, adapting it for use on or against circular work as well as flat surfaces.

One in a Box.

TOOL MAKERS' UNIVERSAL SURFACE GAUGES



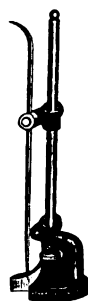
Auxiliary Guide.

	Each
No. 56A—With 4 inch Spindle and Auxiliary Guide....	\$3.00

This gauge is admirably adapted for light work. The base is steel, nicely finished and case hardened, with depressions milled in the sides for the thumb and finger to grasp. The top side of it is slotted, and the rocking bracket is pivoted in the same. There is a stiff spring under one end of the bracket and a knurled adjusting screw in the other; the spindle jointed to this may be set and rigidly held in any position from vertical to horizontal, and the scriber placed in position to be used below its base for depth gauge, or (with bent end down) a scribing gauge. A V-shaped groove in the end and bottom adapts its for use on cylindrical work. There is a small hole in the clamp next to the base in which the scriber may be used for light work, the spindle being removed. An auxiliary guide piece is furnished to clamp to the base.

One in a Box.

SURFACE GAUGES



	Each
No. 52B—With 12 inch Spindle.....	\$2.75
No. 52C—With 12 inch Spindle and 6 inch Extension	3.25

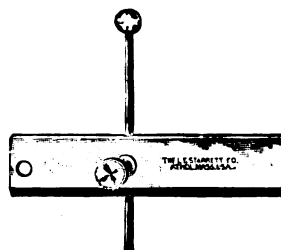
This Gauge, with the improvements made in the few years past, gives great satisfaction to all who use it.

The sleeve and needle clasp, when loosened for adjustment, are both held by a slight spring friction, and by a single knurled nut both are rigidly clamped. For fine adjustment, the spindle in the base is raised or lowered by a knurled nut, and all backlash is taken up by a spiral spring in the base.

For above 12 inch lengths, an extension is provided to couple on to the spindle.

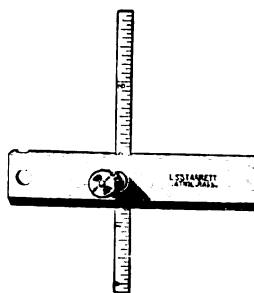
One in a Box.

DEPTH GAUGES



	Each
No. 45A—With 3 ½ inch Stock.....	\$0.75
No. 45B—With 6 inch Stock.....	1.15

One in a Box.



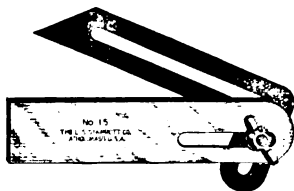
	Each
No. 46A—With 3 ½ inch Stock and 4 inch Scale.....	\$1.25

One in a Box.

Has in place of the round wire to slide in the groove, as shown with No. 45, a 4 inch scale, ⅜ inch wide, graduated in either 32ds and 64ths, 50ths and 100ths, or 64ths and 100ths, indicating exact measurements, and may be used separately from the gauge.

STARRETT TOOLS

UNIVERSAL BEVELS

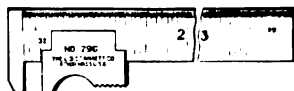


No. 15—3 inches Long. Each \$1.50

The set-off in the blades increases its capacity and usefulness for bevel gear work, etc., so that any angle, however slight may be obtained. One edge of the case being solid, a rest is formed directly under the blade, where thin templates may be placed and accurately fitted.

One in a Box.

SLIDE CALIPER RULES

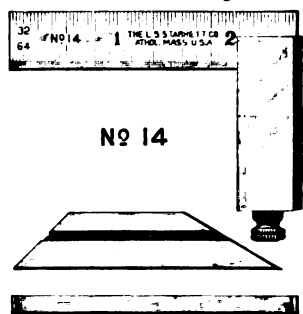


No. 296—4 inches Long, $\frac{5}{8}$ inch Wide, $\frac{1}{8}$ inch Thick, No. 4 Graduation, with the 32ds and 64ths on the Front, and the 8ths and 16ths on the Back, Jaws $\frac{1}{2}$ inch Deep. Each \$1.50

For taking measurements on small rods, tubing, etc. The thumb piece slides in a groove on the reverse side.

One in a Box.

DOUBLE STEEL SQUARES



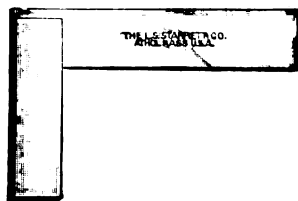
Hardened Steel Head and Blades.

No. 14C—2 $\frac{1}{2}$ inch Sliding Scale, Graduated on One Side Only in 32ds and 64ths, Complete with 1 Bevel and 1 Narrow Blade. Each \$3.10

Especially designed for fine tool makers.

One in a Box.

STEEL SQUARES

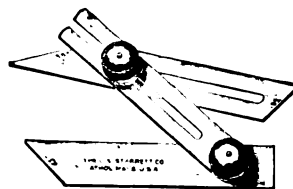


No. 20—Solid Steel, Hardened Edge, Not Graduated.

Length of Blade Inside of Beam, Inches	1	1 $\frac{1}{2}$	2
Full Length of Beam, Inches	1	1 $\frac{1}{2}$	1 $\frac{7}{8}$
Each	\$2.00	2.25	2.50
Length of Blade Inside of Beam, Inches	3	4 $\frac{1}{2}$	6
Full Length of Beam, Inches	2 $\frac{3}{8}$	3 $\frac{1}{2}$	4 $\frac{1}{8}$
Each	\$3.00	4.50	6.00

One in a Box.

COMBINATION BEVELS

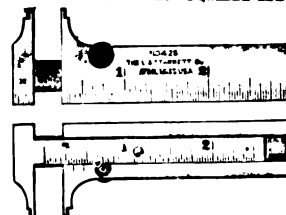


No. 49—With 4 inch Stock. Each \$2.00

This bevel has a stud riveted in the straight edge stock or head, on which its split blade is hinged, so as to swing over the stock and be clamped at any angle. The slotted auxiliary blade with clamp bolt may be slipped on to the split blade and be clamped at any desired angle and used, in combination with the stock of the other, for laying out work, measuring, or showing any angle desired, and when so combined will lie flat upon its work.

One in a Box.

POCKET SLIDE CALIPERS



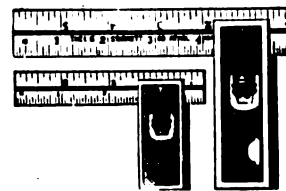
No. 425—Graduated 32ds and 64ths, with Improved Clamping Device.

Length, Inches	3	5
Each	\$2.50	3.50

The improved clamping device is a valuable feature.

One in a Box.

PATENT DOUBLE SQUARES



No. 13—Sliding Hardened Steel Blade, No. 4 Graduation, One Side 8ths and 16ths, Other Side 32ds and 64ths.

Complete with One Extra Bevel Blade.

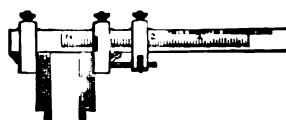
Length of Blade, Inches	4	6
Each	\$1.65	2.50

Note—The 4 inch Square is furnished without, and the 6 inch Square with level in stock.

The most practical square for machinists and fine tool makers use ever offered. The extra bevel blade gives both the hexagon and octagon angles. The bevel blade is not shown in above illustration.

One in a Box.

CALIPER SQUARES



For Both Inside and Outside Measure, Graduated in 64ths on One Side and 100ths on the Other, with Adjusting Screw.

No. 25C—6 inch, without Case	\$9.00
No. 025C—6 inch, with Leather Case	9.75

One in a Box.

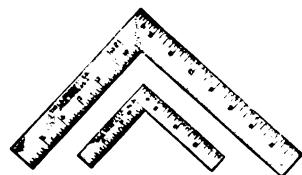
TRY SQUARES

No. 21—Thin Steel, Graduated, for Machinists and Draftsmen.

Size, Inches	2x1	3x2	4x3	6x4
Thickness, Inches	1/20	1/20	1/16	1/16
Each	\$1.25	1.75	2.25	3.25

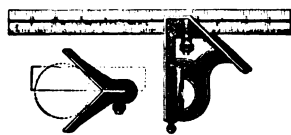
The 2 and 3 inch are graduated, 16ths and 64ths one side, 32nds and 64ths other side; 4 and 6 inch are graduated 16ths and 32nds on both sides.

One in a Package.



STARRETT TOOLS

COMBINATION SQUARES



Hardened Steel Blade, Graduated with Heavy Figures Reading Both Ways, No. 4 Graduation; One Side 8ths and 16ths, Other Side 32ds and 64ths.

No. 11—Without Center Head, with Level.

Length of Blade, Inches.....	6	9	12
Each	\$1.00	1.25	1.50

No. 011—With Center Head and Level.

Length of Blade, Inches.....	6	9	12
Each	\$1.50	1.75	2.00

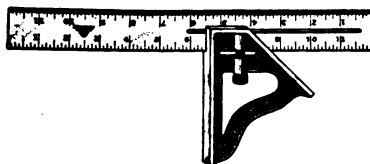
A complete substitute for a whole set of common try squares, one of the best gauges made for transferring exact measurements or laying out work.

One in a Box.

EXTRA BLADES

Length of Blade, Inches.....	6	9	12
Each	\$0.75	1.00	1.25

STANLEY'S ADJUSTABLE TRY AND MITRE SQUARES



No. 21—Nickel Plated Handle and Blade.

The Edges of the Blades are Machined, Graduated in 8ths, 16ths and 32ds, and the Tool is Square Inside and Out.

Length of Blade, Inches.....	6	9	12
Per Dozen	\$6.60	7.80	9.25

Especially useful for doing short work about windows, doors, etc., or in putting on butts or locks.

The blade is adjustable and as it can be reversed, provides any size of try or mitre square within the capacity of the tool.

The locking device is such as to insure the blade being firmly and accurately secured at any point desired.

One in a Box.

NEW COMBINATION SETS



No. 434—Hardened Steel Blade, No. 4 Graduation.

Length of Blade, Inches.....	9	12
Per Set	\$5.25	5.50

This set consists of a Combination Square with hardened drop forged stock and center head and a new reversible Protractor Head extending on both sides of the blade.

One in a Box.

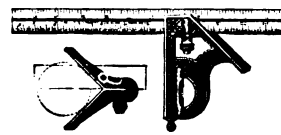
STEEL RULES, ENGLISH MEASURE



No. 300—Spring Tempered, $\frac{3}{4}$ in. or No. 18 Gauge Thick, No. 4 Graduation.

Graduations. First Corner, 64ths; Second Corner, 32ds; Third Corner, 16ths; Fourth Corner, 8ths.

Length, Inches	1	2	3	4	6
Width, Inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{3}{4}$
Each	\$0.20	.30	.40	.50	.65
Length, Inches	9	12	18	24	
Width, Inches	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	
Each	\$1.00	1.25	2.00	2.50	



Steel Blade, Not Hardened, Graduated with Figures Reading Both Ways, No. 4 Graduation, One Side 8ths and 16ths, Other Side 32ds and 64ths.

No. 23—Without Center Head, with Level.

Length of Blade, Inches.....	6	9	12
Each	\$1.00	1.25	1.50

No. 023—With Center Head and Level.

Length of Blade, Inches.....	6	9	12
Each	\$1.50	1.75	2.00

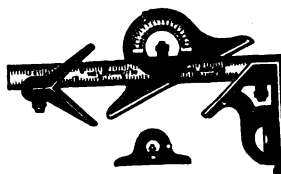
This Square is similar in design to No. 11, but, while the blade is made from good hard steel, it is not hardened.

One in a Box.

EXTRA BLADES

Length of Blade, Inches.....	6	9	12
Each	\$0.75	1.00	1.25

COMBINATION SETS



No. 9—Hardened Steel Blade, No. 4 Graduation.

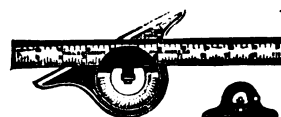
Graduations: First Corner, 64ths; Second Corner, 32ds; Third Corner, 16ths; Fourth Corner, 8ths.

Length of Blade, Inches.....	9	12
Per Set	\$3.75	4.00

Above cut shows No. 11 Combination Square with Center Head and additional 7 inch Bevel Protractor Head, all on the Square Scale. Each Head may be instantly removed and used interchangeably with the Scale, thus forming the most useful combination set of tools ever devised for mechanics' use.

One in a Box.

IMPROVED BEVEL PROTRACTORS

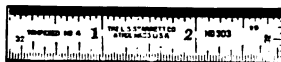


No. 12—12 inch Hardened Steel Blade, Graduated with Heavy Figures Reading Both Ways, No. 4 Graduation, One Side 8ths and 16ths, Other Side 32ds and 64ths, Length of Head 7 inches.....\$3.00

An adjustable rule, held firmly at any point by a thumb nut, passes through a revolving turret which is nicely graduated in degrees from 0 to 90, both right and left, and can be accurately adjusted to show any angle.

A valuable auxiliary is made in the shape of a small level attached to the head, forming an adjustable level to show any degree.

One in a Box.



No. 303—Spring Tempered, $\frac{3}{4}$ inch or No. 18 Gauge Thick, No. 4 Graduation, Also Graduated 32ds on Both Sides of One End.

Graduations: First Corner, 64ths; Second Corner, 32ds; Third Corner, 16ths; Fourth Corner, 8ths.

Length, Inches	2	3	4	6
Width, Inches	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{3}{4}$
Each	\$0.30	.40	.50	.65
Length, Inches	9	12	18	24
Width, Inches	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Each	\$1.00	1.25	2.00	2.50

STARRETT TOOLS



No. 320—Flexible, Very Thin, Spring Tempered, Graduated on One Side Only.

No. 10 Graduations: First Corner, 32ds; Second Corner, 64ths.
 Length, Inches 4 6
 Width, Inches $\frac{1}{2}$ $\frac{1}{2}$
 Each \$0.5065

These Rules will easily conform to a 2 inch circle.

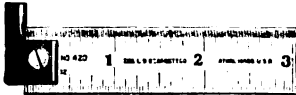


Narrow.

No. 330—Spring Tempered, $\frac{1}{4}$ inch or No. 18 Gauge Thick, Graduated One Corner Each Side Whole Length.

No. 10 Graduations: 32ds and 64ths.

Length, Inches 4 6
 Width, Inches $\frac{1}{8}$ $\frac{1}{8}$
 Each \$0.5065



Improved Hook.

No. 419—Spring Tempered, $\frac{1}{4}$ inch or No. 18 Gauge Thick, No. 4 Graduation, Also Graduated 32ds on Both Sides of One End.

No. 4 Graduations. First Corner, 64ths; Second Corner, 32ds; Third Corner, 16ths; Fourth Corner, 8ths.
 Length, Inches 6 6
 Width, Inches $\frac{3}{4}$ $\frac{3}{4}$
 Each \$1.00

Very convenient in taking measurements from round corners, through hubs of pulleys, setting inside calipers, etc., etc. The 6 inch may be carried in the pocket. The hook can be quickly removed by turning eccentric stud one-half round.

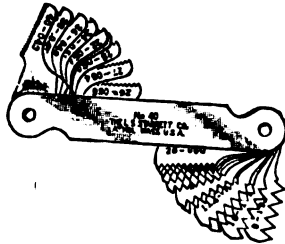


CENTER GAUGES

No. 390—Not Tempered, Graduated One Corner Each in 32ds, 24ths, 20ths and 14ths, 60 Degree Angle \$0.25

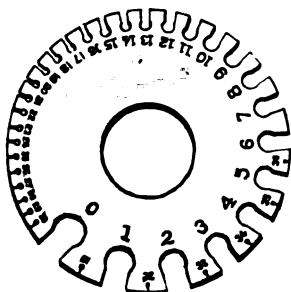
For use in grinding and setting screw cutting tools.

SCREW PITCH GAUGES



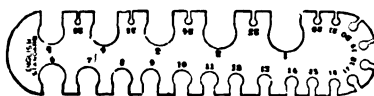
No. 40—Improved Screw Pitch Gauge Each \$1.00

This gauge has 22 pitches as follows: 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, and can be used inside a nut, as well as on the outside of a screw or bolt.

WIRE GAUGES
ENGLISH STANDARD

Cast Steel, Polished.

No. 1—Large, Round, Nos. 0 to 36 Each \$2.00
 No. 2—Small, Round, Nos. 6 to 36 1.50

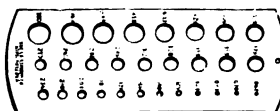


WIRE GAUGES

English Standard.

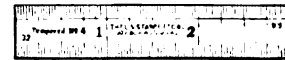
No. 3—Oblong, Nos. 0 to 36, Cast Steel, Polished Each \$2.00

JOBBER'S DRILL GAUGES



No. 187—For Gauging Twist Drills, Cast Steel, Hardened and Tempered, Standard Holes.... \$2.25

This gauge shows sizes from $\frac{1}{16}$ to $\frac{1}{2}$ inch, varying by 64ths. Each size is designated by both common and decimal fractions.



No. 407—With One Beveled Edge, Spring Tempered, $\frac{1}{4}$ inch Thick, No. 7 Graduation, with 100ths on Beveled Edge.

No. 7 Graduation: First Corner, 64ths; Second Corner, 32ds; Third Corner, 16ths; Fourth Corner, 100ths.

Length, Inches 6 6
 Width, Inches $\frac{3}{4}$ $\frac{3}{4}$
 Each \$0.65



Narrow Hook.

No. 422—Spring Tempered, $\frac{1}{4}$ inch Thick or No. 18 Gauge, Graduated One Corner Each Side Whole Length.

No. 10 Graduations: 32ds and 64ths.

Length, Inches 4 6
 Width, Inches $\frac{1}{8}$ $\frac{1}{8}$
 Each \$0.7590

These rules are designed for use in taking measurements through small holes where our regular hook rules cannot be used. They can also be used for setting inside calipers, etc. Measurements through holes as small as $\frac{3}{16}$ inch can be obtained.

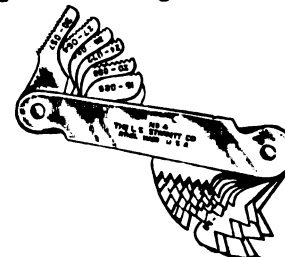
LUFKIN'S



No. 2204—Machine Divided, Tempered Steel, About 1/20 inch Thick, No. 4 Graduation, Also Graduated 32ds on Both Sides of One End.

No. 4 Graduation: First Corner, 64ths; Second Corner, 32ds; Third Corner, 16ths; Fourth Corner, 8ths.
 Length, Inches 6 12
 Width, Inches $\frac{3}{4}$ 1
 Each \$0.65 1.25

Each



No. 4—Screw Pitch Gauge Each \$1.25

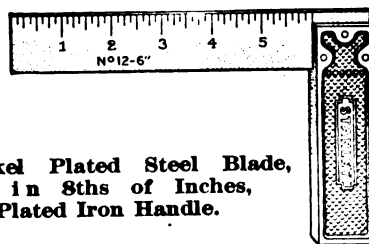
This gauge has 24 pitches as follows: 4, 4½, 5, 5½, 6, 7, 8, 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30. The teeth are sharp and clean cut, it can be used inside of a nut as well as on outside of a screw or bolt. It is also a convenient and reliable tool to use as a 60-degree center gauge and gauge to test the grinding of either an inside or outside threading tool.



No. 20—Blued Steel Blade, Graduated in 8ths of Inches, Rosewood Handle, with Brass Face Plate.

TRY SQUARES

STANLEY'S



No. 12—Nickel Plated Steel Blade, Graduated in 8ths of Inches, Nickel Plated Iron Handle.

Square Inside and Out.

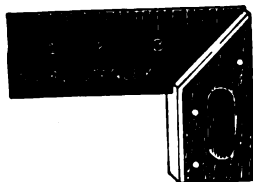
Length of Blade, Inches..	4 1/4	6	7 1/2	9
Length of Handle, Inches..	3 1/2	4 1/2	5 1/2	6
Weight Per Dozen, Lbs..	3 1/4	4	5 1/4	7 1/4
Per Dozen	\$4.00	5.50	6.00	7.50
Length of Blade, Inches..	10	12	15	18
Length of Handle, Inches..	6	7	8 1/4	9 3/4
Weight Per Dozen, Lbs..	7 1/2	9 1/2	12 1/4	15 1/4
Per Dozen	\$8.00	10.00	12.50	17.00

The edges of the blade are machined to insure accuracy. The inside of the handle has a brass face plate securely fastened with screws.

*The 15 and 18 inch sizes have a rest in the handle. One-half Dozen in a Box.

TRY AND MITRE SQUARES

STANLEY'S



No. 2—Blued Steel Blade, Graduated in 8ths of Inches, Rosewood Handle with Brass Face Plates.

Square Inside and Out.

Length of Blade, Inches....	4 1/4	6	7 1/2	9	12
Length of Handle, Inches...	3 3/4	4	5	5 3/4	5 3/4
Weight Per Dozen, Lbs....	3 3/4	4 1/2	5 1/4	7 1/2	8
Per Dozen	\$6.50	8.00	9.00	10.50	14.00

These Squares can be used with equal convenience and accuracy as a Try Square or a Mitre Square. One-half Dozen in a Box.

MITRE TRY SQUARES

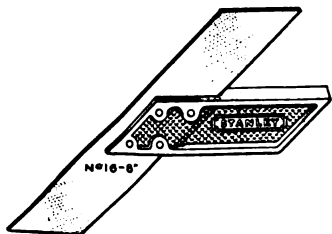
FOX'S

All Steel, Dull Nickel Finish. Per Dozen

No. 6—6 inch Blade, Graduated 8ths, 4 1/4 x 1 1/2 inch Head, Square Inside and Out,.....\$2.00
Weight Per Dozen 5 Pounds.
One-half Dozen in a Box.

MITRE SQUARES

STANLEY'S IMPROVED



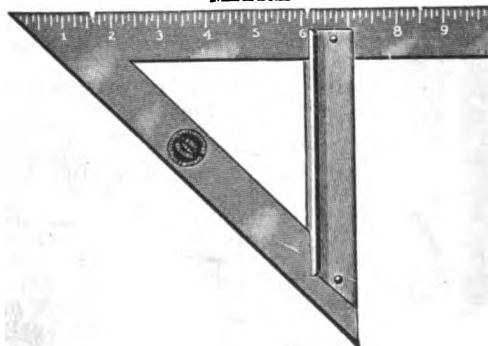
No. 16—Plain Nickel Plated Steel Blade, Nickel Plated Iron Handle.

Length Blade, In.	8	10	12
Lgh. Handle, In.	4 3/4	5 1/4	5 3/4
Wt. Dozen, Lbs..	8	9	10
Per Dozen	\$10.00	12.00	14.00

Much in demand for picture framing, as well as for other classes of regular mitred work. The blade is set at an angle of 45 degrees with the handle. One-half Dozen in a Box.

COMBINATION SQUARES

FOX'S COMBINED SQUARE AND MITRE



No. 3—10 inches Long, All Steel, Polished and Nickel Plated, Graduated 8ths, Simple, Accurate and Durable, no Adjusting Necessary, Weight Per Dozen 6 Lbs.....\$12.00
One-half Dozen in a Box.

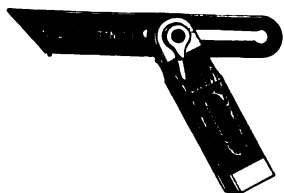
ROLLIS COMB. BEVEL AND SQUARE



Steel, Polished and Nickel Plated. Per Dozen
No. 1—Combines all the Advantages of a Figure 4 Mitre and Square with the Added Features of Having a Bevel, Weight Per Dozen 7 Lbs..\$12.00
One-half Dozen in a Box.

SLIDING T BEVELS

STANLEY'S

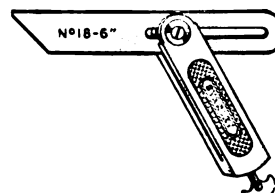


No. 25—Blued Steel Blade, Rosewood Handle with Brass Tips, Flush Brass Lever.

Length of Blade, Inches..	6	8	10	12	14
Length of Handle, Inches..	4 3/4	5 7/8	7 3/8	8 1/2	10 1/4
Weight Per Dozen, Lbs..	2 1/2	3 1/2	4 1/2	5 3/4	7
Per Dozen	\$5.00	5.50	6.00	6.50	7.00

These Bevels are so constructed that the bevel blade can be firmly secured by moving the lever with the thumb of the hand which grasps the handle, thus leaving free the other hand of the workman.

One-half Dozen in a Box.



No. 18—Nickel Plated High Grade Steel Blade, Nickel Plated Iron Handle, Thumb Screw in Handle.

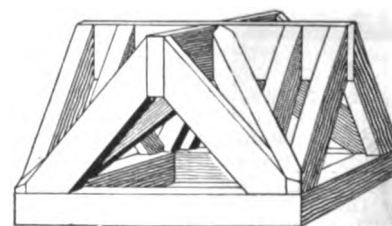
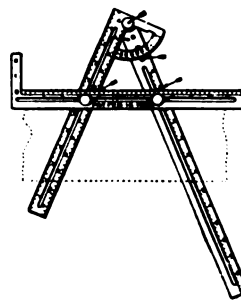
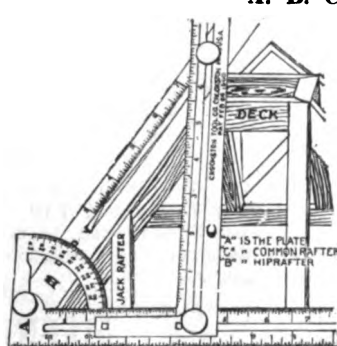
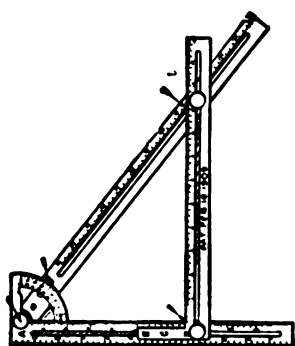
Length of Blade, Inches....	6	8	10
Length of Handle, Inches..	4 3/4	5 7/8	6 1/4
Weight Per Dozen, Lbs....	4 3/4	6 3/4	7
Per Dozen	\$9.00	11.00	12.00

These Bevels have an improved patented locking device which prevents the blade slipping after having once been locked in the desired position by means of a thumb screw. The blade is machined, hardened, tempered and ground on both edges and sides.

One-half Dozen in a Box.

PROTRACTOR SQUARES

A. B. C.



No. 1—A. B. C. Protractor Square, 16 1/4 inches Long, Steel, Accurately Graduated, Well Finished, Weight Each Boxed 1 1/2 Lbs. \$3.00

This is a carpenter's instrument which computes dimensions and angles mechanically. It does away with much figuring. It will prove your figures, if you prefer to work this way.

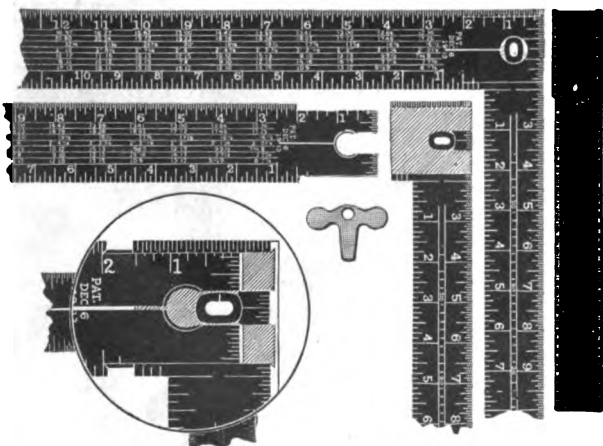
The three members, A, B and C constitute an adjustable triangle, combined with a degree circle.

It is especially useful in determining the measurements and angles at which rafters are to be cut; automatically shows the bevels or angles and computes lengths to the fraction of an inch.

Used in building framework, stairways and figures having a number of sides or segments such as towers, tanks, or silos.

STEEL SQUARES

NICHOLLS EXPANSION FIT JOINT TAKE-DOWN



Guaranteed to Remain True.

These Squares are so constructed so as to assure accuracy, and at same time take up the wear which comes in taking Squares apart and putting them together. They are constructed with bearings accurately machined, so as to bring the Square absolutely true when the cam is turned so as to expand the end of body in milled portion of tongue.

These Squares are hand fit, thus making a perfect joint, and taking this in connection with the expansion which comes when cam is turned, these Squares will last indefinitely.

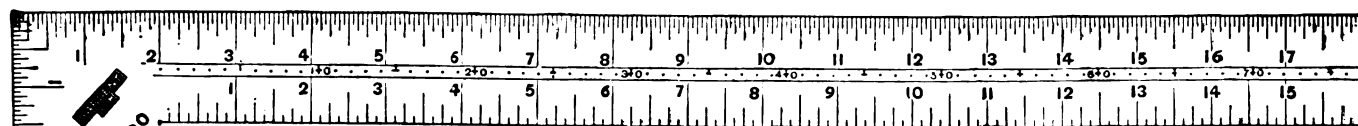
The following are some of the good points:

1. Strength where 1 1/2 inch portion of tongue joins on to 2 inch portion of Square.
2. Long bearings assure accuracy.
3. Tongue slipping on to body gives strength when throwing it down over joint or bench.
4. Oblong hole in cam so screw driver or nail can be used to release lock in case key is lost.
5. Bevel under cam holds end of tongue down.

Two Feet, Steel, In Rust Proof Canvas Case.

No. Z3—Polished, 24x2 inch Body, 16x1 1/2 inch Tongue, Face Marked 1/8 and 1/4 inch, Back Marked 1/12 and 1/4 inch, Board and Brace Measure, Octagon Scale.....	Per Dozen
No. Z100—Oxidized, 24x2 inch Body, 16x1 1/2 inch Tongue, Face Marked 1/8 and 1/8 inch, Back Marked 1/2, 1/12 and 1/10 inch, Essex's Board Measure, Brace Octagon, and 1/100 Scale.....	\$31.00
No. Z100F—Oxidized, Framing, 24x2 inch Body, 16x1 1/2 inch Tongue, Face Marked 1/8 and 1/8 inch, Back Marked 1/2, 1/12 and 1/10 inch, Regular Roof Framing Rule, Brace Measure, Octagon and 1/100 Scale.....	40.00
	44.00

STEEL SQUARES



TWO FEET, STEEL, POLISHED

	Per Dozen
No. 100—Width 2 inches, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{10}$, $\frac{1}{8}$ inch, with Brace Measure, 8 Square and $\frac{1}{100}$ Scale, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue.....	\$19.00
No. 1—Width 2 inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{8}$ inch, with Brace Measure, 8 Square and $\frac{1}{100}$ Scale, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue.....	18.00
No. 2—Width 2 inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{8}$, $\frac{1}{4}$ inch, with Brace Measure, 8 Square Scale, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue.....	16.00
No. 3—Width 2 inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{4}$ inch, with Brace Measure, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue	15.00
No. 14—Width 2 inches, $\frac{1}{8}$, $\frac{1}{4}$, 1 inch, Essex's New Board Measure, Giving Feet and Inches in Full, 16 inch Tongue.....	13.00

TWO FEET, BLUED STEEL, WHITE ENAMELED MARKING

	Per Dozen
No. 3B—Width 2 inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{4}$ inch, with Brace Measure, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue	\$21.00
No. 14B—Width 2 inches, $\frac{1}{8}$, $\frac{1}{4}$, 1 inch, Essex's New Board Measure, Giving Feet and Inches in Full, 16 inch Tongue.....	19.00

TWO FEET, OXIDIZED COPPER, WHITE ENAMELED MARKING

	Per Dozen
No. 1C—Width 2 inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{8}$ inch, with Brace Measure, 8 Square and $\frac{1}{100}$ Scale, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue.....	\$24.00
No. 100RC—Royal Copper, White Marking, Width 2 inches, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{10}$, $\frac{1}{8}$ inch, with Brace Measure, 8 Square and $\frac{1}{100}$ Scale, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue.....	33.00

TWO FEET, GALVANIZED

	Per Dozen
No. 3G—Width 2 inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{4}$ inch, with Brace Measure, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue	\$21.00

TWO FEET, STEEL, NICKEL PLATED

	Per Dozen
No. 200—Width 2 inches, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{10}$, $\frac{1}{8}$ inch, with Brace Measure, 8 Square and $\frac{1}{100}$ Scale, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue.....	\$26.00
No. 101—Width 2 inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{8}$ inch, with Brace Measure, 8 Square and $\frac{1}{100}$ Scale, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue.....	24.00
No. 103—Width 2 inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{4}$ inch, with Brace Measure, and Essex's New Board Measure, Giving Feet and Inches in Full, 16, 17 and 18 inch Tongue	21.00

ONE FOOT, STEEL, POLISHED

	Per Dozen
No. 12—Plain, Width 1 $\frac{1}{2}$ inches, $\frac{1}{8}$, $\frac{1}{12}$, $\frac{1}{8}$ inch and $\frac{1}{100}$ Scale, 8 inch Tongue.....	\$11.50
No. 10—Extra, Width 1 $\frac{1}{2}$ inches, $\frac{1}{12}$, $\frac{1}{8}$, $\frac{1}{4}$ inch, 8 inch Tongue	10.00

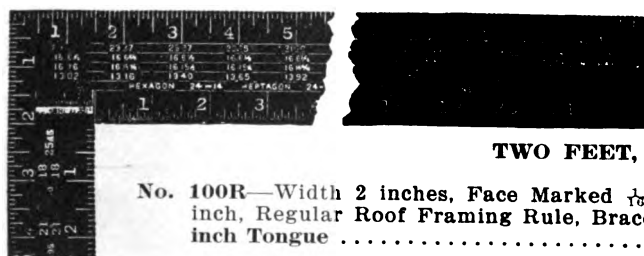
ONE FOOT, STEEL, NICKEL

	Per Dozen
No. 704—Marked on Both Sides, 7 inch Tongue.....	\$2.50

TWO FEET, STEEL, NOT TAPERED, POLISHED

	Per Dozen
No. 21—Width 1 $\frac{1}{2}$ inches, Marked in $\frac{1}{8}$ ths on One Side, 12 inch Tongue.....	\$5.50
No. 22—Width 1 $\frac{1}{2}$ inches, Marked in $\frac{1}{8}$ ths on Both Sides, 12 inch Tongue.....	6.50
No. 24—Width 2 inches, Marked in $\frac{1}{8}$ ths on Both Sides, 12 inch Tongue.....	7.50

NICHOLS RAFTER



TWO FEET, STEEL, POLISHED

	Per Dozen
No. 100R—Width 2 inches, Face Marked $\frac{1}{8}$ and $\frac{1}{4}$ inch, Back Marked $\frac{1}{12}$, $\frac{1}{10}$ and $\frac{1}{8}$ inch, Regular Roof Framing Rule, Brace Measure, Octagon and $\frac{1}{100}$ Scale, 16x1 $\frac{1}{2}$ inch Tongue	\$24.00

TWO FEET, OXIDIZED COPPER BLACK, WITH WHITE FIGURES

	Per Dozen
No. 1RC—Width 2 inches, Face Marked $\frac{1}{8}$ and $\frac{1}{4}$ inch, Back Marked $\frac{1}{12}$ and $\frac{1}{8}$ inch, Regular Roof Framing Rule, Brace Measure, Octagon and $\frac{1}{100}$ Scale, 16x1 $\frac{1}{2}$ inch Tongue.....	\$27.00

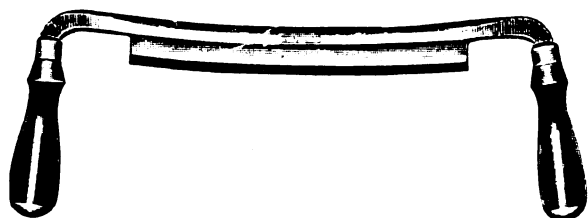
TWO FEET, STEEL, POLISHED

	Per Dozen
No. 3R—Width 2 inches, Face Marked $\frac{1}{8}$ and $\frac{1}{4}$ inch, Back Marked $\frac{1}{12}$ and $\frac{1}{4}$ inch, Regular Roof Framing Rule, Brace Measure and Octagon Scale, 16x1 $\frac{1}{2}$ inch Tongue.....	\$20.00

Nos. 21, 22, 24 and 704 Squares are Packed One-half Dozen in a Box; All Others, One-quarter Dozen.

DRAWING KNIVES

WITHERBY'S CARPENTERS'



No. 115—Best Cast Steel Razor Blade, $1\frac{1}{16}$ inches Wide, Maroon Stained Handles, Polished Steel Caps and Ferrules.

Length of Blade, Inches.	7	8	9	10	12
Weight Per Dozen, Lbs.	13	14	15	16	17
Per Dozen	\$13.50	13.50	14.40	15.60	18.00

One-half Dozen in a Box.

BARTON'S CARPENTERS'



No. 85—Solid Cast Steel Razor Blade, $1\frac{1}{4}$ inches Wide, Applewood Handles, Polished Steel Caps and Ferrules.

Length of Blade, Inches....	8	9	10	12
Weight Per Dozen, Lbs....	14	15	16	17
Per Dozen	\$19.20	24.00	25.60	28.80

One-quarter Dozen in a Package.

FARMER'S

No. 8—8 inch Cast Steel Blade, Hickory Handles, Not Warranted, Weight Per Dozen 12 Lbs.....\$8.00
One-half Dozen in a Box.

OHIO FOLDING CARPENTERS'



No. 600—Best Tool Steel Razor Blade, $1\frac{1}{4}$ inches Wide, Adjustable Cherry Stained Handles, Polished Steel Caps and Ferrules.

Length of Blade, Inches..	6	7	8
Weight Per Dozen, Lbs..	12	14	18
Per Dozen	\$20.00	21.00	22.00

One-half Dozen in a Box.

WILKINSON'S FOLDING CARPENTERS'

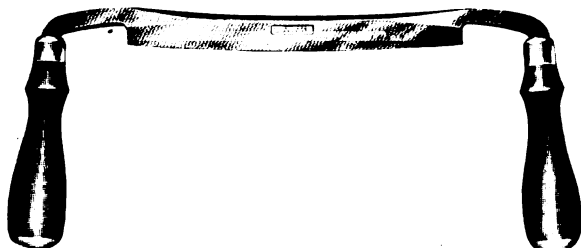


Best Cast Steel Razor Blade, Oil Tempered and Polished, Folding and Adjustable Hardwood Handles.

Nos.	1	2	3
Length of Blade, Inches..	6	7	8
Weight Per Dozen, Lbs..	12	15	20
Per Dozen	\$21.00	22.50	24.00

One-half Dozen in a Box.

WITHERBY'S CARRIAGE MAKERS'

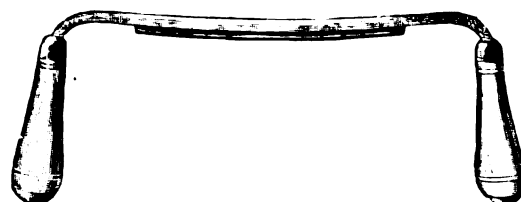


No. 125—Narrow Best Cast Steel Blade, $\frac{7}{8}$ inch Wide, Beveled on Both Sides, Maroon Stained Handles, Polished Steel Caps and Ferrules.

Length of Blade, Inches..	8	9	10
Weight Per Dozen, Lbs..	10	11	12
Per Dozen	\$18.50	19.50	21.00

One-half Dozen in a Box.

BARTON'S CARRIAGE MAKERS'



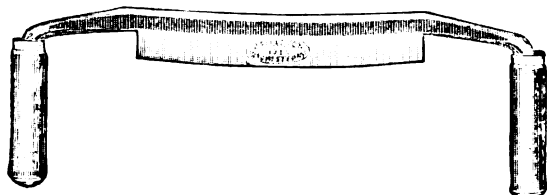
No. 87—Solid Cast Steel Razor Blade, $\frac{3}{4}$ inch Wide, Applewood Handles, Polished Steel Caps and Ferrules.

Length of Blade, Inches..	1	9	10
Weight Per Dozen, Lbs..	9	10	11
Per Dozen	\$22.40	24.00	25.60

One-quarter Dozen in a Package.

DRAWING KNIVES

BARTON'S WAGON MAKERS'

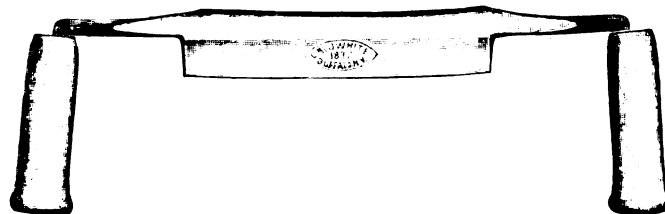


No. 88—Heavy Solid Cast Steel Blade, $1\frac{1}{4}$ to $1\frac{3}{4}$ inches Wide, Black Walnut Handles, Capped.

Length of Blade, Inches.....	8	10
Weight Per Dozen, Lbs.....	15	16
Per Dozen	\$24.00	28.00

One-quarter Dozen in a Package.

HEADING SHAVES



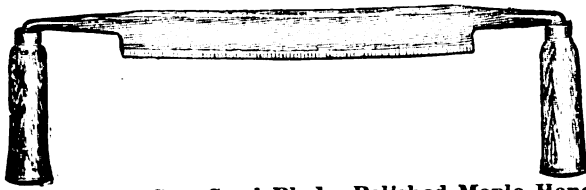
No. 82—White's, $12 \times 2\frac{1}{2}$ inch Cast Steel Blade, Beveled on Face Side, Polished Walnut Handles....\$38.30

No. 127—Barton's, $12 \times 2\frac{1}{2}$ inch Cast Steel Blade, Black Walnut Handles..... 38.30

Weight Per Dozen 24 Pounds.
One-quarter Dozen in a Package.

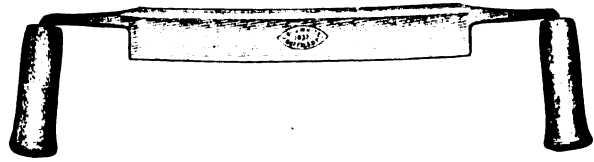
SHINGLE SHAVES

OHIO



No. 247—Heavy Cast Steel Blade, Polished Maple Handles.
 Length of Blade, Inches..... 12 14
 Weight Per Dozen, Lbs..... 24 26
 Per Dozen \$26.00 28.00
 One-quarter Dozen in a Package.

WHITE'S



No. 37—Heavy Cast Steel Blade, 1 3/4 inch Wide, Polished Walnut Handles.
 Length of Blade, Inches..... 12 14
 Weight Per Dozen, Lbs..... 24 26
 Per Dozen \$30.00 34.00
 One-quarter Dozen in a Package.

SPOKE SHAVES



No. 1—8 1/2 inches Long, 1 3/4 inch Cast Steel Cutter, Double Ironed, Raised Japanned Iron Handles....\$2.50
 Weight Per Dozen 3 1/2 Pounds.
 One Dozen in a Box.

Per Dozen



No. 3—9 1/2 inches Long, Double Cast Steel Cutters, 1 3/4 inch Straight and 1 1/4 inch Concave, Double Ironed, Raised Japanned Iron Handles.....\$3.00
 Weight Per Dozen 5 Pounds.
 One Dozen in a Box.

Per Dozen

BAILEY'S IRON

Bailey's Iron Spoke Shaves have cutters made from a high grade of steel, well tempered and sharpened ready for use. Through both ends of the handles a hole is made to enable the owner to hang the tool out of the way.



No. 51—10 inches Long, 2 1/4 inch Cast Steel Cutter, Double Iron, Raised Japanned Iron Handles.....\$5.00
 Extra Cutters 1.25
 Easily adjusted without the use of a screw driver.
 Weight Per Dozen 7 1/4 Pounds.
 One-half Dozen in a Box.

Per Dozen



No. 52—10 inches Long, 2 1/4 inch Cast Steel Cutter, Double Iron, Straight Japanned Iron Handles.....\$5.00
 Extra Cutters 1.25
 Easily adjusted without the use of a screw driver.
 Weight Per Dozen 7 1/4 Pounds.
 One-half Dozen in a Box.

Per Dozen



No. 53—10 inches Long, 2 1/4 inch Cast Steel Cutter, Adjustable Mouth, Raised Japanned Iron Handles..\$6.50
 Extra Cutters 1.25
 By means of a thumb screw the mouth can be opened or closed as coarse or fine work may require.
 Weight Per Dozen 8 3/4 Pounds.
 One-half Dozen in a Box.

Per Dozen



No. 60—10 inches Long, Two 1 1/2 inch Cast Steel Cutters, One Hollow and One Straight, Straight Japanned Iron Handles.....\$6.50
 Extra Cutters 2.50
 The two forms of cutters in one tool make it a very handy spoke shave.

Per Dozen

Weight Per Dozen 8 3/4 Pounds.
 One-half Dozen in a Box.

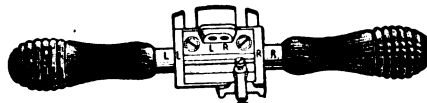
STANLEY'S ADJUSTABLE



No. 151—10 inches Long, 2 1/4 inch Cast Steel Cutter, Adjustable, Raised Japanned Iron Handles\$8.00
 No. 152—Same as No. 151, but with Straight Handles..... 8.00
 This Shave has a lever cap fastening the cutter in such a manner as to bring an even pressure on the cutting edge. The cutter can be quickly adjusted both endwise and sidewise by means of adjusting screws.
 Weight Per Dozen 8 1/2 Pounds.
 One-half Dozen in a Box.

Per Dozen

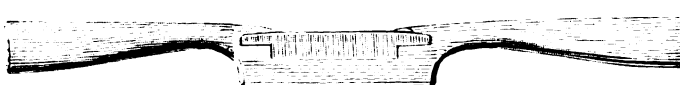
STANLEY'S UNIVERSAL



No. 67—9 1/4 inches Long, Rosewood Handles, Nickel Plated Metal Parts, 1 1/4 inch Cast Steel Cutter, Complete with Two Detachable Bottoms, One for Straight Work, the Other for Circular Work..\$26.00
 The handles are detachable and either one can be screwed into the top of the stock, enabling the user to work into corners or panels.
 Weight Per Dozen 9 Pounds.
 One-twelfth Dozen in a Box.

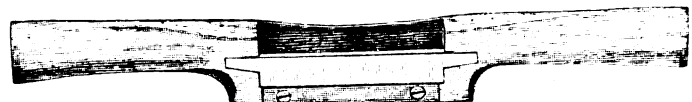
Per Dozen

WOOD



No. 49—2 inch Cast Steel Cutter, Flat Face, Beechwood Handles, Plain\$6.50
 No. 50—1 1/2 inch Cast Steel Cutter, Flat Face, Boxwood Handles, Plain 9.50
 One-half Dozen in a Box.

Per Dozen



No. 35—3 inch Cast Steel Cutter, Beechwood Handles, Plain\$6.00
 No. 36—3 inch Cast Steel Cutter, Beechwood Handles, Plated 8.00
 One-half Dozen in a Box.

Per Dozen

STANLEY'S RAZOR EDGE



No. 84—11 inches Long, Polished Boxwood Handles, 2 inch Cast Steel Cutter.....\$16.80

Per Dozen

The cutter is hollow ground, giving an exceptionally keen cutting edge. Has an adjustable front which can be moved up or down. The cutter itself is also adjustable, permitting a narrow or wide opening of the mouth.

Weight Per Dozen 4 Pounds.

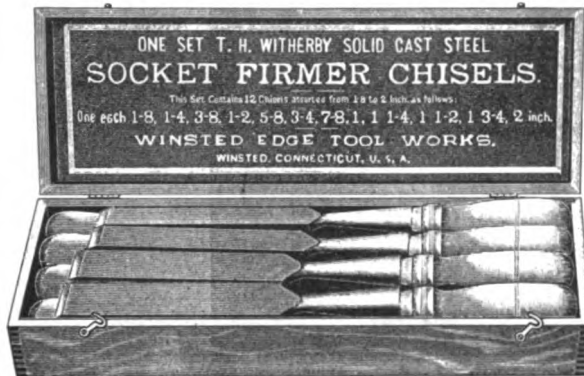
One-quarter Dozen in a Box.

CHISEL SETS

WITHERBY'S WARRANTED

The Witherby's Brand is Built on 80 Years' Experience.

SOCKET FIRMER, IN FANCY WOOD BOXES



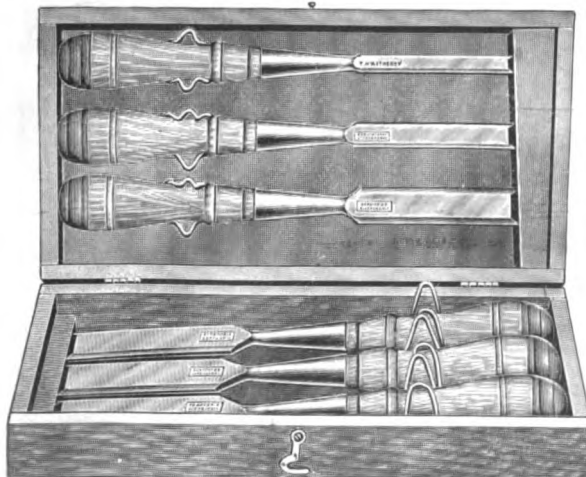
Plain Edge, 6 1/2 inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Selected Hickory Handle.

- No. 212 Set**—Consists of 12 No. 10 Chisels with Plain Hickory Handles, 1 Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches.....**\$9.00**
No. 412 Set—Consists of 12 No. 100 Chisels with Leather Tipped Hickory Handles, 1 Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches..... **9.50**
 Average Weight Per Set 9 1/2 Pounds.
 One Set in a Fancy Wood Box.

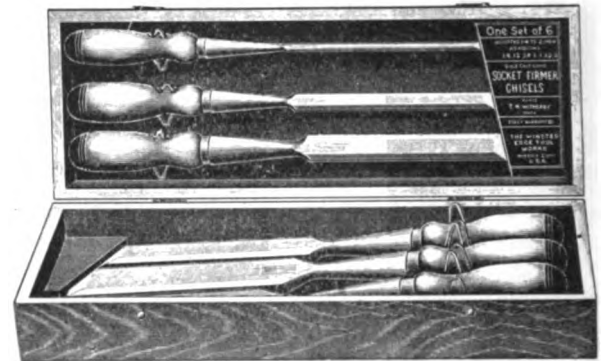


Beveled Edge, 6 1/2 inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Leather Tipped Selected Hickory Handle.

- No. 442 Set**—Consists of 12 No. 150 Chisels, 1 Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches**\$10.50**
 Average Weight Per Set 9 1/2 Pounds.
 One Set in a Fancy Wood Box.



No. 515 Set.



Beveled Edge, 6 1/2 inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Selected Hickory Handle.

- No. 886 Set**—Consists of 6 No. 150 Chisels with Leather Tipped Hickory Handles, 1 Each 1/4, 1/2, 3/4, 1, 1 1/2 and 2 inches.....**\$7.00**
 Average Weight Per Set 7 1/2 Pounds.
 One Set in a Fancy Wood Box.



Beveled Edge, 6 1/2 inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Leather Tipped Selected Hickory Handle.

- No. 882 Set**—Consists of 12 No. 150 Chisels, 1 Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches**\$12.00**
 Average Weight Per Set 11 1/2 Pounds.
 One Set in a Fancy Wood Box with Chisel Holders.

POCKET CHISEL SETS

WITHERBY'S WARRANTED

SOCKET FIRMER, IN FANCY BOXES

Extra Cast Steel, 3 1/2 inch Blade, Very Thin, Polished Hickory Handle.

- No. 500 Set**—Consists of 6 No. 500 Pocket Ch'sels with Plain Edges and Plain Handles, 1 Each 1/4, 1/2, 3/4, 1, 1 1/4 and 1 1/2 inches**\$5.00**
No. 515 Set—Consists of 6 No. 515 Pocket Chisels with Beveled Edges and Leather Tipped Handles, 1 Each 1/4, 1/2, 3/4, 1, 1 1/4 and 1 1/2 inches..... **6.00**
 Average Weight Per Set 3 1/2 Pounds.
 One Set in a Fancy Wood Box.

CHISEL ROLLS

Heavy Brown Duck, Leather Bound, with Loops for Handles and Pockets for Blades, Strap and Buckle Fastening.

- No. 6**—Holds 6 Chisels.....**Each \$0.75**
No. 12—Holds 12 Chisels..... **1.00**

CHISELS

WITHERBY'S WARRANTED SOCKET FIRMER

Forged from Solid Bar of
Best Silver Steel.Built on 80 Years'
Experience.

No. 10—Plain Edge, 6½ inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Polished Hickory Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs...	4	4¼	4½	5	6	7	8	9	11	12	15	18
Per Dozen	\$6.50	6.50	6.50	6.50	7.00	7.50	8.00	8.50	9.00	10.00	11.00	12.00
One-half Dozen in a Slide Cover Wooden Box.												

One-half Dozen in a Slide Cover Wooden Box.

Per Set

No. 8 Set—Consists of 8 Assorted No. 10 Chisels, 1 Each ¾, ¾, ½, ¾, 1, 1¼, 1½ and 2 inches, Weight Per Set 6 Lbs. \$6.00

No. 12 Set—Consists of 12 Assorted No. 10 Chisels, 1 Each ¾, ¾, ¾, ½, ¾, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 8 Lbs. 8.00

One Set in a Slide Cover Wooden Box.



No. 100 Plain Edge, 6½ inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Polished Leather Tipped Hickory Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2	
Weight Per Dozen, Lbs...	4	4¼	4½	5	6	7	8	9	11	12	15	18
Per Dozen	\$7.00	7.00	7.00	7.00	7.50	8.00	9.00	9.50	10.00	11.00	12.00	13.00

One-half Dozen in a Slide Cover Wooden Box.

One-half Dozen in a Slide Cover Wooden Box.



No. 150—Beveled Edge, 6½ inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Polished Leather Tipped Hickory Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs...	4	4¼	4½	5	6	7	8	9	11	12	15	18
Per Dozen	\$8.50	8.50	8.50	8.50	9.00	9.50	10.00	10.50	11.50	12.50	13.00	14.00

One-half Dozen in a Slide Cover Wooden Box.

One-half Dozen in a Slide Cover Wooden Box.

Per Set

No. 08 Set—Consists of 8 Assorted No. 150 Chisels, 1 Each ¾, ¾, ½, ¾, 1, 1¼, 1½ and 2 inches, Weight Per Set 6 Lbs. \$ 7.50

No. 012 Set—Consists of 12 Assorted No. 150 Chisels, 1 Each ¾, ¾, ¾, ½, ¾, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 8 Lbs. 10.00

One Set in a Slide Cover Wooden Box.



No. 195—CABINET OR SHORT PATTERN, Beveled Edge, 4½ inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Polished Leather Tipped Hickory Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	1	1 ¼	1 ½	1 ¾	2	
Weight Per Dozen, Lbs...	3 ½	3 ¾	4	4 ½	5 ½	6 ½	7	8	9	10	14	17
Per Dozen	\$8.50	8.50	8.50	8.50	9.00	9.50	10.00	10.50	11.50	12.50	13.00	14.00

One-half Dozen in a Slide Cover Wooden Box.

One-half Dozen in a Slide Cover Wooden Box.

BUCK BROS. SOCKET FIRMER

No. 36—Beveled Edge, High Grade English Cast Steel, Highly Polished, Polished Leather Tipped Hickory Handle.
The 1 inch is 5½ inches Long in the Blade.

The 1 1/2 inches 3/4 inches long in the grade.														
Width, Inches.....	1/8	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2		
Wt. Per Dozen, Lbs....	3 1/2	3 3/4	4	4 1/4	4 1/2	5	6 1/2	7	7 1/2	8	9	10 1/2	12	14
Per Dozen	\$8.50	9.00	9.50	10.00	10.50	11.00	11.75	12.50	13.00	14.00	15.00	16.00	17.00	20.00

One-half Dozen in a Box.

Per Set

No. 36A Set—Consists of 12 Assorted No. 36 Chisels, 1 Each ¾, ¾, ¾, ½, ¾, ¾, ¾, 1, 1¼, 1½, 1¾, and 2 inches, Weight Per Set 7 Lbs. \$14.00

One Set in a Box.

BUCK BROS. TANGED FIRMER



No. 30—Beveled Edge, High Grade English Cast Steel, Polished, Ground Sharp and Honed, Polished Leather Tipped Hickory Handle, Cast Brass Ferrule.

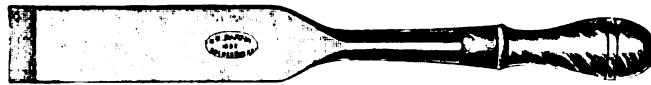
The 1 inch is 5½ inches Long from the Bolster.

The 1 inch is 5 1/2 inches Long from the Bolster.																
Width, Inches.....	3/8	7/8	1 1/4	1 1/8	3/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2
Wt. Dozen, Lbs.....	2 1/2	2 5/8	2 3/4	2 7/8	3	3 1/2	4	4 1/4	4 1/2	4 3/4	5 1/4	6	6 1/2	7	8	10
Per Dozen.....	\$7.75	8.00	8.25	8.50	8.75	9.00	9.50	10.00	10.50	11.00	11.50	14.00	14.50	18.50	21.00	24.00
One-half Dozen in a Box.																

One-half Dozen in a Box.

CHISELS

BARTON'S SOCKET FIRMER



No. 97—Plain Edge, 6½ inch Blade, Solid Cast Steel, Polished, Selected Applewood Handle, Polished.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs.	3	3	3½	4	4½	5½	7	8	10	12	15	17
Per Dozen	\$6.50	7.00	7.50	8.00	8.75	9.50	10.50	11.00	12.00	13.00	14.50	16.00

One-half Dozen in a Box.

No. 97S Set—Consists of 12 Assorted No. 97 Chisels, 1 Each ¾, ¾, ¾, ½, ¾, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 8 Lbs. \$9.50

One Set in a Box.

BARTON'S MILLWRIGHTS' SOCKET FIRMER



No. 99—Plain Edge, 8 inch Heavy Blade, Solid Cast Steel, Polished, Selected Hickory Handle, Polished.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs.	4	5	6	8	9	12	13	14	16	18	22	26
Per Dozen	\$14.50	14.50	15.00	16.00	16.50	17.50	18.50	19.50	22.00	24.50	28.00	31.00

One-half Dozen in a Box.

No. 99S Set—Consists of 12 Assorted No. 99 Chisels, 1 Each ¾, ¾, ¾, ½, ¾, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 10 Lbs. \$20.00

One Set in a Box.

No. 099—Plain Edge, 12 inch Heavy Blade, Solid Cast Steel, Polished, Selected Hickory Handle, Polished.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs.	5½	6½	7½	9½	11½	15	16	17	18	21	24	29
Per Dozen	\$20.00	20.00	21.50	22.50	24.00	25.00	26.00	27.00	30.00	34.00	40.00	48.00

One-half Dozen in a Box.

No. 099S Set—Consists of 12 Assorted No. 099 Chisels, 1 Each ¾, ¾, ¾, ½, ¾, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 14 Lbs. \$28.00

One Set in a Box.

BARTON'S MANUAL TRAINING SOCKET MORTISE



No. 92A—Short Set Solid Cast Steel Blade About 4 inches Long, Polished, Hickory Handle with Iron Ring.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs.	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
Per Dozen	\$10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00	15.50

One-half Dozen in a Box.

WITHERBY'S WARRANTED SOCKET POCKET



No. 500—Plain Edge, 3½ inch Blade, Very Thin, Forged Extra Cast Steel, Polished, Selected Hickory Handle, Polished.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs.	2½	3	3½	4	4½	5	6	7	8	9	10	11
Per Dozen	\$6.50	6.50	6.50	7.00	7.50	8.00	8.50	9.00	10.00	11.00	12.00	12.00

One-half Dozen in a Slide Cover Wooden Box.

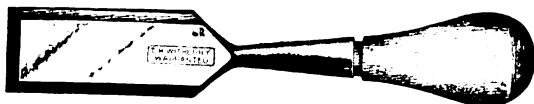


No. 515—Beveled Edge, 3½ inch Blade, Very Thin, Forged Extra Cast Steel, Polished, Selected Leather Tipped Hickory Handle, Polished.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs.	2½	3	3½	4	4½	5	6	7	8	9	10	11
Per Dozen	\$8.00	8.00	8.00	8.50	9.00	9.50	10.00	11.00	12.00	12.50	13.50	13.50

One-half Dozen in a Slide Cover Wooden Box.

WITHERBY'S WARRANTED SOCKET BUTT



No. 565—Beveled Edge, 2½ inch Thin Blade, Forged Extra Cast Steel, Polished, New Style Leather Tipped Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs.	3¾	4	4	4	4½	5	5	5	5½	6½	6½	7
Per Dozen	\$8.00	9.00	9.00	9.00	10.00	11.00	11.00	12.00	12.00	12.50	13.50	13.50

One-half Dozen in a Slide Cover Wooden Box.

A light weight Socket Butt Chisel, with a new style handle. A lighter tool than the Regular Butt Chisel, with a thinner blade, 2½ inches long. The socket is light and strong, and the new shaped handle gives control over the tool which is very essential in close work.

CHISELS

WITHERBY'S WARRANTED TANGED BUTT



No. 270—Plain Edge, 3 inch Blade, Very Thin, Forged Extra Cast Steel, Polished, Selected Hickory Handle, Brass Ferrule.

Width, Inches	3/4	3/8	1/2	5/8	3/4
Wt. Per Dozen, Lbs.	2 1/2	3	3 1/2	3 3/4	4
Per Dozen	\$4.00	4.25	4.50	5.00	5.50
Width, Inches	1	1 1/4	1 1/2	1 3/4	2
Wt. Per Dozen, Lbs.	4 1/2	5	5 1/2	6 1/2	7
Per Dozen	\$6.50	8.50	10.00	12.00	14.00

One-half Dozen in a Wooden Box.

BUCK BROS. SOCKET BUTT

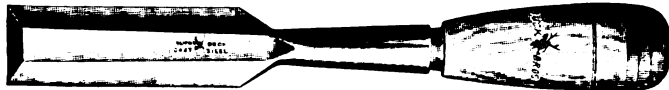


No. 275—Beveled Edge, 3 inch Blade, Very Thin, Forged Extra Cast Steel, Polished, Selected Hickory Handle, Brass Ferrule.

Width, Inches	3/4	3/8	1/2	5/8	1
Wt. Per Dozen, Lbs.	2 1/2	3	3 1/2	4	4 1/2
Per Dozen	\$4.50	4.75	5.00	6.00	7.00
Width, Inches	1 1/4	1 1/2	1 3/4	2	
Wt. Per Dozen, Lbs.	5	5 1/2	6 1/2	7	
Per Dozen	\$9.00	11.00	13.00	15.00	

One-half Dozen in a Wooden Box.

BUCK BROS. TANGED BUTT



No. 39—Beveled Edge, 3 3/4 inch Blade, High Grade English Cast Steel, Highly Polished, Ground Sharp, Leather Tipped Hickory Handle.

Width, Inches	3/8	1/2	3/4	1	1 1/4	1 1/2
Wt. Dozen, Lbs.	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4
Per Dozen	\$7.50	7.75	8.00	8.50	9.00	10.00
Width, Inches	1 1/4	1 1/2	1 3/4	2		
Wt. Dozen, Lbs.	5	5 1/4	6 3/4	7 1/2	8 1/2	9 1/2
Per Dozen	\$10.50	11.00	13.00	14.00	16.00	17.50

One-half Dozen in a Box.



No. 4—Beveled Edge, 4 inch Blade, High Grade English Cast Steel, Polished, Ground Sharp and Honed, Leather Tipped Hickory Handle, Brass Ferrule.

Width, Inches	3/8	1/2	3/4	1	1 1/4	1 1/2
Wt. Dozen, Lbs.	2	2 1/2	3	3 1/2	4	4 1/4
Per Dozen	\$7.50	7.75	8.00	8.50	10.00	10.50
Width, Inches	1	1 1/4	1 1/2	1 3/4	2	
Wt. Dozen, Lbs.	4 1/2	5	5 1/2	6	6 1/2	
Per Dozen	\$11.00	14.00	16.00	20.00	22.00	

One-half Dozen in a Box.

WITHERBY'S WARRANTED SOCKET FRAMING



No. 30—Oval Back, 8 inch Blade, Forged from Solid Bar of Best Silver Steel, Polished and Sharpened Ready for Use, Polished Hickory Handle with Heavy Steel Ring on Tip to Protect Wood.

Width, Inches	3/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	1 7/8	2
Weight Per Dozen, Lbs.	10	10 1/2	11	11 1/2	12	14	16	18 1/2	21	26	28	30
Per Dozen	\$9.00	9.00	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.50	16.00	16.00

No. 35—With Beveled Edge, Otherwise Same as No. 30.

Width, Inches	1	1 1/4	1 1/2	1 3/4	2							
Weight Per Dozen, Lbs.	16	18 1/2	21	26	30							
Per Dozen	\$13.50	14.50	15.50	17.00	18.50							

One-half Dozen in a Slide Cover Wooden Box.

BARTON'S SOCKET FRAMING



No. 92—Oval Back, 8 inch Blade, Solid Cast Steel, Polished, Selected Hickory Handle with Heavy Steel Ring on Tip to Protect Wood.

Width, Inches	3/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	10	10 1/2	11	11 1/2	12	14	16	18 1/2	21	26	30
Per Dozen	\$9.50	10.50	11.00	12.00	13.00	14.00	14.50	15.00	16.00	17.00	19.00

One-half Dozen in a Box.

WITHERBY'S WARRANTED SOCKET CORNER



No. 40—Inside Bevel, 8 1/2 inch Blade, Forged from Solid Bar of Best Silver Steel, Sharpened Ready for Use, Polished Hickory Handle with Heavy Steel Ring on Tip to Protect Wood.

Width, Inches	3/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	15	17	20	25	27						
Per Dozen	\$24.00	25.00	26.00	28.00	30.00						

One-half Dozen in a Slide Cover Wooden Box.

BARTON'S SOCKET CORNER



No. 91—Inside Bevel, 8 1/2 inch Blade, Solid Cast Steel, Selected Hickory Handle with Heavy Steel Ring on Tip to Protect Wood.

Width, Inches	3/4	3/8	1	1 1/4	1 1/2						
Weight Per Dozen, Lbs.	15	17	20	25	27						
Per Dozen	\$25.00	26.00	27.00	29.00	31.00						

One-half Dozen in a Box.

CARPENTERS' SLICKS

WITHERBY'S WARRANTED



No. 45—Oval Back, 11 inch Blade, Forged Extra Cast Steel, Polished and Sharpened Ready for Use, Polished Selected Hickory Handle.

Width, Inches	2 1/4	3	3 1/4	4
Weight Per Dozen, Lbs.....	50	55	65	84
Per Dozen	\$31.00	36.00	40.00	48.00

One-sixth Dozen in a Slide Cover Wooden Box.

BARTON'S



No. 95—Oval Back, 10 to 12 inch Blade, Solid Cast Steel, Polished, Selected Hickory Handle.

Width, Inches	2 1/4	3	3 1/4	4
Weight Per Dozen, Lbs.....	50	55	65	84
Per Dozen	\$36.00	38.00	45.00	53.00

One-sixth Dozen in a Box.

ALL-STEEL WOOD CHISELS

VILLAGE BLACKSMITH

These Tools are Most Practicable and cannot be Excelled for the Family Tool Chest or for Mechanics for their Rough Woodwork.



With Plain Edges, Forged High Grade Steel, Highly Polished.

Nos.	208	2081	2082	2088
Length, Inches	9	9 1/2	10	10
Width Cutting Edge, Inches..	1/2	5/8	3/4	1
Weight Per Dozen, Lbs.....	4	6	9	12
Per Dozen	\$3.50	4.50	5.00	8.00

One-half Dozen in a Box.



With Beveled Edges, Forged High Grade Steel, Highly Polished.

Nos.	209	2091	2092	2093
Length, Inches	9	9 1/2	10	10
Width Cutting Edge, Inches..	1/2	5/8	3/4	1
Weight Per Dozen, Lbs.....	4	6	9	12
Per Dozen	\$6.50	7.50	8.00	11.00

One-half Dozen in a Box.

V. & B. ASSORTMENT



Extra Refined Steel, Oil Tempered, Polished Blade and Bevel, Knurled Handle.

Per Assortment

No. 100 Assortment—Consists of 12 Assorted V. & B. All Steel Wood Chisels, 6 3/4-inch, 4 1-inch and 2 1 1/4-inch, Put Up in a Neat Display Box, Weight Per Assortment 10 Lbs. \$14.00

A rough and ready efficiency tool for carpenters, electricians, tin-smiths, plumbers and general use.

Not intended to take the place of the wooden handle chisel.

The blade taper of the V. & B. Chisel is greater, therefore when prying off trim, mouldings, etc., or striking heavy blows for quick cutting, it will not bend or break.



GOUGES

WITHERBY'S WARRANTED SOCKET FIRMER



No. 320—Outside Bevel, 6 1/2 inch Blade, Forged Extra Cast Steel, Sharpened Ready for Use, Polished Hickory Handle.

Width, Inches	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs....	5	5 1/2	6	7 1/2	8 1/2	9	11	12	13 1/2	16	17	19
Per Dozen	\$11.50	11.50	11.50	12.00	12.50	13.50	14.00	15.00	17.00	18.00	21.00	24.00

One-half Dozen in a Slide Cover Wooden Box.

No. 0320—Inside Bevel, 6 1/2 inch Blade, Forged Extra Cast Steel, Sharpened Ready for Use, Polished Hickory Handle.

Width, Inches	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs....	5	5 1/2	6	7 1/2	8 1/2	9	11	12	13 1/2	16	17	19
Per Dozen	\$12.00	12.00	12.00	12.50	13.00	14.00	14.50	15.50	17.50	18.50	22.00	25.00

One-half Dozen in a Slide Cover Wooden Box.

Note—When Ordering, Always State if No. 320 Outside Bevel or No. 0320 Inside Bevel Gouges are Wanted.

GOUGES

BARTON'S SOCKET FIRMER



No. 101—Outside Bevel, 6½ inch Blade, Solid Cast Steel, Polished Applewood Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs...	3½	4	4½	5	6	7	8	9½	10½	12	13½	15
Per Dozen	\$8.50	9.00	9.75	10.50	11.50	13.00	14.00	15.00	16.00	18.00	20.00	22.00

One-half Dozen in a Box.

No. 101S Set—Consists of 12 Assorted No. 101 Gouges, 1 Each ¾, ¾, ¾, ½, ½, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 8 Lbs. \$14.00
One Set in a Box.



No. 0101—Inside Bevel, 6½ inch Blade, Solid Cast Steel, Polished Applewood Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs...	3½	4	4½	5	6	7	8	9½	10½	12	13½	15
Per Dozen	\$8.50	9.00	9.75	10.50	11.50	13.00	14.00	15.00	16.00	18.00	20.00	22.00

One-half Dozen in a Box.

No. 0101S Set—Consists of 12 Assorted No. 0101 Gouges, 1 Each ¾, ¾, ¾, ½, ½, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 8 Lbs. \$14.00
One Set in a Box.

BARTON'S MILLWRIGHT'S SOCKET FIRMER



No. 103—Inside Bevel, 8 inch Heavy Blade, Solid Cast Steel, Polished Hickory Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs...	4½	5½	7	8½	9½	11	12	13½	16	19	21	24
Per Dozen	\$15.00	15.00	16.50	17.50	18.50	20.00	22.00	24.00	25.00	25.50	26.50	35.00

One-half Dozen in a Box.

No. 103S Set—Consists of 12 Assorted No. 103 Gouges, 1 Each ¾, ¾, ¾, ½, ½, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 12 Lbs. \$22.00
One Set in a Box.

No. 0103—Inside Bevel, 12 inch Heavy Blade, Solid Cast Steel, Polished Hickory Handle.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs...	6	7	8½	10	11½	13	14½	16	17½	21	23	26
Per Dozen	\$23.00	23.00	23.50	24.00	26.00	28.00	31.00	32.00	33.00	38.00	42.00	50.00

One-half Dozen in a Box.

No. 0103S Set—Consists of 12 Assorted No. 0103 Gouges, 1 Each ¾, ¾, ¾, ½, ½, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 16 Lbs. \$32.00
One Set in a Box.

BUCK BROS. TANGED FIRMER



No. 8—Outside Bevel, 5½ inch Blade, Regular Sweep, High Grade English Cast Steel, Polished, Ground Sharp, Extra Quality Applewood Handle, Cast Brass Ferrule.

Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs...	1¾	2	3	3¾	4¼	5	5¼	6	8	9	10	11
Per Dozen	\$5.00	5.50	6.00	6.25	6.50	7.00	7.50	8.00	11.00	13.00	15.00	18.00

One-half Dozen in a Box.

TANGED FIRMER CHISELS

WITHERBY'S WARRANTED



No. 200—Plain Edge, 3½ to 5 inch Blades, Forged Extra Cast Steel, Sharpened Ready for Use, without Handle.

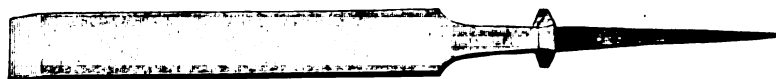
Width, Inches	¾	¾	¾	¾	¾	¾	¾	1	1¼	1½	1¾	2
Weight Per Dozen, Lbs...	1	1	1½	2	2½	3	3½	4	5	6	8	9½
Per Dozen	\$3.25	3.25	3.25	3.75	4.00	4.50	5.00	5.50	6.50	8.50	11.00	12.50

One-half Dozen in a Box.

No. 201 Set—Consists of 12 Assorted No. 200 Gouges, 1 Each ¾, ¾, ¾, ½, ½, ¾, ¾, 1, 1¼, 1½, 1¾ and 2 inches, Weight Per Set 4 Lbs. \$6.00
One Set in a Box.

LONG TANGED PARING CHISELS

WITHERBY'S WARRANTED



No. 220—Plain Edge, 5 1/2 to 8 inch Blades, Forged Extra Cast Steel, Sharpened Ready for Use, without Handles.

Width, Inches	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	1 1/4	2 1/2	3 1/2	4 1/2	5	5 1/2	6	7	11	18
Per Dozen	\$3.50	5.50	5.50	6.25	7.00	8.00	8.50	10.00	14.00	24.00

One-half Dozen in a Box.

Per Set

No. 0220 Set—Consists of 12 Assorted No. 220 Long Tanged Paring Chisels, 1 Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches, Weight Per Set 4 Lbs. \$12.00

One Set in a Box.

TANGED TURNING CHISELS

WITHERBY'S WARRANTED



No. 250—6 1/2 inch Blade, Forged Extra Cast Steel, Sharpened Ready for Use, without Handle.

Width, Inches	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	1	1 1/2	2	3	4	5	6	7	8 1/2	12
Per Dozen	\$4.50	4.50	4.50	5.00	5.50	6.00	6.50	7.50	10.00	18.50

One-half Dozen in a Box.

Per Set

No. 0250 Set—Consists of 12 Assorted No. 250 Tanged Turning Chisels, 1 Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches, Weight Per Set 6 Lbs. \$8.50

One Set in a Box.

TANGED FIRMER GOUGES

WITHERBY'S WARRANTED



No. 300—Outside Bevel, 3 1/2 to 5 inch Blades, Forged Extra Cast Steel, Sharpened Ready for Use, without Handle.

Width, Inches	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	1	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	5	6 1/2
Per Dozen	\$3.50	3.50	3.50	4.00	4.25	4.75	5.50	6.00	8.00	14.00

One-half Dozen in a Box.

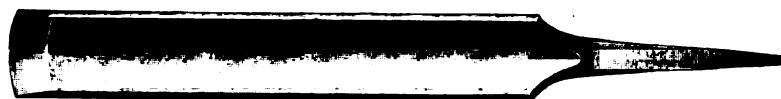
No. 0300—Inside Bevel, 5 1/4 inch Blade, Forged Extra Cast Steel, Sharpened Ready for Use, without Handle.

Width, Inches	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	1	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	5	6 1/2
Per Dozen	\$3.50	3.50	3.50	4.00	4.25	4.75	5.50	6.00	8.00	14.00

One-half Dozen in a Box.

LONG TANGED PARING GOUGES

WITHERBY'S WARRANTED



No. 40—Inside Bevel, 6 inch Blade, Forged Extra Cast Steel, Sharpened Ready for Use, without Handle.

Width, Inches	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	1 3/4	2 1/2	3 1/2	4 1/2	5	5 1/2	6	7	11	18
Per Dozen	\$10.00	10.00	10.00	11.00	11.50	12.00	12.50	15.00	18.00	30.00

One-half Dozen in a Box.

TANGED TURNING GOUGES

WITHERBY'S WARRANTED



No. 340—Outside Bevel, 6 1/2 inch Blade, Forged Extra Cast Steel, Sharpened Ready for Use, without Handle.

Width, Inches	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	1 3/4	2 1/2	3 1/2	4 1/2	5	5 1/2	6	7	11	18
Per Dozen	\$6.00	6.00	6.00	6.75	7.25	8.50	10.00	12.00	14.00	27.00

One-half Dozen in a Box.

BARK SPUDS



No. 2—Polished Forged Steel Blade, Length of Blade and Socket 15 1/4 inches, Maple Handle, Length Over All 28 inches. \$18.00

Weight Per Dozen 36 Pounds.

Open Stock.

CARVING TOOLS

ADDIS STYLE

FIRMERS



No. 1—Cast Steel.

Size, Inches..	1/8	1/4	3/8	1/2	5/8	3/4	1
Per Dozen...	\$3.60	3.60	3.60	3.60	3.60	4.20	5.10

CORNER FIRMERS

CORNER FIRMER



No. 2—Cast Steel.

Size, Inches..	1/8	1/4	3/8	1/2	5/8	3/4	1
Per Dozen...	\$3.60	3.60	3.60	3.60	3.60	4.20	5.10

STRAIGHT GOUGES

STRAIGHT GOUGES



No. 3—Cast Steel.

Size, Inches..	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4
Per Dozen...	\$4.20	4.20	4.20	4.20	4.20	4.95	5.85	8.10



No. 4—Cast Steel.

Size, Inches..	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4
Per Dozen...	\$4.20	4.20	4.20	4.20	4.20	4.95	5.85	8.10



No. 5—Cast Steel.

Size, Inches..	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4
Per Dozen...	\$4.20	4.20	4.20	4.20	4.20	4.95	5.85	8.10



No. 6—Cast Steel.

Size, Inches..	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4
Per Dozen...	\$4.20	4.20	4.20	4.20	4.20	4.95	5.85	8.10



No. 7—Cast Steel.

Size, Inches..	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4
Per Dozen...	\$4.20	4.20	4.20	4.20	4.20	4.95	5.85	8.10



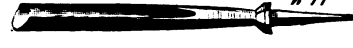
No. 8—Cast Steel.

Size, Inches..	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4
Per Dozen...	\$4.20	4.20	4.20	4.20	4.20	4.95	5.85	8.10



No. 10—Cast Steel.

Size, Inches.....	1/8	1/4	3/8	1/2	5/8	3/4
Per Dozen	\$4.20	4.20	4.20	4.20	4.20	4.95



No. 11—Cast Steel.

Size, Inches.....	1/8	1/4	3/8	1/2	5/8	3/4	1
Per Dozen...	\$4.80	4.80	4.80	4.80	4.80	4.80	4.80

LONG BENT GOUGES



No. 17—Cast Steel.

Size, Inches.....	1/8	1/4	3/8	1/2	5/8	3/4
Per Dozen	\$5.10	5.10	5.10	5.10	5.10	5.10

SHORT BENT CHISELS

BENT CHISELS



No. 21—Cast Steel.

Size, Inches	1/8	1/4	3/8	1/2
Per Dozen	\$4.50	4.50	4.50	4.50

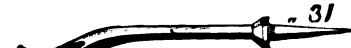
SHORT BENT GOUGES



No. 25—Cast Steel.

Size, Inches	1/8	1/4	3/8	1/2
Per Dozen	\$5.10	5.10	5.10	5.10

SHORT BENT GOUGES



No. 31—Cast Steel.

Size, Inches	1/8	1/4	3/8	1/2
Per Dozen	\$5.10	5.10	5.10	5.10

STRAIGHT PARTING TOOLS



No. 41—Cast Steel.

Size, Inches....	1/8	1/4
Per Dozen....	\$6.30	6.30
Size, Inches....	3/8	1/2
Per Dozen....	\$6.30	6.30



No. 42—Cast Steel.

Size, Inches....	1/8	1/4
Per Dozen....	\$6.90	6.90
Size, Inches....	3/8	1/2
Per Dozen....	\$6.90	6.90

All Above, One Dozen in a Package.

PARTING TOOLS



No. 39—Cast Steel.

Size, Inches	1/8	1/4	3/8	1/2
Per Dozen.....	\$6.30	6.30	6.30	6.30

SHORT BENT PARTING TOOLS



No. 44—Cast Steel.

Size, Inches....	1/8	1/4
Per Dozen....	\$6.90	6.90
Size, Inches....	3/8	1/2
Per Dozen....	\$6.90	6.90

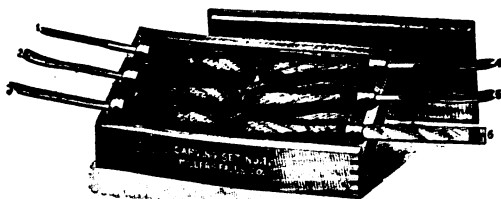
CARVING TOOL SETS

AMERICAN

Best Quality Forged Steel Blades, Cocobolo Handles, Nickel Plated Ferrules.

Per Set

No. 1 Set—Consists of 6 Tools: 1 U Tool, 1 Scraper, 1 Beveled Chisel, 1 V Tool, 1 Curved Gouge and 1 Straight Chisel, Length of Tools 5 1/2 inches, Put Up in a Wooden Box. \$1.50



WOOD BENCH PLANES

GERMAN PATTERN SMOOTH



- Each
- No. 10—9 inches Long, Beechwood, 1½ inch Double Cast Steel Iron with Square End, with Horn, Average Weight Each 2 Lbs. \$1.25
- No. 11—Same as No. 10, but with 2 inch Double Iron. 2.00
- Extra 1½ inch Iron. 1.00
- Extra 2 inch Iron. 1.00

SMOOTH



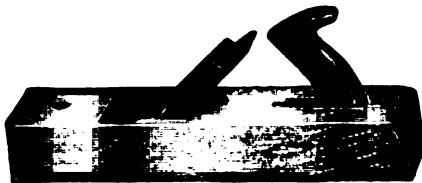
- Each
- No. 3—Ohio, First Grade, 8 inches Long, Beechwood, Polished Start, 2 to 2¼ inch Double Iron, Average Weight Each 2¼ Lbs. \$1.55
- No. 3S—Scioto, Second Grade, Otherwise Same as No. 3. 1.20

HANDLED SMOOTH



- Each
- No. 5—Ohio, First Grade, 8 inches Long, Beechwood, with Special Solid Handle for Right Hand, 2 to 2¼ inch Double Iron, Average Weight Each 2½ Lbs. \$2.60
- No. 5S—Scioto, Second Grade, Otherwise Same as No. 5. 2.35

JACK



- Each
- No. 15—Ohio, First Grade, 16 inches Long, Beechwood, Polished Start, 2 to 2¼ inch Double Iron, Average Weight Each 4½ Lbs. \$1.50
- No. 15S—Scioto, Second Grade, Otherwise Same as No. 15. 1.35
- No. 16—Ohio, First Grade, Same as No. 15, but with Iron Start and Bolted Handle. 1.90

RAZEE JACK



- Each
- No. 17—Ohio, First Grade, 16 inches Long, Beechwood, Polished Start, 2 to 2¼ inch Double Iron, Average Weight Each 4 Lbs. \$1.80
- NOTE—When Ordering Wood Bench Planes, Always State Size of Iron Wanted.

FORE AND JOINTER



Fore.



Jointer.

- No. 21 —Ohio, First Grade, 22 inches Long, 2½ to 2¾ inch Double Iron, Beechwood, Polished Ebony Start. \$2.60
- No. 21S—Scioto, Second Grade, 22 inches Long, 2½ to 2¾ inch Double Iron, Beechwood, Polished Ebony Start. 2.25
- No. 22 —Ohio, First Grade, 22 inches Long, 2½ to 2¾ inch Double Iron, Beechwood, Iron Start and Bolted Handle. 3.45
- Average Weight Each 7 Pounds.

JOINTER

- | Length, Inches | 26 | 28 | 30 |
|---|------|------|----|
| No. 27 —Ohio, First Grade, 2½ to 2¾ inch Double Iron, Beechwood, Polished Ebony Start. Each, \$2.70 | 2.85 | 3.25 | |
| No. 27S—Scioto, Second Grade, 2½ to 2¾ inch Double Iron, Beechwood, Polished Ebony Start. Each, 2.40 | 2.55 | 2.85 | |
| No. 28 —Ohio, First Grade, 2½ to 2¾ inch Double Iron, Beechwood, Iron Start. Each, 3.70 | 4.15 | 4.45 | |
- Average Weight Each 8 Pounds.

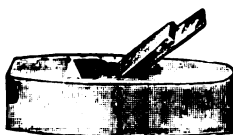
FANCY WOOD PLANES

TOOTH



- Each
- No. 30—Beechwood, Single Cast Steel Iron. \$1.75
- Average Weight Each 1½ Pounds.

MITRE



- Each
- No. 31—Beechwood, Smooth Shape, 1½ inch Single Cast Steel Iron. \$1.75
- Average Weight Each 1½ Pounds.

SIDE BEAD



Bead Made by No. 37.

Single Boxed, Beechwood, Forged Tool Steel Cutter.

- Each
- No. 37— $\frac{3}{8}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ inch. \$0.80
- No. 37— $\frac{5}{8}$, $\frac{3}{4}$ inch.90
- No. 37— $\frac{7}{8}$, 1 inch. 1.15
- No. 37—1¼ inch. 1.45
- No. 37—1½ inch. 1.60

NOTE—When Ordering Any of the Above Planes, Always State Size of Iron Wanted.

FANCY WOOD PLANES

NOTE—Each Plane Cuts Only One Size. When Ordering, Always Specify Both Number and Size.

CENTER BEAD

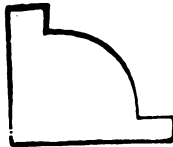
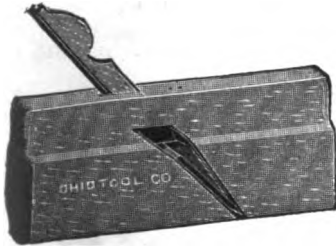


Bead Made by No. 41.

Double Boxed, Beechwood, Forged Tool Steel Cutter.

No. 41— $\frac{1}{2}$ inch	Each
No. 41— $\frac{3}{8}$, $\frac{1}{2}$ inch	\$1.00
No. 41— $\frac{3}{8}$, $\frac{1}{2}$ inch	1.10
No. 41— $\frac{3}{8}$, 1 inch	1.30

QUARTER ROUND OR SCOTIA

Moulding Made by No. 43 $\frac{1}{2}$.

Beechwood, Forged Tool Steel Cutter.

No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ inch	Each
No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ inch	\$0.80
No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ inch	1.05

COMMON OGEE



Moulding Made by No. 59.

Beechwood, Forged Tool Steel Cutter.

No. 59— $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, 1 in.	Each
No. 59— $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, 1 in.	\$1.05
No. 59— $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, 1 in.	1.40

REVERSE OGEE

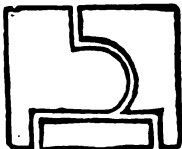


Moulding Made by No. 62, Reverse Ogee.

Beechwood, Forged Tool Steel Cutter.

No. 62— $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 inch	Each
No. 62— $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 inch	\$1.20

TABLE

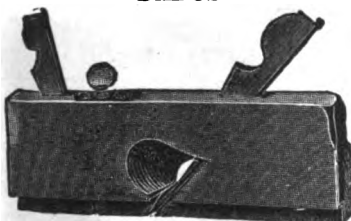


Work Done by No. 136.

Beechwood, Forged Tool Steel Cutters.

No. 136—With Gauge, $\frac{1}{2}$ and $\frac{3}{4}$ inch	Per Pair
No. 136—With Gauge, $\frac{1}{2}$ and $\frac{3}{4}$ inch	\$2.15
No. 137—With Gauge, Dovetailed and Boxed, $\frac{1}{2}$ and $\frac{3}{4}$ inch	2.80
No. 138—With Fence, $\frac{1}{2}$ and $\frac{3}{4}$ inch	2.65

DADOS

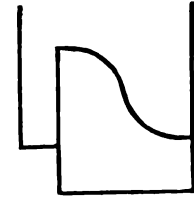


With Screw Stop, Beechwood, Forged Tool Steel Cutter.

No. 48— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch	Each
No. 48— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ and 1 inch	\$2.40

Average Weight Each 1 Pound.

CASING MOULDING

Moulding Made by No. 43 $\frac{1}{2}$.

With Fence, Beechwood, Forged Tool Steel Cutter.

No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ inch	Each
No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ inch	\$1.80
No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$ inch	1.45

A new style plane. Works more easily than the old style.

CASING MOULDING

Beechwood, Forged Tool Steel Cutter.

No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ inch	Each
No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ inch	\$1.80
No. 43 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ inch	1.45

No. 43 $\frac{1}{2}$ is a new Moulding, much used for Door and Window Casing.

GRECIAN OGEE



Moulding Made by No. 60.

Beechwood, Forged Tool Steel Cutter.

No. 60— $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 inch	Each
No. 60— $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 inch	\$1.20

ROMAN REVERSE OGEE

Moulding Made by No. 62 $\frac{1}{2}$.

Beechwood, Forged Tool Steel Cutter.

No. 62 $\frac{1}{2}$ — $\frac{1}{2}$, $\frac{3}{8}$ inch	Each
No. 62 $\frac{1}{2}$ — $\frac{1}{2}$, $\frac{3}{8}$ inch	\$1.20
No. 62 $\frac{1}{2}$ — $\frac{1}{2}$, $\frac{3}{8}$ inch	1.40

REEDING



Bead Made by No. 122.

Beechwood, Forged Tool Steel Cutter.

No. 122— $\frac{1}{4}$, $\frac{1}{2}$ inch, to Make One Bead	Each
No. 122— $\frac{1}{4}$, $\frac{1}{2}$ inch, to Make One Bead	\$1.60
No. 122— $\frac{1}{4}$, $\frac{1}{2}$ inch, to Make Two Beads	2.25

NOSING STEP

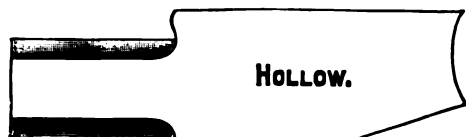


Beechwood, with Two Forged Tool Steel Cutters.

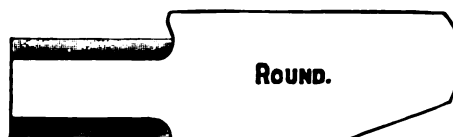
No. 91— $\frac{1}{4}$, $\frac{3}{8}$, 1, 1 $\frac{1}{2}$ and 1 $\frac{1}{2}$ inch	Each
No. 91— $\frac{1}{4}$, $\frac{3}{8}$, 1, 1 $\frac{1}{2}$ and 1 $\frac{1}{2}$ inch	\$1.75
No. 91— $\frac{1}{4}$, $\frac{3}{8}$, 1, 1 $\frac{1}{2}$ and 1 $\frac{1}{2}$ inch	1.95
No. 91— $\frac{1}{4}$, $\frac{3}{8}$, 1, 1 $\frac{1}{2}$ and 1 $\frac{1}{2}$ inch	2.40

FANCY WOOD PLANES

HOLLOWS AND ROUNDS



HOLLOW.



ROUND.

Beechwood, Forged Tool Steel Cutters, Average Length 9 1/4 inches.

Note—When ordering Half Pairs of Hollows and Rounds, be careful to give Number of Plane, and whether Hollow or Round. For instance, if a Plane as per cuts is wanted, say One No. 72, No. 3 Hollow, or One No. 72, No. 3 Round, and thus avoid confusion.

The Hollow Plane cuts the Round and the Round Plane Cuts the Hollow. Each Plane Cuts only one size.

No. 72—HOLLOWS AND ROUNDS

Size, Nos.	1	2	3	4	5	6	7	8	9
Inches	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4
Size Circle Worked, In.	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Per Pair	\$1.60	1.60	1.60	1.60	1.60	1.60	1.85	1.85	1.85

Per Set

No. 72S—Set of Nine Pairs, Assorted 1 to 9, Average Weight Per Set 16 Lbs. \$15.10

No. 73—HOLLOWS AND ROUNDS

Size, Nos.	10	11	12	13	14	15
Inches	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2
Size Circle Worked, Inches	2 1/4	3	3 1/4	3 1/2	3 3/4	4
Per Pair	\$2.15	2.15	2.15	2.80	2.80	2.80

Average Weight Per Pair 1 1/4 to 2 1/2 Pounds.

BOARD MATCH

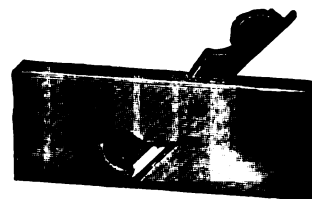


One Pair No. 75.

Beechwood, Forged Tool Steel Cutter.		Per Pair
No. 75—Twin or Separate, 3/8, 1/2, 5/8, 3/4, 7/8 and 1 inch.		\$2.40
No. 76—Twin or Separate, Plated, 3/8, 1/2, 5/8, 3/4, 7/8 and 1 inch.		2.80
No. 78—With Solid Handles, Plated, 1/2, 3/4, 7/8 and 1 inch.		4.00

Average Weight Per Pair 2 1/2 Pounds.

SKEW RABBIT

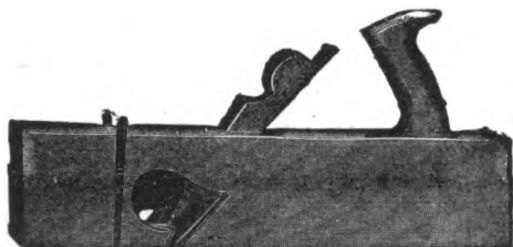


Beechwood, Forged Tool Steel Cutter.

No.	Size	Each
No. 116—3/8 inch		\$1.60
No. 116—1/2, 3/4, 5/8, 3/4 and 1 inch		1.00
No. 116—1 1/8 and 1 1/4 inch		1.05
No. 116—1 1/2 inch		1.15
No. 116—1 3/4 inch		1.30
No. 116—2 inch		1.55

Average Weight Each 1 1/4 Pounds.

SKEW RABBIT



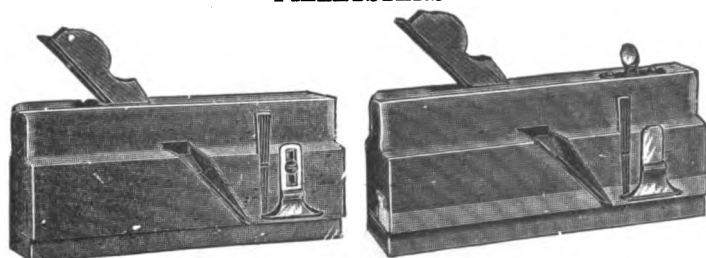
Beechwood, Forged Tool Steel Cutters.

No.	Size	Each
No. 119—With Top Handle and Two Cutters, 1 1/2, 1 3/4 and 2 inch.		\$2.75

Average Weight Each 3 1/2 Pounds.

Note—Each Plane Cuts only One Size. When ordering, always specify both Number and Size.

FILLETSTERS



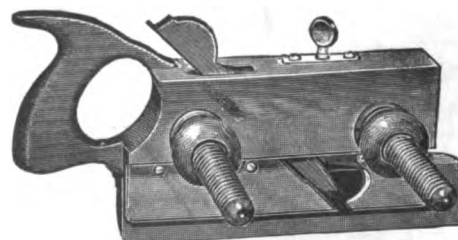
No. 53.

No. 55.

No.	Description	Each
No. 53—With Cutter, Brass Side Stop		\$2.25
No. 54—With Cutter, Brass Side Stop, Solid Boxed		3.00
No. 55—With Cutter, Brass Screw Stop, Boxed		4.00

Average Weight Each 3 Pounds.

PANEL PLOW



No.	Description	Each
No. 97—Beechwood, Forged Tool Steel Cutter, Screw Stop, Boxed Fence, with Handle		\$11.00

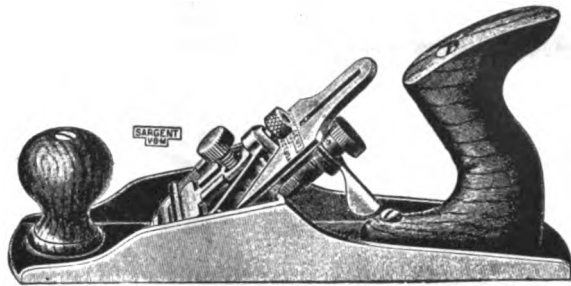
Average Weight Each 4 Pounds.

ADJUSTABLE IRON PLANES

SARGENT V. B. M.



Adjustable Knob for Nos. 718, 718C, 722 and 722C.



No. 707, Etc.

These Planes have the Superior Features Described Below:

THIN CUTTER

These Planes have a thin Cutter (No. 14 gauge), but the support for the Cutter is so solid below and the clamp so firm above, that there is no tendency to chatter, hence it is possible to use the thin Cutter and so get the slight advantage of the quicker grinding.

The Cutter requires no cap as the clamp acts as a breaker for the chip.

RIGIDITY

The Frog is very rigid and the Frog and Bed at the mouth are in alignment so that the Cutter has an even bearing down to the bevel of the Cutter. The Plane combines solidity, compactness and simplicity. The meeting surfaces of the Frog and Bed are all machined so that the fit is absolute.

EASE OF ADJUSTMENT

The lateral adjustment may be secured without removing the hand from the handle and the vertical adjustment, obtained through a direct acting thumb screw at the back of Cutter, is positive and rapid.

AUTOMATIC SET

When once set the clamp, when replaced after removal, will always return to its original position until reset. The clamp may be easily adjusted by means of a regulating screw, close to the cutting edge when a fine cut is required, away from the cutting edge when a coarse cut is desired and may be set in as many intermediate positions as may be needed.

ADJUSTABLE KNOB

The Fore and Jointer Planes, Nos. 718, 718C, 722 and 722C, are equipped with an Adjustable Knob. This Knob is high to give a full grip for the hand and is adjustable so that the user may regulate the position of the Knob, bringing it closer to the handle or further away, as he may prefer. This feature makes it convenient for use by carpenters with long or short arms and allows the forward hand plenty of clearance when the Plane is used close up to a projecting surface.

PURPOSE

These Planes are intended for both heavy and very fine cuts. They are especially adapted for working against the grain on cross-grained hard wood where the absolute rigidity of the Cutter avoids any tendency to chatter.

Automatic Set, Polished Trimmings, East India Mahogany Handle and Knob, with Patented Side Adjustment for Exact Adjusting of the Cutter with the Face of the Plane.

SMOOTH, JACK, FORE AND JOINTER

With Smooth Bottom.

	Each
No. 707—Smooth, 7 inches Long, 1½ inch Cutter, Weight Each 2½ Lbs.....	\$3.00
No. 708—Smooth, 8 inches Long, 1¾ inch Cutter, Weight Each 3 Lbs.....	3.30
No. 710—Smooth, 10 inches Long, 2 inch Cutter, Weight Each 3½ Lbs.....	3.60
No. 714—Jack, 14 inches Long, 2 inch Cutter, Weight Each 4½ Lbs.....	4.50

With Adjustable Knob and Smooth Bottom.

	Each
No. 718—Fore, 18 inches Long, 2¾ inch Cutter, Weight Each 6 Lbs.....	\$5.50
No. 722—Jointer, 22 inches Long, 2¾ inch Cutter, Weight Each 7 Lbs.....	6.25

One in a Box.

With Corrugated Bottom.

	Each
No. 707C—Smooth, 7 inches Long, 1½ inch Cutter, Weight Each 2½ Lbs.....	\$3.00
No. 708C—Smooth, 8 inches Long, 1¾ inch Cutter, Weight Each 3 Lbs.....	3.30
No. 710C—Smooth, 10 inches Long, 2 inch Cutter, Weight Each 3½ Lbs.....	3.60
No. 714C—Jack, 14 inches Long, 2 inch Cutter, Weight Each 4½ Lbs.....	4.50

With Adjustable Knob and Corrugated Bottom.

	Each
No. 718C—Fore, 18 inches Long, 2¾ inch Cutter, Weight Each 6 Lbs.....	\$5.50
No. 722C—Jointer, 22 inches Long, 2¾ inch Cutter, Weight Each 7 Lbs.....	6.25

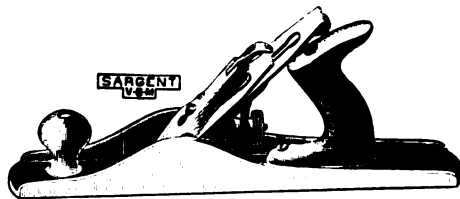
One in a Box.

ADJUSTABLE IRON PLANES

SARGENT V. B. M.

These Planes have a heavy cutter (No. 12 gauge) which offsets the tendency found in a Spring Cap Plane to vibrate when being used on cross-grained wood. The additional weight prevents chattering. The large opening in the cutter slot, being away from the cutting edge, lessens the liability of the cap being drawn over the edge in adjusting. Polished Trimmings, East India Mahogany Handle and Knob, with Patent Side Adjustment for Exact Adjusting of Cutter with the Face of the Plane.

SMOOTH, JACK, FORE AND JOINTER



With Smooth Bottom.

- | | |
|---|--------|
| No. 408—(Stanley No. 3), Smooth, 8 inches Long, 1 1/4 inch Cutter, Weight Each 3 Lbs..... | \$3.00 |
| No. 409—(Stanley No. 4), Smooth, 9 inches Long, 2 inch Cutter, Weight Each 3 1/4 Lbs..... | 3.25 |
| No. 414—(Stanley No. 5), Jack, 14 inches Long, 2 inch Cutter, Weight Each 4 1/4 Lbs..... | 3.75 |
| No. 418—(Stanley No. 6), Fore, 18 inches Long, 2 1/2 inch Cutter, Weight Each 7 1/4 Lbs..... | 4.75 |
| No. 422—(Stanley No. 7), Jointer, 22 inches Long, 2 3/4 inch Cutter, Weight Each 8 Lbs..... | 5.50 |
| No. 424—(Stanley No. 8), Jointer, 24 inches Long, 2 3/4 inch Cutter, Weight Each 9 1/4 Lbs..... | 6.50 |

One in a Box.



With Corrugated Bottom.

- | | |
|---|-------------|
| No. 408C—(Stanley No. 3C), Smooth, 8 inches Long, 1 1/4 inch Cutter, Weight Each 3 Lbs..... | Each \$3.00 |
| No. 409C—(Stanley No. 4C), Smooth, 9 inches Long, 2 inch Cutter, Weight Each 3 1/4 Lbs..... | 3.25 |
| No. 414C—(Stanley No. 5C), Jack, 14 inches Long, 2 inch Cutter, Weight Each 4 1/4 Lbs..... | 3.75 |
| No. 418C—(Stanley No. 6C), Fore, 18 inches Long, 2 1/2 inch Cutter, Weight Each 7 1/4 Lbs..... | 4.75 |
| No. 422C—(Stanley No. 7C), Jointer, 22 inches Long, 2 3/4 inch Cutter, Weight Each 8 Lbs..... | 5.50 |
| No. 424C—(Stanley No. 8C), Jointer, 24 inches Long, 2 3/4 inch Cutter, Weight Each 9 1/4 Lbs..... | 6.50 |

One in a Box.

ADJUSTABLE WOOD BOTTOM PLANES

SARGENT V. B. M.

With Screw Adjustment and Patent Side Adjustment for Exact Adjusting of the Cutter with the Face of the Plane.

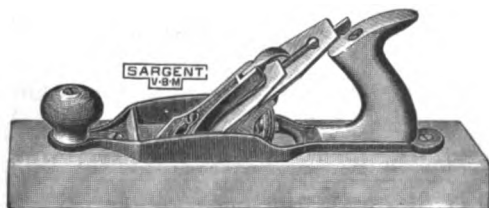
SMOOTH

HANDLED SMOOTH



- | | |
|---|-------------|
| No. 3407—(Stanley No. 21), 7 inches Long, 1 1/4 inch Cutter, Weight Each 2 1/2 Lbs..... | Each \$2.00 |
| No. 3408—(Stanley No. 22), 8 inches Long, 1 1/4 inch Cutter, Weight Each 2 1/4 Lbs..... | 2.00 |
| No. 3409—(Stanley No. 23), 9 inches Long, 1 1/4 inch Cutter, Weight Each 2 1/2 Lbs..... | 2.00 |
| No. 3410—(Stanley No. 24), 8 inches Long, 2 inch Cutter, Weight Each 2 1/4 Lbs..... | 2.00 |

JACK AND FORE



- | | |
|--|-------------|
| No. 3415—(Stanley No. 26), Jack, 15 inches Long, 2 inch Cutter, Weight Each 3 1/4 Lbs..... | Each \$2.25 |
| No. 3416—(Stanley No. 27), Jack, 15 inches Long, 2 1/2 inch Cutter, Weight Each 4 Lbs..... | 2.50 |
| No. 3418—(Stanley No. 28), Fore, 18 inches Long, 2 1/2 inch Cutter, Weight Each 5 1/2 Lbs..... | 2.75 |
| No. 3420—(Stanley No. 29), Fore, 20 inches Long, 2 3/4 inch Cutter, Weight Each 6 Lbs..... | 2.75 |

One in a Box.



- | | |
|--|-------------|
| No. 3411—(Stanley No. 35), 9 inches Long, 2 inch Cutter, Weight Each 3 Lbs..... | Each \$2.50 |
| No. 3412—(Stanley No. 36), 10 inches Long, 2 1/2 inch Cutter, Weight Each 4 Lbs..... | 2.75 |

One in a Box.

JOINTER



- | | |
|--|-------------|
| No. 3422—(Stanley No. 30), 22 inches Long, 2 3/4 inch Cutter, Weight Each 6 Lbs..... | Each \$3.00 |
| No. 3424—(Stanley No. 31), 24 inches Long, 2 3/4 inch Cutter, Weight Each 6 1/2 Lbs..... | 3.00 |
| No. 3426—(Stanley No. 32), 26 inches Long, 2 3/4 inch Cutter, Weight Each 7 1/2 Lbs..... | 3.25 |
| No. 3428—(Stanley No. 33), 28 inches Long, 2 3/4 inch Cutter, Weight Each 8 1/4 Lbs..... | 3.25 |
| No. 3430—(Stanley No. 34), 30 inches Long, 2 3/4 inch Cutter, Weight Each 8 1/2 Lbs..... | 3.50 |

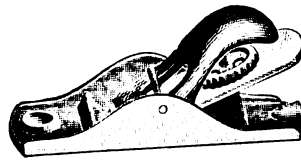
One in a Box. Digitized by Google

IRON BLOCK PLANES

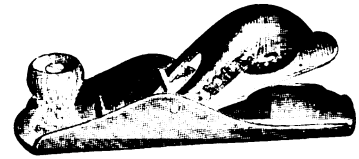
SARGENT



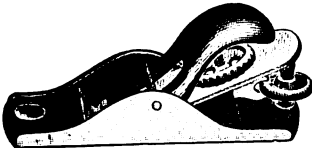
- No. 104—(Stanley No. 101), 3½ inches Long, 1 inch Cutter, Japanned, Weight Each ¼ Lb.\$0.25
Six in a Box.



- No. 106—(Stanley No. 102), 5½ inches Long, 1½ inch Cutter, Japanned, Weight Each ¾ Lb.\$0.55
One in a Box.

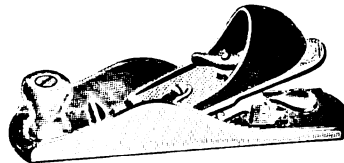


- No. 107—(Stanley No. 110), 7½ inches Long, 1½ inch Cutter, Japanned, Weight Each 1½ Lbs.\$0.75
One in a Box.



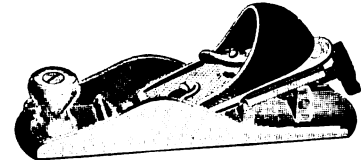
With Screw Adjustment.

- No. 206—(Stanley No. 103), 5½ inches Long, 1½ inch Cutter, Japanned, Weight Each 1½ Lbs.\$0.75
One in a Box.



With Lever Adjustment.

- No. 207—(Stanley No. 120), 7½ inches Long, 1½ inch Cutter, Japanned, Weight Each 1½ Lbs.\$1.00
One in a Box.

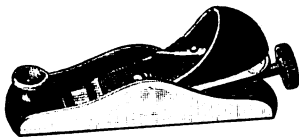


With Screw Adjustment.

- No. 217—7½ inches Long, 1½ inch Cutter, Japanned, Wt. Each 1½ Lbs.\$1.05
One in a Box.

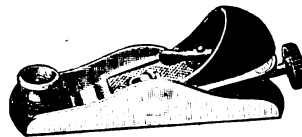
SARGENT V. B. M.

Screw Adjustment and Adjustable Mouth, Patent Side Adjustment for Exact Adjusting of the Cutter with the Face of the Plane.



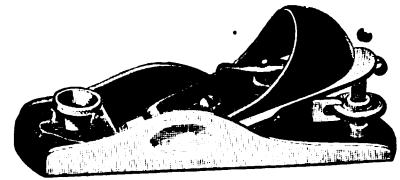
Low Angle.

- No. 606—6 inches Long, 1½ inch Cutter, Highly Polished Trimmings, Weight Each 1¼ Lbs.\$1.70
One in a Box.

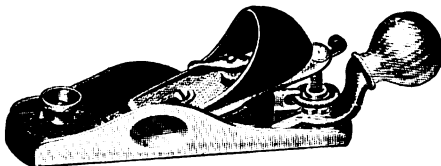


Low Angle.

- No. 1606—6 inches Long, 1½ inch Cutter, Nickel Plated Trimmings, Weight Each 1¼ Lbs.\$1.90
One in a Box.



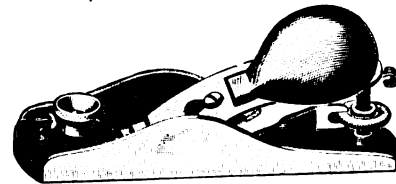
- No. 306—(Stanley No. 9½), 6 inches Long, 1½ inch Cutter, Highly Polished Trimmings, Weight Each 1¼ Lbs.\$1.60
No. 307—(Stanley No. 15), 7 inches Long, Otherwise Same as No. 306. 1.70
One in a Box.



Highly Polished Trimmings, East India Mahogany Handle.

- No. 316—(Stanley No. 9½), 6 inches Long, 1½ inch Cutter, Weight Each 1½ Lbs.\$1.85
No. 317—(Stanley No. 15½), 7 inches Long, 1½ inch Cutter, Weight Each 1½ Lbs. 1.95

One in a Box.



Knuckle Joint, Highly Polished Trimmings.

- No. 4306—6 inches Long, 1½ inch Cutter, Weight Each 1½ Lbs.\$1.60
No. 4307—7 inches Long, 1½ inch Cutter, Weight Each 1½ Lbs. 1.70
No. 5306—Same as No. 430, but with Nickel Plated Trimmings 1.85

One in a Box.

ROUTER PLANES

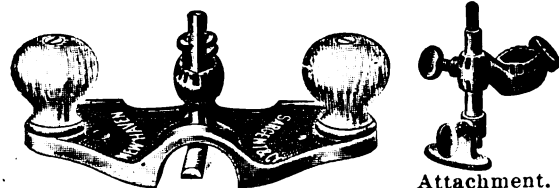
SARGENT



Each

- No. 61—(Stanley No. 71½), Closed Throat, Nickel Plated, Wood Handles, Screw Adjustment, with Two Cutters, ¼ and ½ inch.\$2.25
Weight Each 2 Pounds.

One in a Box.



Attachment.

Each

- No. 62—(Stanley No. 71), Open Throat, Nickel Plated, Wood Handles, Screw Adjustment, with Two Cutters, ¼ and ½ inch, Also Attachment for Closing Throat\$2.75
Weight Each 2½ Pounds.

One in a Box.

ADJUSTABLE IRON PLANES

SARGENT V. B. M. SCRAPER

These Planes are especially suitable for scraping veneers and finishing cabinet and other fine work. They may also be used for removing old paint and glue.

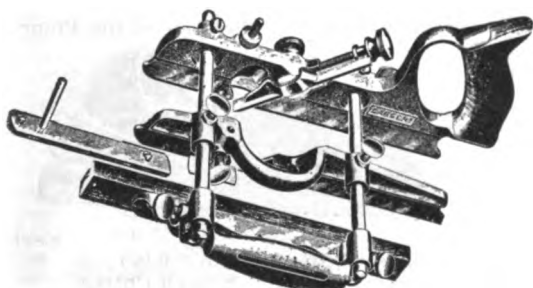
Particularly adapted for Stair Makers' and Floor Finishers' use.



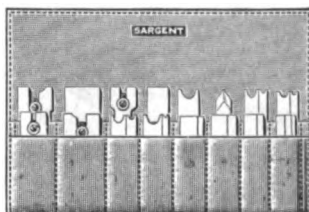
The Sargent Cutter Binding Screw is made from a steel stud headed over in a brass nut. The steel screw prevents the stripping of threads as on brass screws. The Frog, held by a machine screw, may be easily replaced in case of breakage.

No. 53—Japanned, Raised Handles, 3 1/2 inch Beechwood Face, 2 1/2 inch Cutter, Weight Each 4 Lbs.....	Each	\$2.75
Extra Cutters, 2 1/2 inch.....	Each	\$0.35
One in a Box.	Extra Wood Bottoms.....	Each
		\$0.75

SARGENT COMBINATION



No. 1080 Plane.



Cutters for No. 1080 Plane in Canvas Case.



No. 1080 Plane Complete in Box.

With Screw Adjustment, East India Mahogany Handle and Fence Plate.

No. 1080—(Stanley No. 45), 10 3/4 inches Long, Nickel Plated, Complete with 25 Cutters in Canvas Case, Plane and Canvas Case Put up in a Handled Stained Hardwood Box.....**\$18.25**
Designed for use in the following types of work: Dadoing, Rabbeting, Tonguing and Grooving, Beading, Slitting and Sash Cutting. It may also be used as a Filletster and with special Cutters as a Reeding Plane.
Fitted with two Depth Gauges for regulating the depth of the cut, one located on the Bed and the other on the Movable Bed. The Depth Gauge on the Bed may be raised or lowered by means of an adjusting nut.
For Beading or Grooving on the edge of a tongued board where there is no room for the Fence, an adjustable Guide is provided, replacing the Depth Gauge.

The Fence, which is reversible for use on wide boards, is also adjustable along the Rods for either side of the Plane. It is designed for service when the plane is used as a Filletster or Plow, to gauge the distance from the Cutter to the edge of the board and holding the Cutter at right angles to it.

A detailed description and directions for using are packed with each Plane.

IRON BLOCK PLANES

CHAPLIN'S PATENT



Adjustable Throat, Smooth Face.

No. 20—6 1/2 inches Long, 1 5/8 inch Cutter, Japanned...	Each	\$1.40
No. 30—6 1/2 inches Long, 1 5/8 inch Cutter, Nickel Plated	Each	1.65
One in a Box.		
Extra Cutters, for Nos. 20 and 30 Chaplin's Planes, War-	Per Dozen	
ranted Cast Steel.....		\$3.30
Extra Caps, for No. 20.....		4.80
Extra Caps, for No. 30.....		7.20

IRON BENCH PLANES

CHAPLIN'S PATENT



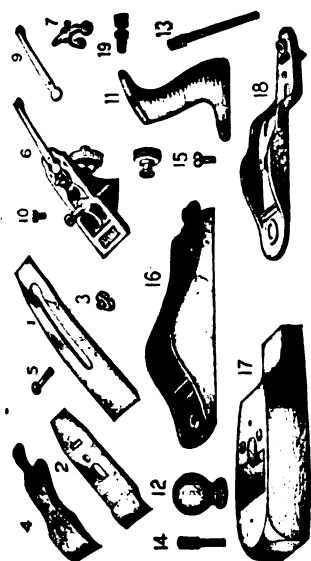
Corrugated Bottom, Checkered Rubber Handle.

No. 1205—Smooth, 9 inches Long, 2 inch Cutter.....	Each	\$3.50
No. 1207—Jack, 15 inches Long, 2 1/8 inch Cutter.....		4.25
No. 1208—Fore, 18 inches Long, 2 1/4 inch Cutter.....		5.00
No. 1210—Jointer, 22 inches Long, 2 1/4 inch Cutter....		5.75
One in a Box.		

EXTRA PARTS FOR SARGENT PLANES

FOR ADJUSTABLE IRON PLANES

Prices Are Per Single Piece.



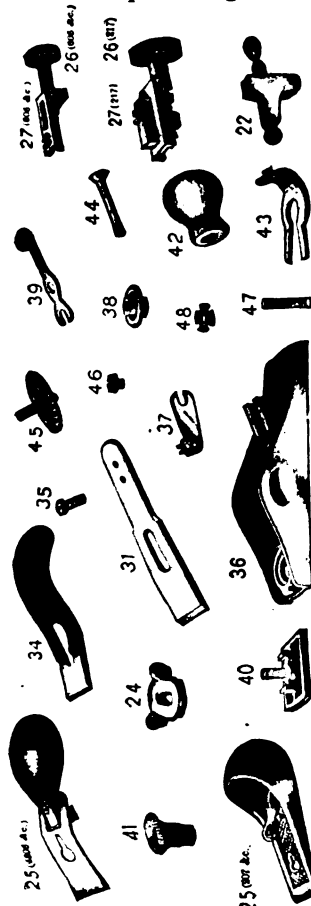
No. and Name of Part.	408, 409 408C, 409C	414 414C	418 418C	422 422C	424 424C
For Planes, Nos.					
No. 1—Single Steel Cutter.....	\$0.40	.45	.45	.45	.50
No. 2—Cap for Steel Cutter.....	.25	.30	.30	.30	.30
Nos. 1 and 2—Double Steel Cutter.....	.65	.75	.75	.75	.80
No. 3—Cap Screw .....	.08	.08	.08	.08	.08
No. 4—Clamp .....	.40	.40	.40	.40	.40
No. 5—Clamp Screw .....	.06	.06	.06	.06	.06
No. 6—Frog Complete .....	.55	.55	.55	.55	.55
No. 7—Fork Adjustment .....	.15	.15	.15	.15	.15
No. 8—Brass Adjusting Nut.....	.18	.18	.18	.18	.18
No. 9—Lateral Adjustment .....	.15	.15	.15	.15	.15
No. 10—Frog Screw .....	.06	.06	.06	.06	.06
No. 11—Handle .....	.30	.30	.30	.30	.30
No. 12—Knob .....	.23	.23	.23	.23	.23
No. 13—Handle Bolt .....	.20	.20	.20	.20	.20
No. 14—Knob .....	.20	.20	.20	.20	.20
No. 15—Handle Screw .....	...	.06	.06	.06	.06
No. 16—Bottom	1.60	1.90	2.65	3.70	4.50
No. 19—Adjusting Screw .....	.06	.06	.06	.06	.06

FOR ADJUSTABLE WOOD BOTTOM PLANES

3407, 3408

For Planes, Nos.	3409	3410	3411	3412	3415	3416	3418 3420	3422 3424	3426 3428	3430
No. and Name of Part.										
No. 1—Single Steel Cutter.....	\$0.35	.40	.40	.45	.40	.45	.45	.45	.50	.50
No. 2—Cap for Steel Cutter.....	.25	.25	.25	.30	.25	.30	.30	.30	.30	.30
Nos. 1 and 2—Double Steel Cutter.....	.60	.65	.65	.75	.65	.75	.75	.75	.80	.80
No. 3—Cap Screw .....	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08
No. 4—Clamp .....	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33
No. 5—Clamp Screw .....	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
No. 6—Frog Complete .....	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50
No. 7—Fork Adjustment .....	.15	.15	.15	.15	.15	.15	.15	.15	.15	.15
No. 8—Brass Adjusting Nut.....	.18	.18	.18	.18	.18	.18	.18	.18	.18	.18
No. 9—Lateral Adjustment .....	.15	.15	.15	.15	.15	.15	.15	.15	.15	.15
No. 10—Frog Screw .....	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
No. 11—Handle .....	...	...	.20	.20	.20	.20	.20	.20	.20	.20
No. 12—Knob .....	.18	.18	.18	.18	.18	.18	.18	.18	.18	.18
No. 13—Handle Bolt .....	...	...	.20	.20	.20	.20	.20	.20	.20	.20
No. 14—Knob .....	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
No. 17—Bottom .....	.65	.65	.65	.80	.80	.80	1.10	1.25	1.35	1.50
No. 18—Top Casting .....	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33

FOR IRON BLOCK PLANES



For Planes, Nos.	104	106	107	206	207	217
No. and Name of Part.						
No. 22—Adjusting Lever .....	...	...	...	...	.15	...
No. 25—Clamp .....	...	...	...	...	.25	.25
No. 26—Adjusting Screw .....	...	...	...	...	...	.15
No. 27—Slide .....	...	...	...	...	...	.10
No. 31—Steel Cutter	\$0.12	.15	.20	.15	.20	.20
No. 34—Clamp .....	.07	.15	.15	.15	...	...
No. 35—Clamp Screw .....	.05	...	...	...	.05	.05
No. 36—Bottom .....	.15	.25	.40	.30	.50	.50
No. 37—Adjusting Lever .....	...	...	...	.08	...	...
No. 38—Adjusting Nut .....	...	...	...	.15	...	...
No. 41—Knob .....	...	...	.15	...	.15	.15
No. 45—Wheel .....	...	.15	.15	.15	...	...
No. 47—Headless Machine Screw .....	...	...	...	.05	...	...

FOR IRON BLOCK PLANES

For Planes, Nos.	306 4306	307 4307	316	317	5306
No. and Name of Part.					
No. 24—Cam	\$0.10	.10	.10	.10	.10
No. 25—Clamp .....	.25	.25	.25	.25	.30
No. 31—Steel Cutter .....	.25	.25	.25	.25	.25
No. 35—Clamp Screw .....	.05	.05	.05	.05	.05
No. 36—Bottom	1.10	1.20	1.10	1.20	1.10
No. 37—Adjusting Lever .....	.08	.08	.08	.08	.08
No. 38—Adjusting Nut .....	.15	.15	.15	.15	.15
No. 39—Lateral Adjustment .....	.15	.15	.15	.15	.15
No. 40—Mouth Piece .....	.15	.15	.15	.15	.15
No. 41—Knob .....	.15	.15	.15	.15	.15
No. 42—Knob Handle .....	...	...	.20	.20	...
No. 43—Handle Casting .....	...	...	.15	.15	...
No. 44—Handle Screw .....	...	...	.05	.05	...
No. 46—Filletster Head Screw.....	.05	.05	.05	.05	.05
No. 47—Headless Machine Screw.....	.05	.05	.05	.05	.05
No. 48—Cog Nut .....	...	...	.05	.05	...

Note—When Ordering Parts, Always give Number of Plane for Which Part is Wanted, as Well as the Number and Name of Part Required.
All Parts Will be Shipped from Factory.

ADJUSTABLE WOOD BOTTOM PLANES

BAILEY'S BENCH

"Bailey" Wood Planes supply the demand for a wood plane of superior quality. The bottom, handle and knob are made from selected and well seasoned beechwood. The cutters are the regular "Bailey" type and are adjustable both endwise and sidewise.

The Frog is held in place by two machine screws which pass through the top iron and screw into two brass lugs. These lugs are screwed and securely pinned into the wood bottom. This is far superior to other methods of fastening, as it holds together firmly the wood bottom, the top iron which strengthens the wood bottom and the frog.

Black Japanned Iron Frame.

SMOOTH

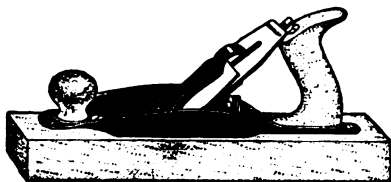


No. 21—7 inches Long, 1 3/4 inch Cutter, Wt. 2 1/2 Lbs.	Each \$2.25
No. 22—8 inches Long, 1 3/4 inch Cutter, Wt. 2 1/2 Lbs.	2.25
No. 23—9 inches Long, 1 3/4 inch Cutter, Wt. 2 1/2 Lbs.	2.25
No. 24—8 inches Long, 2 inch Cutter, Wt. 3 Lbs.	2.25

BLOCK

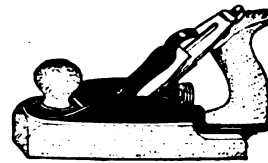
No. 25—9 1/2 inches Long, 1 3/4 inch Cutter, Wt. 2 1/2 Lbs.	Each \$2.25
One in a Box.	

JACK AND FORE



No. 26—Jack, 15 inch Long, 2 inch Cutter, Weight Each 3 3/4 Lbs.	Each \$2.40
No. 27—Jack, 15 inches Long, 2 1/4 inch Cutter, Weight Each 4 Lbs.	2.60
No. 27 1/2—Jack, 15 inches Long, 2 1/4 inch Cutter, Weight Each 4 3/4 Lbs.	2.65
No. 28—Fore, 18 inches Long, 2 3/8 inch Cutter, Weight Each 5 1/2 Lbs.	3.00
No. 29—Fore, 20 inches Long, 2 3/8 inch Cutter, Weight Each 6 1/4 Lbs.	3.10
One in a Package.	

HANDLED SMOOTH

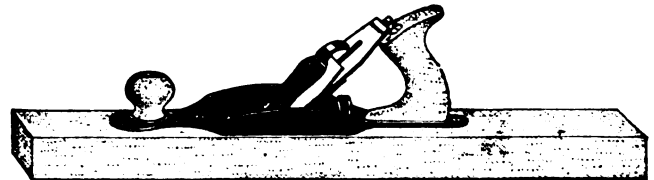


No. 35—9 inches Long, 2 inch Cutter, Weight Each 3 1/4 Lbs.	Each \$2.60
No. 36—10 inches Long, 2 3/8 inch Cutter, Weight Each 4 Lbs.	3.00

JENNY SMOOTH

No. 37—13 inches Long, 2 5/8 inch Cutter, Weight Each 5 Lbs.	Each \$3.80
One in a Box.	

JOINTER



No. 30—Jointer, 22 inches Long, 2 3/8 inch Cutter, Weight Each 6 1/4 Lbs.	Each \$3.10
No. 31—Jointer, 24 inches Long, 2 3/8 inch Cutter, Weight Each 6 1/2 Lbs.	3.15
No. 32—Jointer, 26 inches Long, 2 5/8 inch Cutter, Weight Each 7 Lbs.	3.40
No. 33—Jointer, 28 inches Long, 2 3/8 inch Cutter, Weight Each 8 3/8 Lbs.	3.50
No. 34—Jointer, 30 inches Long, 2 3/8 inch Cutter, Weight Each 8 1/2 Lbs.	3.80
One in a Package.	

STANLEY'S BENCH

With Lever Adjustment.

These Planes have a simple lever adjustment, are well made, and are for use in any place where extreme nicety of work is not required. The bottom, handle and knob are made of beechwood, and the entire plane is well finished.

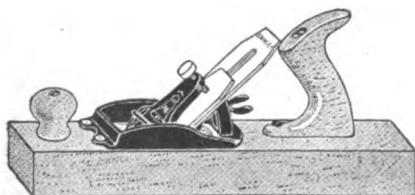
The cutters are of the double cutter type, of a high grade of steel and ground and honed ready for use. They are adjustable endwise by means of a lever and are held in place by a lever thumb screw.

SMOOTH



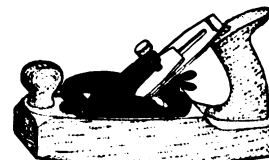
No. 122—8 inches Long, 1 3/4 inch Cutter, Weight Each 2 3/8 Lbs.	Each \$1.70
One in a Box.	

JACK AND FORE



No. 127—Jack, 15 inches Long, 2 1/4 inch Cutter, Weight Each 3 1/2 Lbs.	Each \$2.25
No. 129—Fore, 20 inches Long, 2 3/8 inch Cutter, Weight Each 5 5/8 Lbs.	2.50
One in a Package.	

HANDLED SMOOTH



No. 135—10 inches Long, 2 1/4 inch Cutter, Weight Each 3 Lbs.	Each \$2.25
One in a Box.	

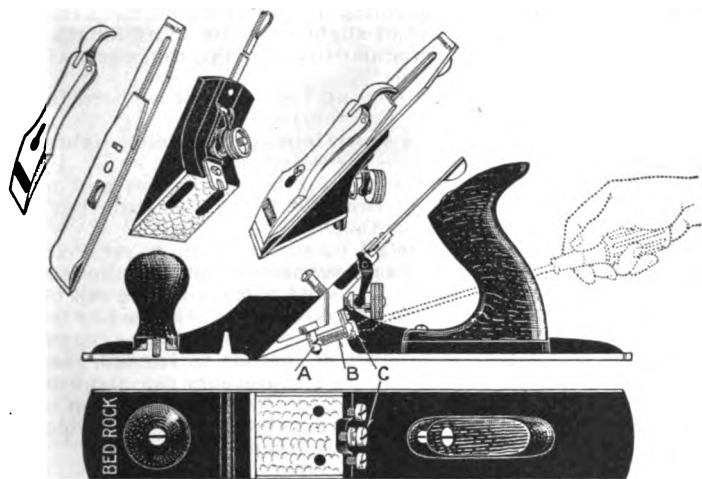
JOINTER



No. 132—Jointer, 26 inches Long, 2 3/8 inch Cutter, Weight Each 7 3/8 Lbs.	Each \$2.80
One in a Package.	

ADJUSTABLE IRON PLANES

STANLEY'S "BED ROCK"



This Plane, owing to its solidity and variety of adjustments, surpasses all others for fine work on all woods.

The cutter, frog and bottom are so designed, machined and fitted that they are practically one solid piece of metal, thus preventing any chance of vibration.

Particular attention is called to the shape of the sides. This new and distinctive feature adds greatly to the strength of the plane as well as affording large bearing surfaces when the plane is used on its sides.

The frog may now be adjusted either forward or backward without removing the lever and cutter, simply slacken the tension of the two frog clamping screws "B" and with a screw driver adjust the frog as desired by means of the frog adjusting screw "C" in the center, and then tighten the frog clamping screws. (See cut).

The frog is held to its seat by means of two pins "A" of large diameter, each of these has a tapered hole near the lower end. The two frog clamping screws "B" have tapered points. These points fit in the holes in the pins "A". The center of the tapered hole in these pins is slightly above the center line of the frog clamping screws, so that when these screws are driven in, they produce the effect of a wedge, drawing the pins downward, and clamping the frog absolutely rigid in its place.

If, for any reason, these frog pins "A" should be taken out of the plane, care must be used in replacing them to see that the tapered holes come in line with the points of the frog clamping screws "B".

The cutter is the regular "Bailey" cutter and is adjustable both endwise and sidewise.

The handle and knob are of well seasoned rosewood. The shape of the knob has recently been changed, the new shape allowing a firmer and easier grip.

SMOOTH



With Flat Bottom.

Each

- No. 603—8 inches Long, 1 1/4 inch Cutter, Weight Each 3 1/4 Lbs. \$3.50
One in a Box.

SMOOTH



With Flat Bottom.

Each

- No. 604—9 inches Long, 2 inch Cutter, Wt. Each 3 1/2 Lbs. ... \$3.75
No. 604 1/2—10 inches Long, 2 1/2 inch Cutter, Weight Each 4 1/4 Lbs. 4.40
One in a Box.

JACK



With Flat Bottom.

Each

- No. 605—14 inches Long, 2 inch Cutter, Wt. Each 4 1/2 Lbs. ... \$4.40
No. 605 1/2—15 inches Long, 2 1/4 inch Cutter, Weight Each 6 1/2 Lbs. 4.85
One in a Box.

FORE



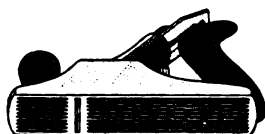
With Flat Bottom.

Each

- No. 606—18 inches Long, 2 3/4 inch Cutter, Weight Each 7 1/2 Lbs. \$5.50

One in a Box.

SMOOTH



No. 603C.

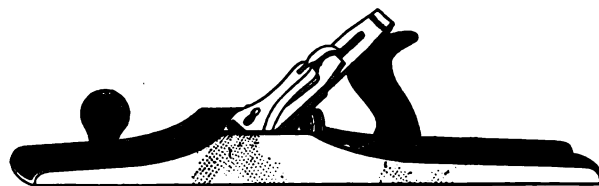
With Corrugated Bottom.

Each

- No. 603C—8 inches Long, 1 1/4 inch Cutter, Weight Each 3 1/4 Lbs. \$3.50
No. 604C—9 inches Long, 2 inch Cutter, Weight Each 3 1/2 Lbs. 3.75
No. 604 1/2 C—10 inches Long, 2 1/2 inch Cutter, Weight Each 4 1/4 Lbs. 4.40

One in a Box.

JOINTER



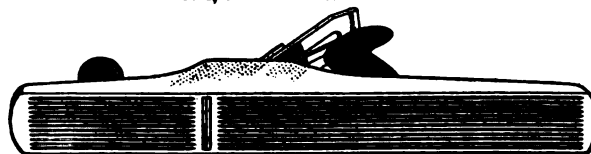
With Flat Bottom.

Each

- No. 607—22 inches Long, 2 3/4 inch Cutter, Weight Each 8 1/2 Lbs. \$6.40
No. 608—24 inches Long, 2 3/4 inch Cutter, Weight Each 9 1/2 Lbs. 7.50

One in a Box.

JACK, FORE AND JOINTER



No. 607C

With Corrugated Bottom.

Each

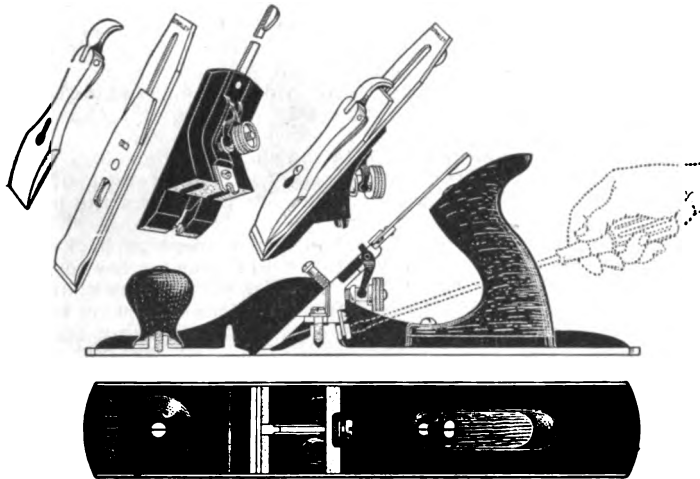
- No. 605C—14 inches Long, 2 inch Cutter, Weight Each 4 1/2 Lbs. \$4.40
No. 605 1/2 C—15 inches Long, 2 1/4 inch Cutter, Weight Each 6 1/2 Lbs. 4.85
No. 606C—18 inches Long, 2 1/2 inch Cutter, Weight Each 7 1/2 Lbs. 5.50
No. 607C—22 inches long, 2 3/4 inch Cutter, Weight Each 8 1/2 Lbs. 6.40
No. 608C—24 inches Long, 2 3/4 inch Cutter, Weight Each 9 1/2 Lbs. 7.50

One in a Box.

NOTE—The Corrugated Bottom creates very little friction and makes an easier running Plane than the Flat Bottom.

ADJUSTABLE IRON PLANES

BAILEY BENCH



Bench Planes are divided into four classes, namely: **Smooth, Jack, Fore, and Jointer.**

A **Smooth Plane** is for finishing or smoothing off flat surfaces. Where the uneven spots are of slight area, its short length will permit it to locate these irregularities, leaving the work with a smooth surface when finished.

A **Jack Plane** is used to true up the edges of a board in the rough and prepare it for the Fore or Jointer.

A **Fore Plane** is simply a short Jointer, and being lighter, is preferred by some workmen to the longer plane.

A **Jointer** is a finishing Plane for large surfaces and is invariably used to true up the edges of boards so that they can be closely fitted or joined together.

In the illustration the detail of construction is very clearly shown. Note that the frog has a support directly at the rear of the mouth, making practically one solid piece from the cap to the bottom. The sides and bottom of the plane are stiffened by means of the cross ribs. The screw bosses on each side of the center rib are very deep, allowing a number of threads to engage, thereby securely holding the frog. The design prevents the plane being drawn out of true when the face of the frog is screwed up hard.

The width of the mouth may be regulated and made wider or narrower as coarse or fine work may require.

The cutter, which is thin and of uniform thickness, is a prominent feature of the "Bailey" Plane.

The cutter is adjustable endwise by means of the adjusting wheel at the back of the frog. It is also adjustable sidewise by lever located near the top and at the back of the cutter.

It is made of the finest quality English steel, tempered and ground by an improved process, and honed ready for use.

The handle and knob are made of highly finished, thoroughly seasoned rosewood.

SMOOTH, JACK, FORE AND JOINTER



No. 3.



No. 4.



No. 5.

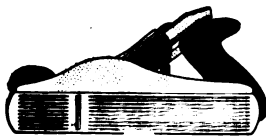


No. 6.

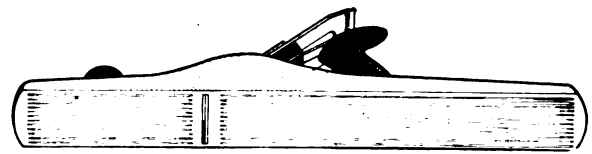
With Flat Bottom.

Each		Each	
No. 1—Smooth, 5½ inches Long, 1¼ inch Cutter, Weight Each 1½ Lbs.	\$2.30	No. 5—Jack, 14 inches Long, 2 inch Cutter, Weight Each 4½ Lbs.	\$4.00
No. 2—Smooth, 7 inches Long, 1½ inch Cutter, Weight Each 2¼ Lbs.	3.00	No. 5½—Jack, 15 inches Long, 2¼ inch Cutter, Weight Each 6¾ Lbs.	4.40
No. 3—Smooth, 8 inches Long, 1¾ inch Cutter, Weight Each 3½ Lbs.	3.10	No. 6—Fore, 18 inches Long, 2½ inch Cutter, Weight Each 7¾ Lbs.	5.10
No. 4—Smooth, 9 inches Long, 2 inch Cutter, Weight Each 3¾ Lbs.	3.40	No. 7—Jointer, 22 inches Long, 2¾ inch Cutter, Weight Each 8 Lbs.	5.75
No. 4½—Smooth, 10 inches Long, 2½ inch Cutter, Weight Each 4¾ Lbs.	4.00	No. 8—Jointer, 24 inches Long, 2¾ inch Cutter, Weight Each 9¾ Lbs.	6.85
One in a Box.		One in a Box.	

SMOOTH, JACK, FORE AND JOINTER



No. 3C.



No. 7C.

With Corrugated Bottom.

Each		Each	
No. 3C—Smooth, 8 inches Long, 1¾ inch Cutter, Weight Each 3½ Lbs.	\$3.10	No. 5½C—Jack, 15 inches Long, 2¼ inch Cutter, Weight Each 6¾ Lbs.	\$4.40
No. 4C—Smooth, 9 inches Long, 2 inch Cutter, Weight Each 3¾ Lbs.	3.40	No. 6C—Fore, 18 inches Long, 2½ inch Cutter, Weight Each 7¾ Lbs.	5.10
No. 4½C—Smooth, 10 inches Long, 2½ inch Cutter, Weight Each 4¾ Lbs.	4.00	No. 7C—Jointer, 22 inches Long, 2¾ inch Cutter, Weight Each 8 Lbs.	5.75
No. 5C—Jack, 14 inches Long, 2 inch Cutter, Weight Each 4¾ Lbs.	4.00	No. 8C—Jointer, 24 inches Long, 2¾ inch Cutter, Weight Each 9¾ Lbs.	6.85
One in a Box.		One in a Box.	

ADJUSTABLE STEEL PLANES

STANLEY'S BENCH

These Planes are much in demand for outdoor work where tools are apt to get knocked around and are subjected generally to more or less rough usage. The bottoms and sides are one piece of pressed steel, making them practically non-breakable. They weigh considerably less than iron planes, and for light work on soft woods will be found very useful. The cutters are of the double type and are adjustable endwise by means of the small lever shown in the cut. The handles and knobs are made of rosewood.



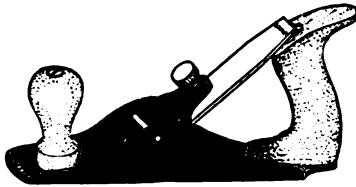
No. 104—Smooth, 9 inches Long, 2½ inch Cutter, Weight Each 3 Lbs.	\$3.00
One in a Box.	



No. 105—Jack, 14 inches Long, 2½ inch Cutter, Weight Each 4 Lbs.	\$3.85
One in a Box.	

ADJUSTABLE IRON PLANES

STANLEY'S SCRUB

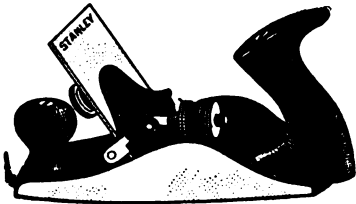


- Each
No. 40—9 1/2 inches Long, 1 1/4 inch Cutter with Rounded Edge, Beechwood Handle and Knob, Weight Each 2 Lbs. \$1.75

With these planes the user can quickly plane down to a rough dimension any board that is too wide to conveniently rip with a hand saw, an operation that is sometimes called "hogging". This is made possible by reason of the peculiar shape of the extra heavy cutter, the cutting edge of which is rounded instead of square.

One in a Box.

STANLEY'S SINGLE HANDLE VENEER SCRAPER



- Each
No. 112—9 inches Long, 3 inch Cutter, Rosewood Handle and Knob, Weight Each 4 Lbs. \$3.30
No. 112V—Extra Cutters, for Veneer Scraping, 3 inch... .25
No. 112T—Extra Toothing Cutters, 22, 28 or 32 Teeth to the inch25

This Plane has the same form as the regular Bailey Plane and is preferred by some users to the double handle Scraper Plane. The blade is adjustable endwise and for angle, and can be firmly locked in position desired.

One in a Box.

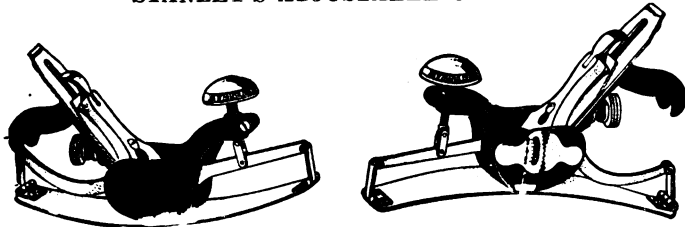
STANLEY'S EDGE TRIMMING



- Each
No. 95—6 inches Long, 7/8 inch Cutter, Japanned, Weight Each 1 1/4 Lbs. \$1.70
Designed especially for trimming or smoothing the ends of boards, such as sidings, etc., for a square or close fit. It has a right angle rest or guide from the cutter edge, and the cutter works on a skew, giving an easy shaving cut. In the rest or guide are two screw holes to which wood blocks of various bevels may be attached, enabling the user to make a slanting cut.

One in a Box.

STANLEY'S ADJUSTABLE CIRCULAR



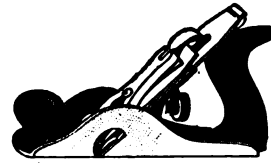
- Each
No. 113—10 inches Long, 1 3/4 inch Cutter, Flexible Steel Face, Japanned Stock, with Graduated Scale for Setting the Face, Weight Each 3 1/2 Lbs. \$4.75

These Planes have flexible steel faces which can be accurately adjusted for planing the inside or outside of circles. The cutters are the same and have the same adjustments as the "Bailey" and "Bed Rock" Planes.

No. 113 is the original design for this class of tools. The face is fastened at its center to the plane body, and adjusted at the ends by means of a screw and levers.

One in a Box.

STANLEY'S CARRIAGE MAKERS' RABBIT.

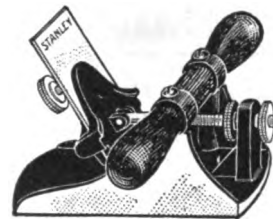


- Each
No. 10 1/4—9 inches Long, 2 1/4 inch Cutter, Rosewood Handle and Knob, Weight Each 3 Lbs. \$4.50
No. 10—13 inches Long, 2 1/4 inch Cutter, Rosewood Handle and Knob, Weight Each 4 1/4 Lbs. 4.90

Especially designed for heavy work and framing and will be found to be an excellent tool for a wide variety of work. The Cutter is of the Double Cutter type, and is adjustable endwise and laterally.

One in a Box.

STANLEY'S DOUBLE HANDLE VENEER SCRAPER

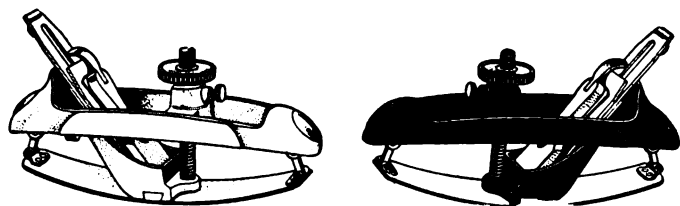


- Each
No. 12—6 1/4 inches Long, 3 inch Cutter, Rosewood Handle, with Double Grip, Weight Each 3 3/4 Lbs. \$3.80
No. 12V—Extra Cutters, for Veneer Scraping, 3 inch... .25

The handles are of rosewood with a double grip, and, being placed across the center of the tool, give it a good balance. The blade is adjustable endwise and for angle, and can be firmly locked in position desired.

One in a Box.

VICTOR ADJUSTABLE CIRCULAR



- No. 20. No. 20 1/2. Each
No. 20—10 inches Long, 1 3/4 inch Cutter, Flexible Steel Face, Nickel Plated Stock, Weight Each 4 Lbs. \$6.35
No. 20 1/2—Same as No. 20, but with Japanned Stock.. 5.40

Nos. 20 and 20 1/2 are of a more recent and improved design. The face is fastened at each end to the plane body and adjusted by a screw at the center. This construction gives great strength and accuracy.

IRON BLOCK PLANES

STANLEY'S

Black Japanned Iron Frame, Polished Face, Japanned Sides, Best Quality English Steel Cutter, Tempered and Ground, Honed Ready for Use.



Each
No. 101—3½ inches Long, 1 inch
Cutter, Non-Adjustable.....\$0.30
Per Dozen
Extra Cutters\$0.90
A very handy little plane. Can be
used for a variety of purposes.
Weight Each ¼ Pound.
Six in a Box.

Black Japanned Iron Frame, Polished Face and Sides, Best Quality English Steel Cutter, Tempered and Ground, Honed Ready for Use.



Each
No. 102—5½ inches Long, 1½
inch Cutter, Non-Adjustable.....\$0.60
Per Dozen
Extra Cutters\$1.80
Extra Caps1.80
A light, serviceable plane.
Weight Each ¾ Pound.
One in a Box.



Each
No. 103—5½ inches Long, 1½
inch Cutter, Endwise Lever
Adjustment\$0.80
Per Dozen
Extra Cutters\$1.80
Extra Caps1.80
A good plane for light work.
Weight Each ¾ Pound.
One in a Box.



Each
No. 110—7½ inches Long, 1½
inch Cutter, Non-Adjustable,
Applewood Knob\$0.80
Per Dozen
Extra Cutters\$2.40
Extra Caps1.80
The most popular of all the non-ad-
justable planes.
Weight Each 1½ Pounds.
One in a Box.



Each
No. 120—7½ inches Long, 1½
inch Cutter, Endwise Lever
Adjustment, Rosewood
Knob\$1.05
Per Dozen
Extra Cutters\$3.40
Extra Caps1.80
Same style as No. 103, but with
ground sides and knob.
Weight Each 1½ Pounds.
One in a Box.



Each
No. 220—7½ inches Long, 1½
inch Cutter, Endwise Lever
Adjustment, Rosewood
Knob\$1.05
Per Dozen
Extra Cutters\$3.40
Extra Caps1.80
In many ways better adapted for aver-
age use than the cheaper block planes.
Weight Each 1½ Pounds.
One in a Box.
Double End.



Manual Training.
Each
No. 203—5½ inches Long, 1½
inch Cutter, Endwise Screw
Adjustment, Rosewood
Knob\$1.10

Designed especially for manual training use. The bottom
and sides are ground and it is fitted with the well known
"Hand-y" feature, which aids very materially in providing a
firm grip for the hand of the user. The cutter is secured in its
place by a lever fastened with a cam.

Weight Each 1½ Pounds.
One in a Box.



Each
No. 130—8 inches Long,
1½ inch Cutter, Hard-
wood Knob.....\$1.10
Per Dozen
Extra Cutters\$2.40
Extra Caps1.80
This Plane has two Slots and two Cutter Seats. By revers-
ing the position of the Cutter and the Clamping Wedge, it can
be used close up into the corners, or other difficult places.
Weight Each 1½ Pounds.
One in a Box.



Adjustable Double End.
Each
No. 131—8 inches Long, 1½ inch Cutter, Rosewood
Knob, Endwise Screw Adjustment.....\$2.00
A combination Block and Bull Nose Plane. Has two slots
and a movable cutter seat. Use center cutter seat and slot
for ordinary block plane work. For use as a bull nose plane
remove the cap and cutter, reverse the cutter seat by throwing
over the adjusting wheel, replace the cap and cutter in the new
position. Fitted with the well known "Hand-y" feature on
the sides, forming a convenient grip for the hand.
Weight 1½ Pounds.
One in a Box.



Low Angle, Adjustable Throat.
Each
No. 60—6 inches Long, 1½ inch Cutter, Endwise Screw
Adjustment, Nickel Plated Trimmings, Weight Each
1½ Lbs.\$1.85
No. 60½—Same as No. 60, but with Japanned Trim-
mings1.65
In the Low Angle Planes, the cutter rests on its seat at an
angle of only 12 degrees. This angle permits of great ease in
working across the grain on hard woods. They have adjustable
throats, which allow of the opening or closing of the mouth
as coarse or fine work may require. Fitted with the well known
"Hand-y" feature. One in a Box.



Low Angle, Adjustable Throat, Knuckle Joint.
Each
No. 65—7 inches Long, 1½ inch Cutter, Endwise Screw
Adjustment, Nickel Plated Trimmings.....\$2.20
The Knuckle Joint permits of great leverage, consequently
the lever can be placed in position or removed with very little
effort. The cutter rests on its seat at an angle of only 12
degrees, permitting great ease in working across the grain of
hardwoods.
Weight Each 1½ Pounds.
One in a Box.



Low Angle, Adjustable Throat.
Each
No. 62—14 inches Long, 2 inch Cutter, Rosewood Han-
dle and Knob, Endwise Screw Adjustment.....\$4.40
Especially adapted for use in cutting across the grain on
heavy work, where more power is required than can be obtained
by the use of the ordinary block plane. The adjustable throat
allows opening or closing of the mouth, as coarse or fine work
may require. Weight Each 3½ Pounds.
One in a Box.

IRON BLOCK PLANES

BAILEY'S

"Bailey" Block Planes are the highest type of Block Planes manufactured. They have the most improved form of adjustment, which enables the user to accurately adjust the cutter either endwise or sidewise. The cutter rests on its seat at an angle of 20 degrees as against 45 degrees in the ordinary bench planes, and the cutter bevel is made on the upper instead of on the lower side. All have adjustable throats which permit of the opening or closing of the mouth as coarse or fine work may require. The "Hand-y" feature on the sides forms a convenient grip for the hand.



Adjustable Throat.

- No. 9½—6 inches Long, 1½ inch Cutter, Endwise Screw and Lateral Lever Adjustment, Japanned Trimmings \$1.60
Weight Each 1½ Pounds.
One in a Box.



Adjustable Throat.

- No. 9¾—6 inches Long, 1½ inch Cutter, Rosewood Handle, Endwise Screw and Lateral Lever Adjustment, Japanned Trimmings.....\$2.00
No. 15¾—7 inches Long, Otherwise Same as No. 9¾ .. 2.10
The rosewood handle enables the user to conveniently work the plane with both hands, if he so desires.
Weight Each 1½ Pounds.
One in a Box.



Adjustable Throat.

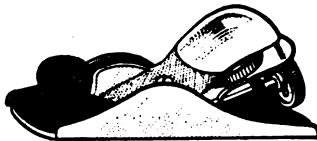
- No. 15—7 inches Long, 1½ inch Cutter, Endwise Screw and Lateral Lever Adjustment, Japanned Trimmings\$1.80
No. 16—6 inches Long, 1½ inch Cutter, Nickel Trimmings, Otherwise Same as No. 15..... 1.85
No. 17—Nickel Trimmings, Otherwise Same as No. 15. 2.00
Weight Each 1½ Pounds.
One in a Box.



- Knuckle Joint, Adjustable Throat, Nickel Plated Trimmings. Each
No. 18—6 inches Long, 1½ inch Cutter, Endwise Screw and Lateral Lever Adjustment.....\$2.00
No. 19—7 inches Long, Otherwise Same as No. 18..... 2.10
The Knuckle Joint in the cap makes it also a lever, and placing the cap in position clamps the cutter securely to its seat.
Weight Each 1½ Pounds.
One in a Box.

ADJUSTABLE IRON PLANES

STANLEY'S RABBIT AND BLOCK



- No. 140—7 inches Long, 1¾ inch Cutter, Rosewood Knob, with Detachable Side, Nickel Plated Trimmings\$2.20
The Detachable Side will easily change this tool from a Block Plane to a Rabbit Plane, or vice versa. The Cutter is set on a skew and is adjustable endwise.
Weight Each 1 Pound.
One in a Box.

STANLEY'S BULL NOSE RABBIT



- No. 75—4 inches Long, 1 inch Cutter, Japanned Trimmings\$0.60
Very useful for working close up into corners or other difficult places. The mouth can be adjusted for different widths by means of the set screw on top of the plane.
Weight Each ½ Pound.
One in a Box.

STANLEY'S SIDE RABBIT



No. 98

- No. 98—4 inches Long, Right Hand, ½ inch Cutter, Nickel Plated, Rosewood Knob\$1.55
No. 99—4 inches Long, Left Hand, ½ inch Cutter, Nickel Plated, Rosewood Knob 1.55

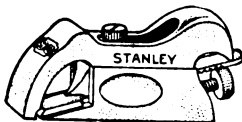


No. 99

A convenient tool for side-rabbiting and trimming Dados, Mouldings and Grooves of all sorts. A Reversible Nose-piece will give the tool a form by which it will work close up into corners when required.

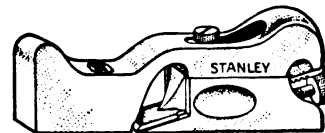
Weight Each ½ Pound.
One in a Box.

STANLEY CABINET MAKERS' RABBIT



No. 90—Bull Nose.

Nickel Plated, Adjustable Throat, Endwise Screw Adjustment.



Nos. 92, 93, 94.

Nos.	90	92	93	94
Length, Inches	4	5 ½	6 ½	7 ½
Cutter, Inches	1	¾	1	1 ¼
Weight Each, Lbs.	1	1 ½	1 ¾	2
Each	\$4.40	4.40	3.60	4.25

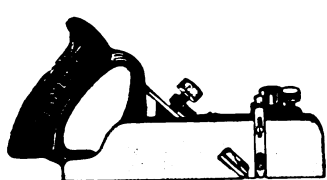
Adapted for fine cabinet or other work where extreme accuracy is required. The sides and bottom being square with each other, the plane will lie perfectly flat on either side and can be worked with either right or left hand.

No. 90 Plane is of the Bull Nose pattern so that it can be used close up into corners or other difficult places.

One in a Box.

ADJUSTABLE IRON PLANES

STANLEY'S DADO

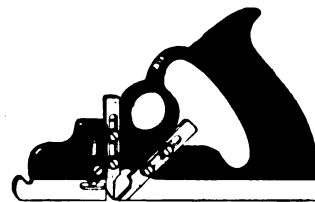


Japaned Iron Stock, 8 inches Long, with Skew Cutters, Adjustable Depth Gauge and Two Adjustable Spurs.

Nos.	39 1/4	39 3/8	39 1/2	39 5/8	39 3/4	39 7/8	39-1
Cutter, Inches....	1/4	3/8	1/2	5/8	3/4	7/8	1
Wt. Each, Lbs....	1 3/4	1 3/4	1 3/4	2	2	2 1/4	2 1/4
Each	\$2.50	2.50	2.50	2.50	2.50	2.50	2.50

The great advantage of these Dado Planes over those of wood is that they will keep true under all conditions even in the narrowest widths. They have skew cutters, an adjustable depth gauge and two adjustable spurs, one on each side of the Plane. This adjustable feature permits of the spurs being adjusted to take up wear, as well as for the depth of the cut.

One in a Box.



This Plane will be of Special Interest to Electricians.

Japaned Iron Stock, with Double Spur and Detachable Depth Gauge.

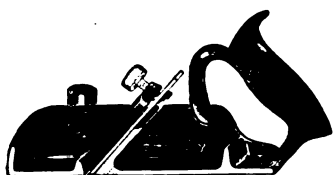
No. 239—7 1/2 inches Long, 1/8 inch Cutter, Weight Each 1 Lb. \$3.40

This Plane has an extra narrow cutter, only 1/8 of an inch wide, making it an ideal tool for blind wire grooving as well as for many other purposes.

It is fitted with a double spur, which prevents splintering when working across the grain and insures a smooth, clean cut.

A depth gauge is also attached allowing a groove to be cut of any desired depth up to the limit of the plane—1/2 of an inch. One in a Box.

STANLEY'S RABBIT

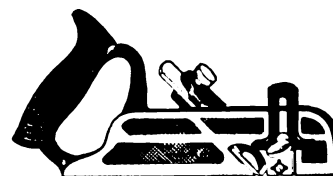


Japaned Iron Stock, 8 inches Long, without Spur, with Detachable Depth Gauge.

Nos.	180	181	182
Cutter, Inches	1 1/2	1 3/4	1
Weight Each, Lbs.....	2 1/2	2 1/4	2
Each	\$1.80	1.80	1.80

These planes will lie perfectly flat on either side and can be used equally as well with right or left hand while planing into corners or up against perpendicular surfaces.

One in a Box.



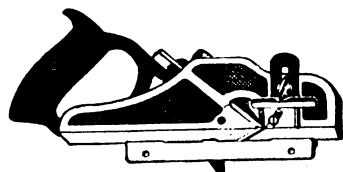
Japaned Iron Stock, 8 inches Long, with Spur for Working Across the Grain and Detachable Depth Gauge.

Nos.	190	191	192
Cutter, Inches	1 1/2	1 3/4	1
Weight Each, Lbs.....	2 1/2	2 1/4	2
Each	\$2.00	2.00	2.00

These Planes will lie perfectly flat on either side and can be used equally well with right or left hand while planing into corners or up against perpendicular surfaces.

One in a Box.

STANLEY'S DUPLEX, FILLETSTER AND RABBIT



No. 280—8 1/2 inches Long, 1 3/4 inch Cutter, Japaned Iron Stock

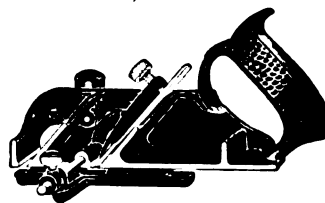
Each

\$3.00

This Plane has an extra wide skew cutter. An adjustable spur is fitted to each side. The fence and depth gauge can be attached to either side; the plane is therefore suitable for right or left hand work. The adjustable fence slides under the bottom, regulating the width of the cut. Remove arms and fence and a Skew Cutter Rabbit Plane is obtained.

Weight Each 3 3/4 Pounds.

One in a Box.



No. 78—8 1/2 inches Long, 1 1/2 inch Cutter, Japaned Iron Stock, with Spur and Detachable Depth Gauge..

Each

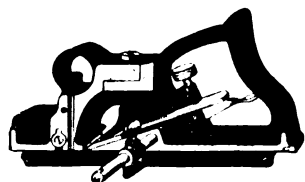
\$2.50

This Plane has two seats for the cutter, one for regular work and the other where a bull-nose is required. It has a spur and a removable depth gauge. The adjustable fence can be used on either side and slides under the bottom, regulating the width of the cut. To work same as a rabbit plane, remove fence and arms.

Weight Each 3 Pounds.

One in a Box.

STANLEY'S RABBIT AND FILLETSTER



No. 278.

No. 278—6 3/4 inches Long, 1 inch Cutter, Japaned Iron Stock, with Two Spurs and Adjustable Depth Gauge.....

Each

\$2.50

The sides and bottom being square with each other, the plane will lie perfectly flat on either side.

It has an adjustable fence which slides under the bottom, regulating the width of cut. As both the fence and the depth gauge can be attached to either side, the plane is suitable for either right or left hand work.

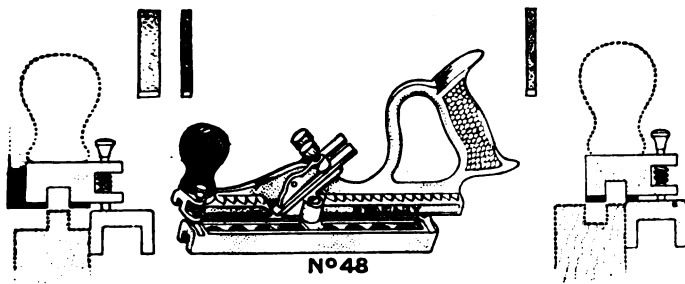
The front part of the plane can be easily detached, thus providing a bull nose plane for working close up into corners or other difficult places.

Weight Each 2 Pounds.

One in a Box.

ADJUSTABLE IRON PLANES

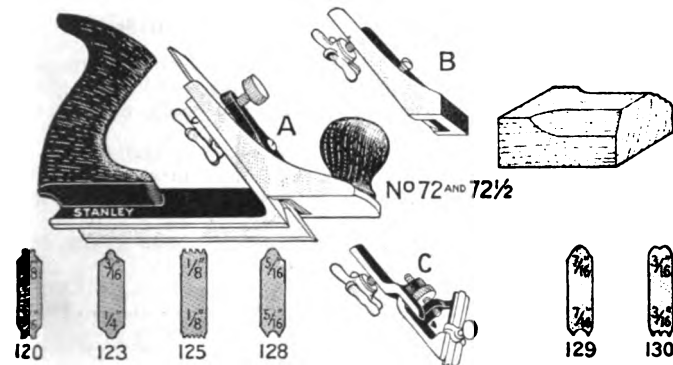
STANLEY'S SWINGING FENCE MATCHING



Nickel Plated Iron Handle and Body, Rosewood Knob.

- Each
No. 48—Cuts $\frac{1}{8}$ inch Groove on $\frac{3}{4}$ to $1\frac{1}{4}$ inch Boards, Centers on $\frac{7}{8}$ inch, Weight Each $3\frac{3}{4}$ Lbs. \$4.15
No. 49—Cuts $\frac{1}{8}$ inch Groove on $\frac{1}{2}$ to $\frac{3}{4}$ inch Boards, Centers on $\frac{1}{2}$ inch, Weight Each $2\frac{3}{4}$ Lbs. 4.15
This form has two plow cutters of the same width, and one extra wide cutter. The fence in one setting exposes two cutters for cutting the tongue, and, when reversed, leaves only one exposed for cutting the groove. On thicker boards than the plane works on center, the extra wide cutter is substituted for for groove cutter when cutting tongue.
One in a Box.

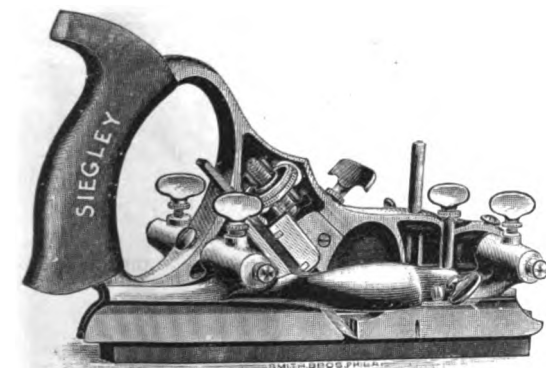
STANLEY'S ADJUSTABLE CHAMFER



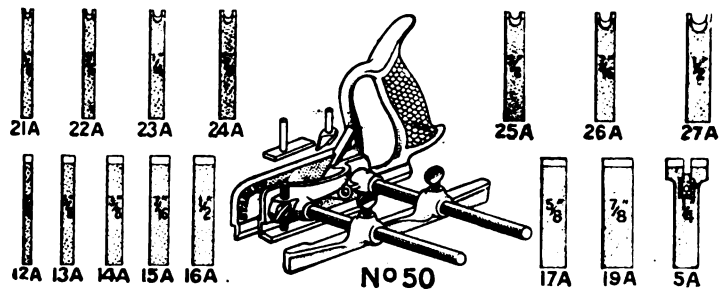
Japanned Iron Body, Rosewood Handle and Knob.

- Each
No. 72—9 inches Long, $1\frac{1}{2}$ inch Cutter, with "A" and "B" Attachments, Weight Each $3\frac{3}{4}$ Lbs. \$3.40
No. 72 $\frac{1}{2}$ —9 inches Long, $1\frac{1}{2}$ inch Cutter, with "A", "B" and "C" Attachments and 6 Moulding Cutters Sharpened at Both Ends, (Attachment "C" and the 6 Cutters Make Possible the Working of a Variety of Ornamental Forms), Weight Each $4\frac{1}{2}$ Lbs. 5.15

This Plane will do perfect chamfer or stop-chamfer work. It has a ninety degree V bottom which acts as a mitre guide. To this is attached an adjustable front, "A", having a flat bottom which carries the cutter; this front can be set for different sizes of chamfer. Front "A" can be readily detached and a bull-nose front "B" (furnished with this plane) substituted, permitting the plane to be worked close up into corners.
One in a Box.



STANLEY'S COMBINED PLOW, BEADING AND MATCHING

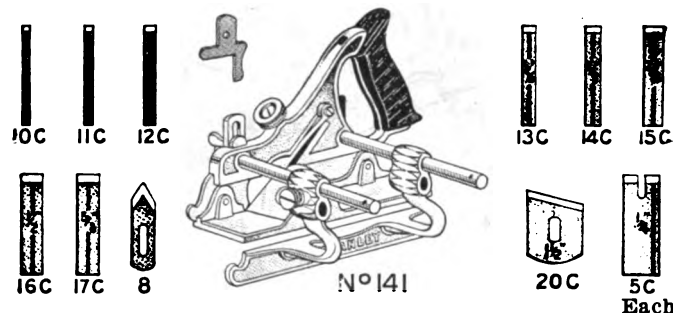


Nickel Plated Stock and Fence.

- Each
No. 50—9 $\frac{1}{4}$ inches Long, Complete with 15 Cutters. \$6.90
The Cutters comprise 7 plow and dado bits, one each $\frac{1}{4}$, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch; 7 beading tools, one each $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch, and a $\frac{1}{4}$ inch tonguing tool.
A very handy tool for light work. It consists of a main stock, carrying a spur and a depth gauge, forming a support for one side of the cutter; a sliding section, carrying a spur and forming a support for the other side of the cutter and a fence with a 5 inch adjustment.

Weight Each $3\frac{1}{2}$ Pounds.
One in a Box.

STANLEY'S COMBINED BULL NOSE PLOW, FILLETSTER AND MATCHING



- Each
No. 141—9 $\frac{1}{4}$ inches Long, Nickel Plated Stock and Fence, Rosewood Handle, Complete with 11 Cutters, Weight Each $5\frac{1}{2}$ Lbs. \$8.25

The Cutters comprise 8 plow bits, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, $\frac{1}{2}$ and $\frac{3}{4}$ inch; a $1\frac{1}{2}$ inch filletster cutter; a $\frac{1}{4}$ inch tonguing tool and a slitting cutter.
This Plane has two interchangeable front parts that make it either an ordinary plow or bull nose plow.

STANLEY'S COMBINED BULL NOSE PLOW AND MATCHING

- Each
No. 143—9 $\frac{1}{4}$ inches Long, Nickel Plated Stock and Fence, Rosewood Handle, Complete with 10 Cutters, Weight Each $4\frac{1}{2}$ Lbs. \$6.00
The Cutters comprise 8 plow bits, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, $\frac{1}{2}$ and $\frac{3}{4}$ inch; a $\frac{1}{4}$ inch tonguing tool and a slitting cutter.
This plane is the main stock, with spur, depth gauge and slitting and the fence used in No. 141 Plane, but without the filletster bottom and cutter.

One in a Box.

SIEGLEY'S IMPROVED ADJUSTABLE COMBINATION

- Each
No. 2—10 $\frac{1}{2}$ inches Long, Iron Stock, Nickel Plated, with 18 Cutters, Weight Each 8 Lbs. \$11.00

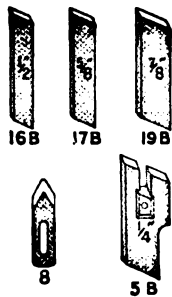
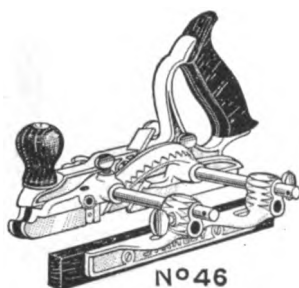
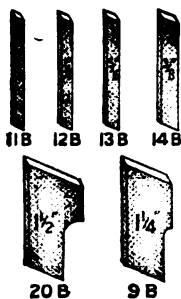
This Plane is a combination of a Carpenter's Plow and Dado with a Side and Center Beading Plane. Each Plane is accompanied by 9 Plow Cutters ($\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and $\frac{7}{8}$ inch).

Seven Beading Tools ($\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch), a $\frac{7}{8}$ inch Match Cutter, and a Sash Tool.

One in a Box.

ADJUSTABLE IRON PLANES

STANLEY'S PLOW, DADO, FILLETSTER AND MATCHING



No. 46—10 $\frac{1}{2}$ inches Long, Nickel Plated Stock and Fence, Rosewood Handle and Knob, Complete with 11 Cutters, Weight Each 5 $\frac{1}{2}$ Lbs. \$7.50
The cutters comprise 8 plow and dado bits, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and 1 $\frac{1}{4}$ inch; a 1 $\frac{1}{2}$ inch filletster cutter; a $\frac{1}{4}$ inch tonguing tool, and a slitting cutter.

Skew cutters are the feature of this Plane. It consists of a main stock carrying a spur, a depth gauge and a slitting cutter, a sliding section carrying a spur and forming an extra sole for the Plane, and a fence (rosewood face) which can be set for either plow or filletster work.

One in a Box.

Each

STANLEY'S DADO

No. 47—10 $\frac{1}{2}$ inches Long, Nickel Plated Stock, Rosewood Handle and Knob, Complete with 6 Cutters, Weight Each 3 $\frac{1}{4}$ Lbs. \$6.00

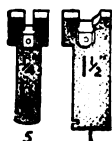
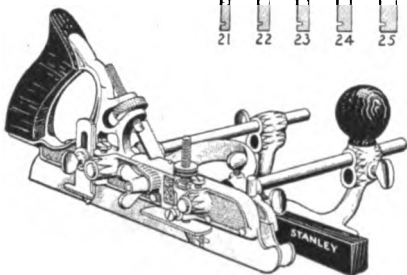
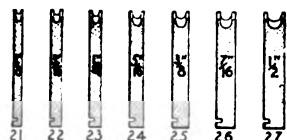
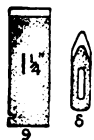
The cutters comprise 5 dado bits, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and 1 $\frac{1}{4}$ inch, and a slitting cutter.

This is the main stock with spur, slitting, depth gauge and the sliding section with spur, used in Plane No. 46 described above, but without the fence, and with fewer cutters.

One in a Box.

Each

STANLEY'S PLOW, BEADING, RABBIT AND MATCHING



Seven Tools in One in Compact and Practical Form.

No. 45—10 inches Long, Nickel Plated Stock and Fence, Rosewood Handle and Knob, Complete with 21 Cutters as Described Below, without Hollows and Rounds and without Nosing Tool. \$12.00

Weight Each 9 $\frac{1}{2}$ Pounds.

One in a Neat Steel Box, Complete with Cutters.

Each

This Plane embraces in a compact and practical form (1) beading and center beading plane; (2) plow; (3) dado; (4) rabbit and filletster; (5) match plane; (6) sash plane; (7) slitting plane.

Each Plane is accompanied by seven beading tools ($\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and 1 $\frac{1}{4}$ inch), ten plow and dado bits ($\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and 1 $\frac{1}{4}$ inch), a filletster, slitting, match and sash tool; twenty-one tools in all.

The Plane is fitted with spurs for use across the grain, etc., and can be used either right or left hand.

Per Set

Cutters Only—Set of 21, as Described Above. \$6.80

CAM REST

For beading at a distance from the edge of a board, attach Cam Rest (see cut at right of plane) to the front arm between the sliding section and fence to prevent the fence sagging. In certain work attach same to the rear arm to prevent the plane from rocking.

STANLEY'S HOLLOW AND ROUNDS

For Use on No. 45 Plane Only.

Japanned Cast Iron, Polished Faces, Steel Set Screws, Complete with Cutters.

Nos.	6	8	10	12
Width of Cutters, Inches.	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1
Work Circle, Inches.	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Pair	\$2.10	2.10	2.25	2.25

Note—A Pair consists of 1 Hollow complete with Cutter and 1 Round complete with Cutter. A Hollow and its Cutter will form a Round on the moulding being worked. A Round and its Cutter will form a Hollow.

STANLEY'S NOSING TOOL

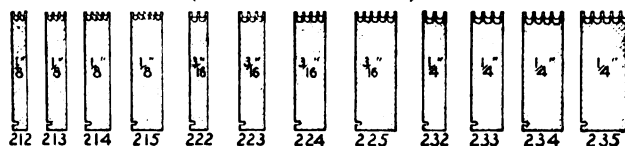
For Use on No. 45 Plane Only.

No. 5—Japanned Cast Iron Body with Polished Face, Steel Set Screws, 1 $\frac{1}{4}$ inch Cutter, Works 1 $\frac{1}{4}$ inch Circle, for Use on No. 45 Plane Only. \$1.50

A Nosing Tool and its Cutter will form what might be called an exaggerated Round. Used for shaping the edges of stair treads.

Each

EXTRA CUTTERS (REEDING TOOLS) FOR No. 45 PLANE



Nos.	212	213	214	215	222	223	224	225	232	233	234	235
Size, Inches	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
No. of Beads.	2	3	4	5	2	3	4	5	2	3	4	5
Each	\$0.30	.45	.60	.80	.30	.45	.60	.80	.30	.45	.60	.80

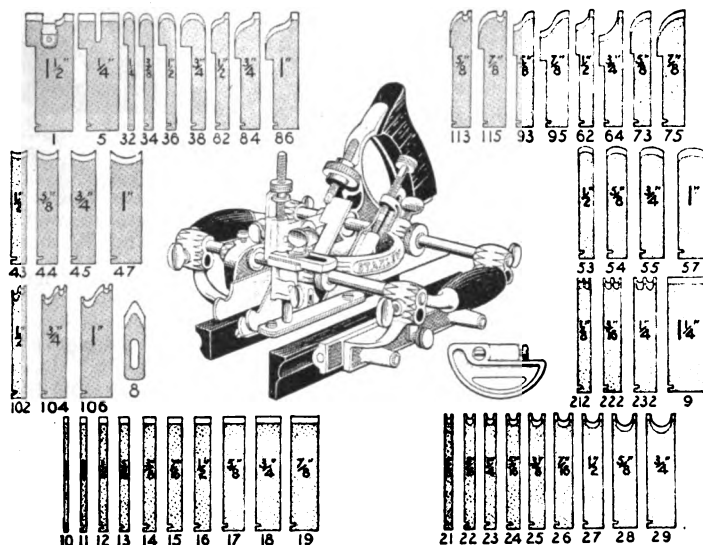
Per Dozen

No. 85—Extra Spurs, with Screws. \$0.90

ADJUSTABLE IRON PLANES

STANLEY'S PATENT UNIVERSAL COMBINATION

This Tool in the Hands of an Ordinary Carpenter Will do all the Fancy Cutting that a Full Assortment of So-Called Fancy Planes Will do.



No. 55—10 inches Long, Nickel Plated, Rosewood Handles and Fences, Complete with 52 Cutters as Described Below. . . \$24.60

Weight Each Complete 15 1/4 Pounds.

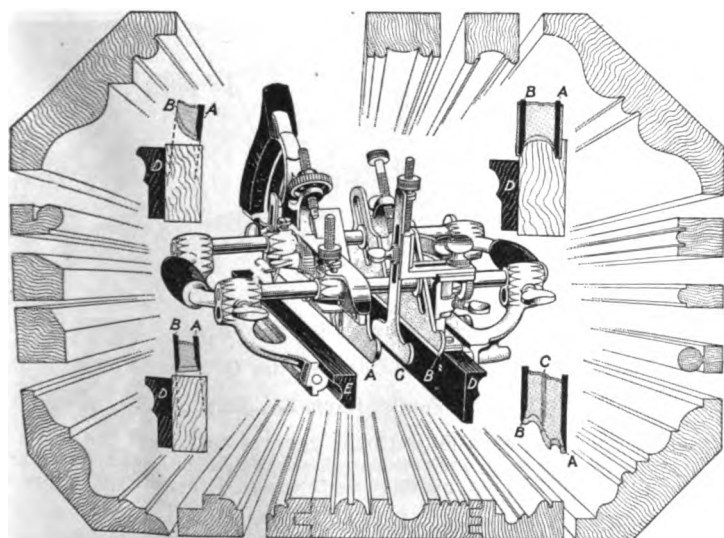
One in a Neat Steel Box, Complete with Cutters.

This tool, in addition to being a Beading and Center Beading Plane, a Plow, Dado, Rabbet, Filletster, Match Plane, Sash Plane, and a Slitting Plane, is also a superior Moulding Plane, and will accommodate Cutters of almost any shape and size.

The Following Cutters are Furnished with Each Plane:

One 1 1/2 inch Sash Tool; one 1/4 inch Match Tool; one Slitting Tool; one 1 1/4 inch Filletster; ten Plow and Dado Tools (1/8, 1/8, 1/4, 1/8, 3/8, 1/2, 5/8, 3/4 and 7/8 inch); nine Beading Tools (1/8, 1/8, 1/4, 1/8, 3/8, 1/2, 5/8 and 3/4 inch); four Fluting Tools (1/4, 3/8, 1/2 and 3/4 inch); four Hollows (1/2, 3/4, 1 and 1 inch); four Rounds (1/2, 3/4, 1 and 1 inch); two Quarter Hollows (1/2 and 3/4 inch); two Quarter Rounds (1/2 and 3/4 inch); three Reverse Ogees (1/2, 3/4 and 1 inch); two Roman Ogees (3/4 and 1 inch); three Grecian Ogees (1/2, 3/4 and 1 inch); two Quarter Rounds with Bead (3/4 and 1 inch); three Reeding Tools with two Beads (1/2, 1/8 and 1/4 inch).

The Plane is fitted with spurs for working across the grain and a special cam rest, to be located on the front arm when working at a distance from the edge of the board, to keep the fence from sagging, or on the rear arm on certain work, to prevent the possibility of the plane rocking. All parts are interchangeable.



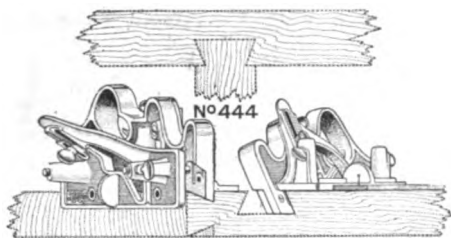
The samples of work illustrated to the left, (see cut), show some of the mouldings that can be made with cutters regularly furnished with No. 55 Plane.

The Plane has a Main Stock which carries the cutter adjustment, a Handle, a Depth Gauge, a Slitting Gauge and a steel bottom forming a bearing for one edge of the Cutter. A sliding section with a steel bottom gives bearing for the other edge of the cutter and slides on arms secured in the main stock. This bottom can be raised or lowered so that, in addition to allowing the use of cutters of different widths, cutters can be used having one edge higher or lower than the edge supported in the Main Stock. The Fences can be used on either side of the Plane, and the rosewood guides can be tilted to any desired angle up to 45 degrees, by loosening the screws on the face.

The four small cuts in the corners, show how the bottoms should be set for different forms of cutters, and the great importance of having the Fences adjusted so that the cutters will not run.

ADJUSTABLE IRON PLANES

STANLEY'S COMBINATION DOVETAIL TONGUE AND GROOVE



Each

No. 444—9 inches Long, Nickel Plated, Complete with Three Sizes of Cutters for Forming Grooves, the Smaller Size for $\frac{1}{2}$ and $\frac{3}{8}$ inch, the Middle Size for $\frac{3}{4}$ and $\frac{7}{8}$ inch, and the Largest Size for 1 to 2 inch Boards\$9.60

This novel tool accomplished a result sought for many years by wood workers in general, namely, to form a dovetailed tongue and groove with one hand tool.

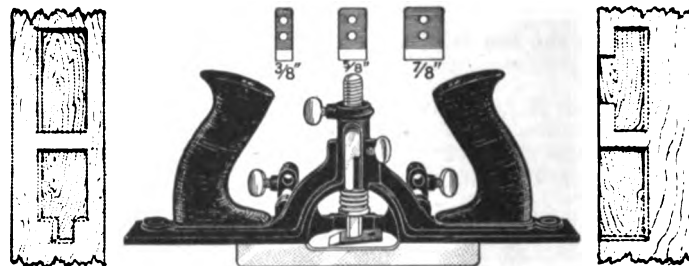
It will cut any size grooves and tongues to fit with sides at flare of 20 degrees, where the width of the neck is more than one-quarter of an inch and the depth of groove not more than three-quarter of an inch. The tongue and groove are cut separately, and can be made with parallel or tapering sides.

The cut on the left shows the Plane assembled for cutting the tongue, and that on the right the Plane assembled for cutting the groove. All parts are carefully machined and are interchangeable. The operation of the Plane is simple.

Weight Each 6 Pounds.

One in a Box.

STANLEY'S DOOR TRIM



Each

No. 171—11 inches Long, Japanned Stock, Rosewood Handles, Complete with Three Forged Steel Cutters, $\frac{3}{8}$, $\frac{5}{8}$ and $\frac{7}{8}$ inch Wide.....\$4.10

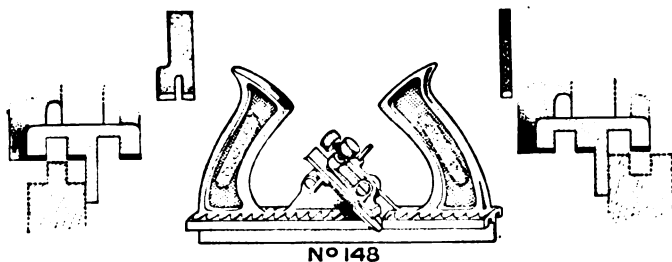
This Plane will make mortises for butts, face plates, strike plates, escutcheons, etc., up to a depth of $\frac{3}{4}$ inch, and a width of 3 inches. Its original feature is the method of mounting the cutter, which can be instantly set to work from either end of the Plane or across it. In addition, the cutter is cushioned by a spring which prevents taking a heavier chip than can be easily carried. A fence regulates the position of the cut and insures the sides of the cut being parallel. The depth of the cut is governed by a positive stop.

By removing the fence and locking the cutter post with the thumb screw instead of using the spring a very superior Router Plane is obtained. The bottom is designed so that an extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings.

Weight Each 3 Pounds.

One in a Box.

STANLEY'S DOUBLE END MATCHING



Nickel Plated Iron Handles and Body.

Each

No. 146—Cuts $\frac{1}{8}$ inch Grooves on $\frac{3}{8}$ to $\frac{1}{2}$ inch Boards, Centers on $\frac{3}{8}$ inch, Weight Each 1 $\frac{1}{2}$ Lbs.....\$3.10

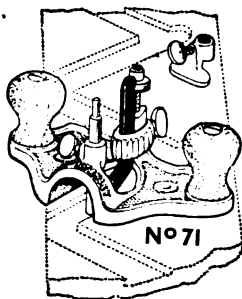
No. 147—Cuts $\frac{3}{8}$ inch Groove on $\frac{1}{2}$ to $\frac{3}{4}$ inch Boards, Centers on $\frac{5}{8}$ inch, Weight Each 2 Lbs..... 3.10

No. 148—Cuts $\frac{1}{4}$ inch Groove on $\frac{3}{4}$ to 1 inch Boards, Centers on $\frac{7}{8}$ inch, Weight Each 2 $\frac{1}{2}$ Lbs..... 3.10

These Planes have two separate cutters, a plow and a tongue tool, both governed by one permanent fence. The tongue tool has one edge wider than the other, which overhangs one side when tonguing on center. Both tongue and groove are cut by working the tool in the same direction, by merely reversing it end for end.

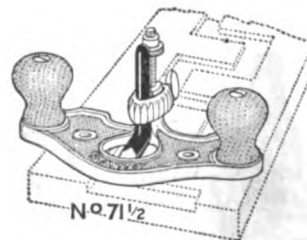
One in a Box.

STANLEY'S ROUTER



Each

No. 71—7 $\frac{1}{2}$ inches Long, Open Throat, Nickel Plated, $\frac{1}{4}$ and $\frac{1}{2}$ inch Cutters, Complete with Two Attachments, One for Regulating the Thickness of the Chip, the Other for Closing the Throat for Use on Narrow Surfaces, Weight Each 2 $\frac{3}{4}$ Lbs.....\$3.20



Each

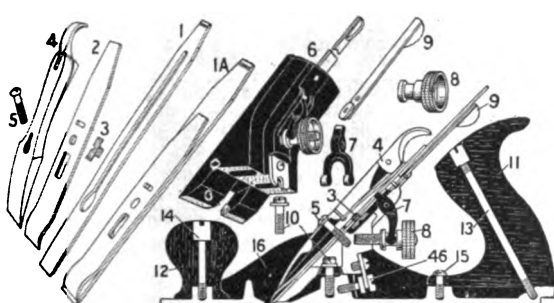
No. 71 $\frac{1}{2}$ —7 $\frac{1}{2}$ inches Long, Closed Throat, Nickel Plated, $\frac{1}{4}$ and $\frac{1}{2}$ inch Cutters, the Ordinary Form of Router Plane, Weight Each 2 $\frac{3}{4}$ Lbs.....\$2.50

These Planes are for surfacing the bottom of grooves or other depressions parallel with the general surface of the work. The bottoms of both styles are designed so that an extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings. The cutters have screw adjustment, and can be held as shown in above illustrations, or on the back of the cutter post, for bull-nose work.

One in a Box.

EXTRA PARTS FOR STANLEY PLANES

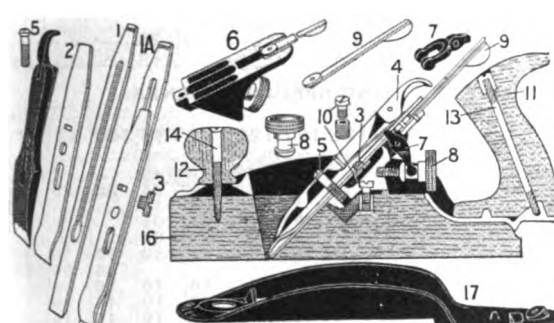
"BAILEY" IRON PLANES.



NO.	NAME OF PART	NO. OF PLANE	1	2	3	4	5	6	7	8
			1	2c	3c	4c	5c	6c	7c	8c
1A	Double Plane Iron.....		\$0 32	0 35	0 38	0 42	0 48	0 42	0 47	0 48
1	Single ".....		18	21	23	25	28	28	29	29
2	Plane Iron Cap.....		14	14	15	17	19	17	19	19
3	Cap Screw.....		05	05	05	05	05	05	05	05
4	Lever Cap.....		25	25	25	25	25	25	25	25
5	" Screw.....		05	05	05	05	05	05	05	05
6	Frog Complete.....		35	35	35	35	35	35	35	35
7	"V" Adjusting Lever.....		05	05	05	05	05	05	05	05
8	Adjusting Nut.....		10	10	10	10	10	10	10	10
9	Lateral Adj. Lever.....		10	10	10	10	10	10	10	10
10	Frog Screw.....		05	05	05	05	05	05	05	05
11	Plane Handle.....		20	20	20	20	20	20	20	20
12	" Knob.....		15	15	15	15	15	15	15	15
13	Handle Bolt & Nut.....		10	10	10	10	10	10	10	10
14	Knob " ".....		10	10	10	10	10	10	10	10
15	Plane Handle Screw.....		05	05	05	05	05	05	05	05
16	Plane Bottom.....		65	85	1 00	1 00	1 20	1 20	1 65	2 35
46	Frog Adj. Screw.....		05	05	05	05	05	05	05	05

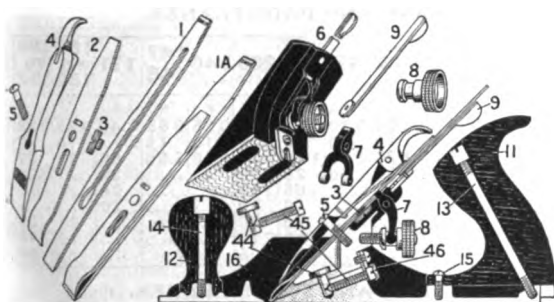
Note—When Ordering Extra Bottoms or Frogs for "Bailey" Iron Planes Always State Whether the Old or New Style Bottoms or Frogs are Wanted.

"BAILEY" WOOD PLANES.



NO.	NAME OF PART	NO. OF PLANE	21	22	23	24	25	26	27	27½	28	29	30	31	32	33	34	36	37
1A	Double Plane Iron.....		\$0 38	0 42	0 42	0 45	0 47	0 48	0 48	0 48	0 48	0 48	0 48	0 48	0 48	0 48	0 48	0 48	0 48
1	Single ".....		23	25	25	27	28	29	29	29	29	29	29	29	29	29	29	29	29
2	Plane Iron Cap.....		15	17	17	19	19	19	19	19	19	19	19	19	19	19	19	19	19
3	Cap Screw.....		05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05
4	Lever Cap.....		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	" Screw.....		05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05
6	Frog Complete.....		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
7	"V" Adjusting Lever.....		05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05
8	Adjusting Nut.....		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	Lateral Adj. Lever.....		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	Frog Screw & Bush'g.....		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	Plane Handle.....		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	" Knob.....		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	Handle Bolt & Nut.....		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	Knob " ".....		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	Plane Bottom.....		40	40	50	50	50	70	80	80	85	85	85	85	85	85	85	85	85
17	Top Casting.....		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

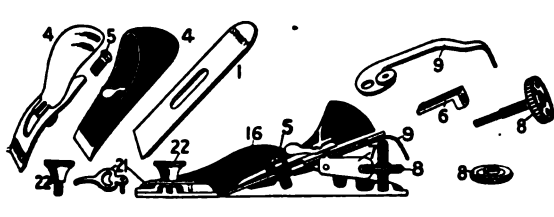
"BED ROCK" PLANES.



NO.	NAME OF PART	NO. OF PLANE	602	603	604	604½	605	605½	606	607	608	608	608
1A	Double Plane Iron.....		\$0 35	0 38	0 42	0 48	0 42	0 47	0 48	0 48	0 50	0 50	0 50
1	Single ".....		21	23	25	29	25	28	29	29	32	32	32
2	Plane Iron Cap.....		14	15	17	19	17	19	19	19	19	18	18
3	Cap Screw.....		05	05	05	05	05	05	05	05	05	05	05
4	Lever Cap.....		30	30	30	30	30	30	30	30	30	30	30
5	" Screw.....		05	05	05	05	05	05	05	05	05	05	05
6	Frog Complete.....		50	50	50	50	50	50	50	50	50	50	50
7	"V" Adjusting Lever.....		05	05	05	05	05	05	05	05	05	05	05
8	Adjusting Nut.....		10	10	10	10	10	10	10	10	10	10	10
9	Lateral Adj. Lever.....		10	10	10	10	10	10	10	10	10	10	10
11	Plane Handle.....		20	20	20	20	20	20	20	20	20	20	20
12	" Knob.....		15	15	15	15	15	15	15	15	15	15	15
13	Handle Bolt & Nut.....		10	10	10	10	10	10	10	10	10	10	10
14	Knob " ".....		10	10	10	10	10	10	10	10	10	10	10
15	Plane Handle Screw.....		05	05	05	05	05	05	05	05	05	05	05
16	Plane Bottom.....		1 10	1 25	1 25	1 50	1 50	1 60	2 20	3 05	3 50	3 50	3 50
44	Frog Pin.....		10	10	10	10	10	10	10	10	10	10	10
45	Frog Clamping Screw.....		05	05	05	05	05	05	05	05	05	05	05
46	Frog Adjusting Screw.....		05	05	05	05	05	05	05	05	05	05	05

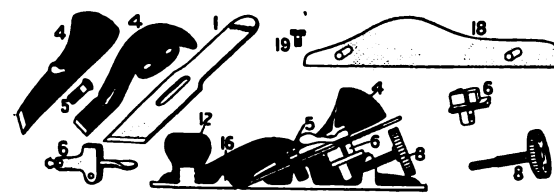
Note—When Ordering Extra Bottoms or Frogs for "Bed Rock" Planes Always State Whether the Old or New Style Bottoms or Frogs are Wanted.

"BAILEY" AND STANLEY BLOCK PLANES.



NO.	NAME OF PART	NO. OF PLANE	9½	15	16	17	18	19	60	60½	61	65	65½
1	Single Plane Iron.....		\$0 17	0 17	0 17	0 17	0 17	0 17	0 17	0 17	0 17	0 17	0 17
4	Lever Cap.....		10	10	15	20	20	15	10	15	15	10	10
5	" Screw.....		05	05	05	05	05	05	05	05	05	05	05
6	Frog Complete.....		05	05	05	05	05	05	05	05	05	05	05
7	Adjusting Lever.....		05	05	05	05	05	05	05	05	05	05	05
8	Adjusting Nut.....		10	10	10	10	10	10	10	10	10	10	10
9	Lateral Adj. Lever.....		10	10	10	10	10	10	10	10	10	10	10
11	Plane Handle.....		25	25	25	25	25	25	25	25	25	25	25
16	Plane Bottom.....		70	75	75	70	75	60	60	40	75	75	75
21	Eccentric Plate.....		10	10	10	10	10	10	10	10	10	10	10
22	Finger Rest Knob.....		10	10	10	10	10	10	10	10	10	10	10

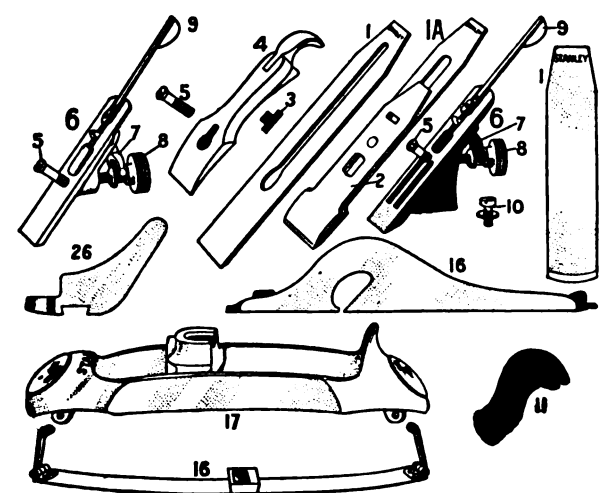
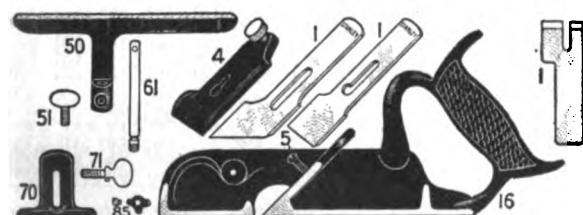
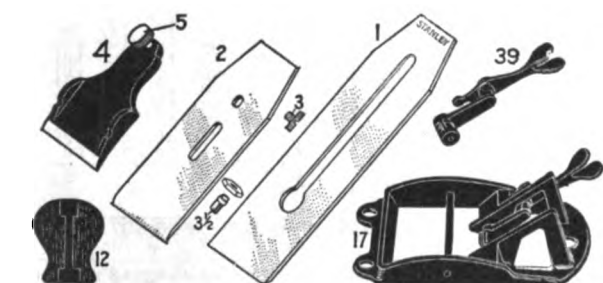
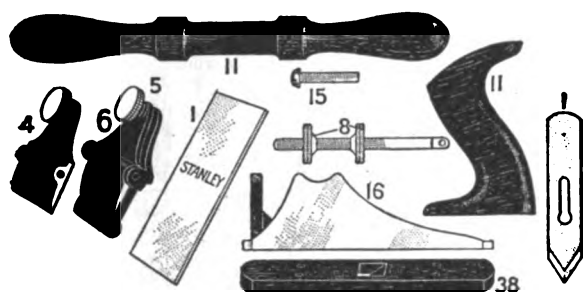
STANLEY BLOCK PLANES.



NO.	NAME OF PART	NO. OF PLANE	100	101	102	103	110	120	130	131	140	203	220
1	Single Plane Iron.....		\$0 05	0 10	0 10	0 13	0 17	0 13	0 17	0 20	0 20	0 20	0 17
4	Lever Cap.....		05	10	10	10	10	10	10	10	15	10	10
5	" Screw.....		05	05	05	05	05	05	05	05	05	05	05
6	Frog Complete.....		05	05	05	05	05	05	05	05	05	05	05
8	Adjusting Nut.....		10	10	10	10	10	10	10	10	10	10	10
12	Plane Knob.....		10	10	10	10	10	10	10	10	10	10	10
16	Plane Bottom.....		10	15	20	25	30	35	70	75	25	30	30
18	Detachable Side.....		10	10	10	10	10	10	10	10	10	10	10
19	Side Screw (Pair).....		10	10	10	10	10	10	10	10	10	10	10

Note—Always Give Plane Number and Part Number when Ordering Cutters or Parts.

EXTRA PARTS FOR STANLEY PLANES



SCRAPER AND CHAMFER PLANES.

NO.	NAME OF PART	NO. OF PLANE	12 1/2	12 1/4	112	212	85	87	56	67	72	72 1/2
1	Single Plane Iron.....		\$0 20	0 20	0 20	0 20	0 20	0 20	0 25	0 30	0 20	0 20
4	Lever Cap.....		25	25	20	10	20	20	15	15	10	10
6	" " Screw.....								05	05	05	05
8	Frog Complete.....		60	70	35	10	30	30				
10	Adjusting Nut.....		10	10	10							
11	Frog Screw.....						05	05				
12	Plane Handle.....		50	50	20		25	20	20	10	30	30
13	" Knob.....				15	20	20	20		10	15	15
14	Handle Bolt & Nut.....				10	10	10	10		10	10	10
15	Knob.....				10	10	10	10		10	10	10
16	Plane Handle Screw.....		05	05								
18	Plane Bottom.....		1 20	80	1 20	60	1 00	80	1 00	2 50	1 50	1 50
38	Extra Wood Bottom.....		50									

RABBIT AND ROUTER PLANES.

NO.	NAME OF PART	NO. OF PLANE	90 92	93	94	196	98	99	71	71 1/2	75	95
1	Single Plane Iron.....		\$0 30	0 30	0 30	0 25	0 20	0 20	0 30	0 30	0 20	0 20
4	Lever Cap.....		15	15	15	10	10	10	10	10	10	10
12	Plane Knob.....					15	15	15	15	15		
14	Knob, Bolt & Nut.....											
16	Plane Bottom.....		1 75	2 10	2 50	1 20	60	60	1 00	1 00	30	80
27	Cutter Bolt Adj. Screw.....		20	20	20							
47	Extra Attachment.....								25	25		
48	Collar.....								25	25		

LEVER ADJUSTMENT AND SPECIAL PLANES.

NO.	NAME OF PART	NO. OF PLANE	104	105	122	127	129	132	135	340	62	97
1A	Double Plane Iron.....		\$0 45	0 45	0 38	0 45	0 48	0 50	0 45			
1	Single.....		27	27	23	27	29	32	27	30	30	45
2	Plane Iron Cap.....		18	18	15	18	19	18	18			
3	Cap Screw.....		05	05	05	05	05	05	05			
3 1/2	Adj. Stud & Nut.....		05	05	05	05	05	05	05			
4	Lever Cap.....		10	10	10	10	10	10	10	10	15	15
5	" " Screw.....									05	05	05
11	Plane Handle.....		20	20		10	10	10	10	10	30	
12	" Knob.....		15	15	10	10	10	10	10	15	15	15
13	Handle Bolt & Nut.....		10	10		10	10	10	10	10	10	
14	Knob.....		10	10						10	10	10
15	Plane Handle Screw.....					05	05	05	05			
16	Plane Bottom.....		85	1 35	40	45	70	85	40	80	1 75	1 00
17	Top Casting.....				30	30	30	30	30			
21	Eccentric Plate.....										10	
22	Finger Rest Knob.....										25	
39	Lever Adjustment.....		20	20	20	20	20	20	20			

RABBIT, MATCHING AND DADO PLANES.

NO.	NAME OF PART	NO. OF PLANE	39	48	49	78	289	146	147 148	171	180 TO 182	190 TO 192
1	Single Plane Iron (*set).....		\$0 20	0 20	0 20	0 20	0 30	0 65	0 65	*	40	0 20
4	Lever Cap.....		10	10	10	10	10	15	15		10	10
18	Plane Bottom.....		1 20	1 20	2 00	1 00	1 20	1 50	1 50	90	75	90
50	Fence.....			50	50	25	20	150	150	30		
51	Fence Thumb Screw.....					05	05			05		
61	Short Arm.....					10	10			20		
70	Adj. Depth Gauge.....		20			20	20				20	20
71	Depth Gauge Th. Screw.....		10			10	10				10	15
85	Spurs with Screws.....		10			05	05					00

CARRIAGE, CIRCULAR AND SCRUB PLANES.

NO.	NAME OF PART	NO. OF PLANE	10 10c	10 1/4	10 1/2 C	11 1/2	113 20 1/2	40	40 1/2	51	74
1A	Double Plane Iron.....		\$0 45	0 45	0 45	0 48	0 38	0 38		0 48	0 50
1	Single.....		27	27	27	29	23	23	20	25	29
2	Plane Iron Cap.....		18	18	18	19	15	15		19	18
3	Cap Screw.....		05	05	05	05	05	05		05	05
4	Lever Cap.....		25	25	25	25	25	25	10	10	25
5	" " Screw.....		05	05	05	05	05	05	05	05	10
6	Frog Complete.....		35	35	35	35	35	35		35	
7	"Y" Adjusting Lever.....		08	05	05	05	05	05		05	
8	Adjusting Nut.....		10	10	10	10	10	10		10	
9	Lateral Adj. Lever.....		10	10	10	10	10	10		10	
10	Frog Screw.....		05	05	05	05	05	05		05	
11	Plane Handle.....		20	40	20	30			10	10	20
12	" Knob.....		15	30	15				10	10	15
13	Handle Bolt & Nut.....		10	10	10				10	10	10
14	Knob.....		10	10	10				10	10	10
16	Plane Bottom.....		1 65	1 50	1 50	1 30	60	60	70	1 00	3 00
17	Top Casting.....						1 00	1 50			2 20
28	Frog Seat.....						50	50			
35	Bottom Adj. Screw.....						50	25			
36	" " Nut.....						25				

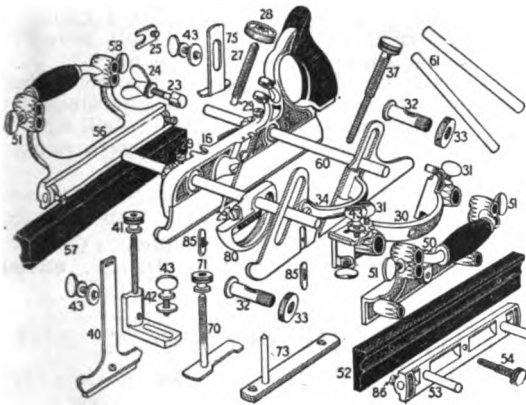
NOTE:

In several of the Planes, the Parts designated by the same name differ in form.

In these cases the corresponding Parts are given the same number; and when the Part is not shown directly opposite the number of the Plane, it will be found in another place on the plate.

Always give Plane number and Part number when ordering Cutters or Parts.

EXTRA PARTS FOR STANLEY COMBINATION PLANES

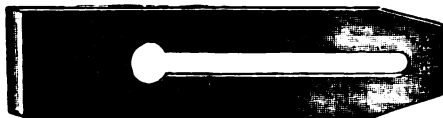


Name of Part	Planes Nos.	45	46	47	50	55	141	143	444
No. 1—Cutters.....per set,		\$3.50	\$2.00	\$1.00	\$1.75	\$6.00	\$2.00	\$1.25	
No. 16—Main Stock or Bottom.....		2.50	2.50	2.50	1.25	3.00	3.00	2.50	
No. 23—Cutter Bolt.....		.15	.15	.15	.15	.15	.15	.15	
No. 24—Cutter Bolt Wing Nut.....		.15	.15	.15	.15	.15	.15	.15	
No. 25—Cutter Bolt Clip and Screws.....		.05	.05	.05	.05	.05	.05	.05	
No. 27—Cutter Bolt Adjusting Screws.....		.10	.10	.10	.10	.10	.10	.10	
No. 28—Cutter Bolt Adjusting Wheel.....		.10	.10	.10	.10	.10	.10	.10	
No. 30—Sliding Section.....		1.50	1.50	1.50	.30	.75	.75	.75	
No. 32—Thimble.....		.15	.15	.15	.15	.15	.15	.15	
No. 33—Thimble Check Nut.....		.15	.15	.15	.15	.15	.15	.15	
No. 34—Adjustable Bottom.....						1.25			
No. 37—Adjustable Bottom Screw.....						.20			
No. 40—Auxiliary Center Bottom.....						.30			
No. 42—Angle Iron and Adjusting Screws.....						.30			
No. 50—Left Fence.....		.75	.75	.75	.75	1.35	1.00	1.00	
No. 52—Tilting Guard Plate (Wood).....						.20			
No. 53—Tilting Iron with Swivel.....						.40			
No. 54—Left Fence Adjusting Screw.....						.20			
No. 56—Right Fence.....						1.00		1.25	
No. 57—Right Fence Tilting Plate.....						.20			
No. 60—Long Arms.....per pair,		.50	.50	.50	.50	.50	.50	.50	
No. 61—Short Arms.....per pair,		.25	.25	.25	.25	.25	.25	.25	
No. 70—Adjustable Depth Gauge.....		.20	.20	.20	.20	.20	.20	.20	
No. 73—Adjustable Beading Stop.....		.20	.20	.20	.20	.30			
No. 75—Slitting Cutter Stop.....		.10	.10	.10	.10	.10			
No. 80—Cam Stop.....		.40	.40	.40	.40	.40			
No. 85—Spurs with Screws.....		.05	.05	.05	.05	.05		.05	

Screws Nos. 29, 31, 41, 43, 51, 53, 71, 76, 81 and 86, 10 cents Each.

PLANE IRONS

SINGLE



BAILEY'S

Width, Inches.....	1 1/4	1 1/2	1 3/4	2
Each.....	\$0.18	.21	.23	.25
Width, Inches.....	2 1/4	2 1/2	2 3/4	2 5/8
Each.....	\$0.27	.28	.29	.32

STANLEY'S

Width, Inches.....	1 1/4	2 1/4	2 3/4	2 5/8
Each.....	\$0.23	.27	.29	.32

No. 253—OHIO TOOL CO.'S, POLISHED

Width, Inches...	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/4
Per Dozen...	\$2.50	2.75	2.75	2.95	3.15	3.35
Width, Inches...	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4	3
Per Dozen.....	\$3.70	4.10	4.50	4.90	5.50	7.00

No. 217—BARTON'S POLISHED

Width, Inches.....	1 1/2	1 1/4	1 1/2	2	2 1/4
Per Dozen.....	\$2.50	2.75	2.95	3.15	3.35
Width, Inches.....	2 1/4	2 1/2	2 3/4	2 5/8	2 3/4
Per Dozen.....	\$3.70	4.10	4.50	4.90	5.50

SARGENT'S

Width, Inches.....	1 1/4	2	2 1/2	2 5/8
Per Dozen.....	\$4.20	4.80	5.40	6.00

CHAPLIN'S SINGLE

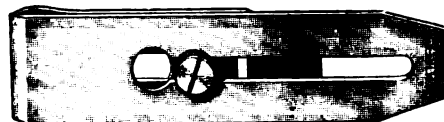
Width, Inches.....	2	2 1/4	2 1/2	2 3/4
Per Dozen.....	\$8.25	8.50	8.75	9.25

TOOTH



Width, Inches.....	2	2 1/4	2 1/2
Per Dozen.....	\$7.00	7.50	8.50

DOUBLE



BAILEY'S

Width, Inches.....	1 1/4	1 1/2	1 3/4	2
Each.....	\$0.32	.35	.38	.42
Width, Inches.....	2 1/4	2 1/2	2 3/4	2 5/8
Each.....	\$0.45	.47	.48	.50

STANLEY'S

Width, Inches.....	1 1/4	2 1/4	2 3/4	2 5/8
Each.....	\$0.38	.45	.48	.50

No. 254—OHIO TOOL CO.'S, POLISHED

Width, Inches...	1½	1¾	1¾	1¾	2	2½
Per Dozen.....	\$5.50	6.00	6.00	6.25	6.45	6.65
Width, Inches...	2¼	2¾	2½	2¾	2¾	3
Per Dozen.....	\$7.00	7.40	8.20	9.00	10.15	11.70

No. 218—BARTON'S POLISHED

Width, Inches.....	1 1/2	1 1/4	1 1/2	2	2 1/4
Per Dozen.....	\$5.50	6.00	6.25	6.45	6.65
Width, Inches.....	2 1/4	2 1/2	2 3/4	2 5/8	2 3/4
Per Dozen.....	\$7.00	7.40	8.20	9.00	10.15

SARGENT'S

Width, Inches.....	2	2 1/2	2 5/8
Per Dozen.....	\$7.80	9.00	9.60

SCRUB



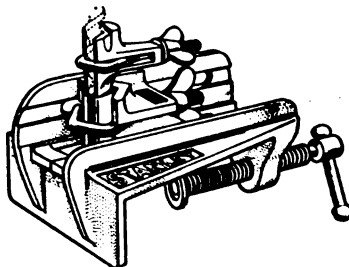
Width, Inches.....	1	1 1/4	1 1/2	1 3/4
Per Dozen.....	\$3.00	3.50	4.00	4.50

DOWELING JIGS

STANLEY'S

This tool is for the purpose of enabling the user to bore dowel holes in the edge, end or surface of work with ease and accuracy. It will take any thickness of material up to 3 inches. It is also an excellent bit guide for mortising.

When making dowel holes with only a brace and bit it is also necessary to use a square to insure the hole being bored perpendicular to the edge of the stock, and even then more than ordinary skill is required to produce perfect work.



With the Doweling Jig the steel guide is automatically set to guide the bit properly when the Jig is clamped to the work.

If drill bits are used there will be no danger of boring out of line, even in cross-grain wood or through knots, and the use of drill bits is recommended for quick and accurate work.

No. 59—Made Entirely of Metal, Nickel Plated, Working Parts Milled True, Complete with Five Steel Guides, 1 1/4 inch Long, One Each 1/4, 5/16, 3/8, 7/8 and 1/2 inch, Also Depth Gauge which can be Used with or without the Jig. . . . \$3.00
Each
Weight Each 1 1/2 Pounds.
One in a Box.

DOWEL SHARPENERS

STANLEY'S



No. 22—4 inches Long, 1 inch Tip, Malleable Iron, Nickel Plated \$3.50
Cuts very rapidly and can be readily resharpened.

Weight Per Dozen 1 1/2 Pounds.

One-half Dozen in a Box.

DOWEL PLATES

JOHNSON'S



Carbon Steel, Full Polished.

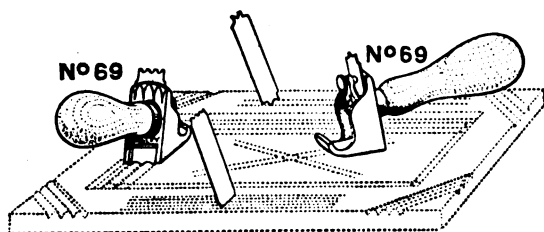
No. 78—6 inches Long, 1 1/2 inches Wide, 3/8 inch Thick, with 5 Holes, 1 Each 1/4, 5/16, 3/8, 7/8 and 1/2 inch Diameter \$5.50

Weight Per Dozen 12 Pounds.

One-half Dozen in a Box.

HAND BEADERS

STANLEY'S SINGLE HANDED



No. 69—5 inches Long, Nickel Plated Metal Body, Maple Handle, Complete with 6 Steel Cutters and 1 Blank \$12.50

A very handy little article. With it one can do all kinds of straight beading, reeding or fluting.

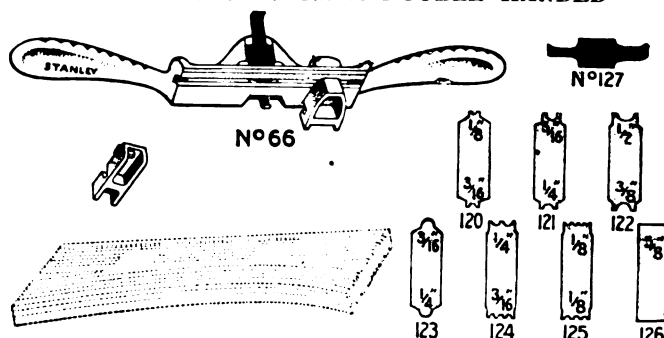
Both ends of the cutters are sharpened, thus embracing six ordinary sizes of beads, two fluters and four sets of reeds.

The sample of work shown in connection with the tool illustrates some of the usages to which it can be put.

Weight Per Dozen 4 1/2 Pounds.

One-twelfth Dozen in a Box.

STANLEY'S UNIVERSAL DOUBLE HANDED



No. 66—11 1/2 inches Long, Nickel Plated Metal Body and Handles, Raised Handles, Complete with 7 Steel Cutters and 1 Blank, a Square Gauge for Straight Work and an Oval Gauge for Curved Work \$16.50

For beading, reeding or fluting straight or irregular surfaces and for light routing.

Both ends of the cutters are sharpened, thus embracing six ordinary sizes of beads, two fluters, four sets of reeds and a double router iron.

Weight Per Dozen 16 1/2 Pounds.

One-twelfth Dozen in a Box.

CABINET SCRAPERS

RICHARDSON'S HAND



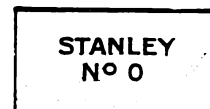
No. 01—Extra Quality Saw Steel, Polished.
Size, Inches 2x5 2 1/2 x5 3x5
Per Dozen \$1.00 1.00 1.25
Size, Inches 3x6 4x6
Per Dozen \$1.25 1.75
One Dozen in a Box.

ATKIN'S HAND



No. 1—High Grade Special 20 Gauge Steel, Sheared Edges, Polished.
Size, Inches 3x6
Per Dozen \$1.80
One Dozen in a Box.

STANLEY'S HAND



No. 0—High Grade English Steel, Tempered and Polished.
Size, Inches 2 1/2 x5 3x5
Per Dozen \$3.50 4.25
Size, Inches 3x6 3 1/2 x6
Per Dozen \$4.50 5.00
One-half Dozen in a Box.

CABINET SCRAPERS

STANLEY'S



No. 80—11 inches Long, 2 3/4 inch Tool Steel Blade, One Piece Iron Body and Raised Handles, Japanned... \$17.50
 Extra Blades, 2 3/4 inches Wide..... 2.50
 The blade of this scraper may be sprung to a slight curve by means of a thumb screw, giving ease of operation and quickness of cut.

Weight Per Dozen 20 Pounds.
 One-twelfth Dozen in a Box.

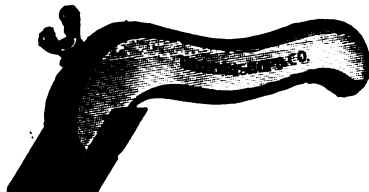
STANLEY'S ROLLER



No. 83—9 1/2 inches Long, 3 inch Tool Steel Blade, Nickel Plated Frame, Beechwood Handle..... \$16.00
 Extra Blades, 3 inches Wide..... 2.50
 This Scraper has a roller back of the blade which acts as a support to relieve the strain on the wrist of the workman. The handle can be detached for working into corners.

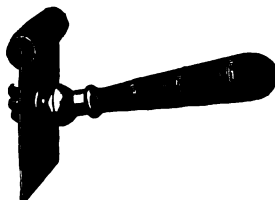
Weight Per Dozen 15 Pounds.
 One-twelfth Dozen in a Box.

BISHOP'S



No. 2—3x3 inch Polished Tool Steel Blade, 12 inch Plain Beechwood Handle, Malleable Iron Clamp and Screw \$6.00
 Extra Blades, 3x3 inches..... 3.00
 An inexpensive, but good cabinet scraper.
 Weight Per Dozen 9 Pounds.
 One-half Dozen in a Box.

UNIVERSAL ADJUSTABLE

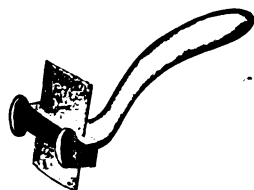


No. 194—9 1/4 inches Long, High Grade Steel Blade with Eight Cutting Edges and Removable Wood Grip, Ball Joint, Hardwood Handle \$19.00
 Extra Blades 3.50

The ball joint connection brings any edge of the blade instantly in use. The grip may be instantly slipped on or off either side or end of the blade.

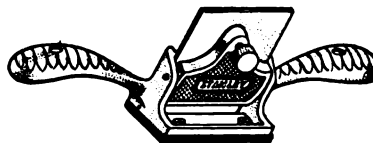
Weight Per Dozen 15 Pounds.
 One-twelfth Dozen in a Box.

FOX.



No. 8—10 inches Long, 2x3 inch High Grade Oil Tempered Steel Blade, Rigidly Held with a Small Knife Plate and Fastened with Two Thumb Screws, Grey Iron Frame and Handle... \$6.00
 Extra Blades..... 2.50

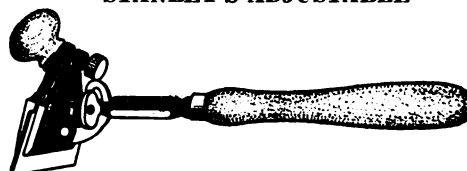
Weight Per Dozen 7 Pounds.
 One Dozen in a Box.



No. 81—10 inches Long, 2 1/2 inch Tool Steel Blade, Rosewood Face, One Piece Iron Body and Raised Handles, Nickel Plated..... \$25.00
 Extra Blades, 2 1/2 inches Wide..... 2.50
 This Scraper has a rosewood face for use in the finest cabinet work.

Weight Per Dozen 27 Pounds.
 One-twelfth Dozen in a Box.

STANLEY'S ADJUSTABLE



No. 82—14 1/2 inches Long, 3 inch Tool Steel Blade, Japanned Iron Frame, Hardwood Handle and Knob \$17.50
 Extra Blades, 3 inches Wide..... 2.50
 This Scraper has an adjustable handle which can be tilted to give the blade any angle desired. Special blades of different forms and widths can be securely held in any position required.

Weight Per Dozen 21 Pounds.
 One-twelfth Dozen in a Box.

PERFECTION ADJUSTABLE



No. 200—3x3 inches, 16 Gauge Beveled Silver Steel Blade, Nickel Plated Malleable Iron Holder, Polished Hardwood Handle, Brass Ferrule..... \$18.00
 Extra Blades, 3x3 inches..... 3.00
 For cabinet work, floors, etc.
 Weight Per Dozen 19 Pounds.
 One-half Dozen in a Box.

BENNETT'S ADJUSTABLE

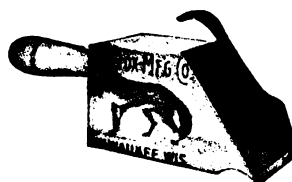


No. 10—Bennett's, 12 inches Long, 5x3 inch Polished Tool Steel Blade, Nickel Plated Steel Frame, Beechwood Grip and Handle \$14.00
 Position of blade or handle changed instantly to suit the work. Adapted to the use of any blade 3 inches wide, which can be used to the last inch.

Weight Per Dozen 17 Pounds.
 One-twelfth Dozen in a Box.

FOX

Maple Frame and Handle, Var-nished, Handy Clamp, Adjustable Steel Blade.



No. 13—6 inches Long, 3 1/2 inches High, 3 1/2 inches Wide, 3 1/4 inch Blade... \$18.00
 Extra Blades..... 7.50

The handiest scraping tool on the market. The body slides on the wood, insuring a cut of uniform depth. Blade is fastened with a handy clamp and can be adjusted or reversed in a second's time.

Weight Per Dozen 36 Pounds.
 One-twelfth Dozen in a Box.

FLOOR SCRAPERS

FOX

One Piece Grey Iron Frame, Rubber Tired Iron Wheels, Adjustable and Telescopic Maple Handle.

Each

Fox Junior—Height of Frame 5 inches, Width 4½ inches, Length 16½ inches, Complete with One Burnisher, One Wrench, One Stone and Four 3x4 inch Knives, Weight of Frame 52 Pounds.....

\$21.00

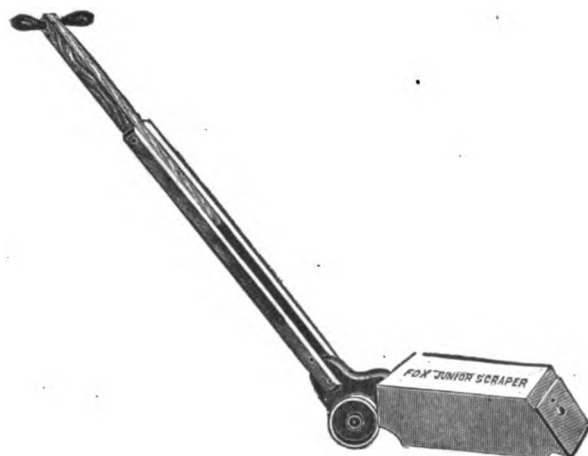
Per Dozen

\$11.00

Extra Blades

The front of frame is planed for knife and when knife is placed in machine for operating, it is covered with a rubber cushion 3 inches wide, 5 inches long and ¼ inch thick, which lays over knife to eliminate any possible jar and prevent chattering. Both knife and rubber cushion are held with a steel plate, bolted to front of machine with a ½x1½ inch square head cap screw. The bottom of frame is corrugated and when in operation slides on floor like a plane, thus insuring uniform cut.

Weight Each Boxed 72 Pounds.



Fox Junior.

Cast Iron Frame, Planed and Corrugated Bottom, 5 inch Rubber Tired Wheels, 38 inch Adjustable Handle.

Each

No. 4—Height of Frame 5 inches, Width 6 inches, Length 12 inches, Cutting Edge of Blade 6 inches, Complete with 6 Blades, 1 Burnishing Steel, 1 Hone, 1 Wrench and 1 Form for Holding Blades when Re-Sharpening.....

\$25.00

Per Dozen

\$18.00

Extra Blades Works equally well on all hardwood flooring and is well adapted for scraping old floors. The wheels are set in so that the knife will cut close up to baseboards and into corners. A rubber pad is placed over the blade, which prevents chattering or leaving waves.

Weight Each Boxed 100 Pounds.



No. 4.

One Piece Grey Iron Frame, Rubber Tired Iron Wheels, Adjustable and Telescopic Maple Handle.

Each

No. 1—Height of Frame 4¼ inches, Width 9 inches, Length 15 inches, Complete with One Wrench, One 10 inch Mill File, One Oil Stone, One Burnisher, One Clamp for Holding Knife while Filing and Sharpening, Four 3x9 inch Finishing Knives, Three 3x4 inch Old Floor Knives, One 3x9 inch Polishing Knife and Directions, Weight of Frame 52 Lbs.....

\$36.00

Per Dozen

\$18.00

Extra Blades

Weight Each Boxed 95 Pounds.



No. 1.

One Piece Grey Iron Frame, Rubber Tired Iron Wheels, Adjustable and Telescopic Maple Handle, with Adjustable Weight.

Each

No. 3—Height of Frame with Weight 8 inches, Width 9 inches, Length 18 inches, Complete with One Wrench, One Burnisher, One File, One Oil Stone, One Clamp for Holding Knife while Filing and Sharpening, Six Old Floor Knives, Twelve Crown Knives, One Special Knife, Substitute for Sander, and Directions, Weight of Frame and Weight 125 Lbs.....

\$54.00

Per Dozen

\$18.00

Extra Blades

Weight Each Boxed 135 Pounds.



No. 3.

These machines will scrape and surface all kinds of flooring, old or new, and any kind of wood: Oak, maple, yellow pine, fir, ash, birch, etc.

The front of frame is planed for knife and when knife is placed in machine for operating, it is covered with a rubber cushion 9 inches long, 4 inches wide and ¼ inch thick, which lays over knife to eliminate any possible jar and prevent chattering. The knife and rubber cushion are held with a steel plate bolted to front of machine with three ½x1½ inch square head cap screws.

A great feature of No. 1 Scraper is that when in operation, 80 per cent of the entire weight is on the knife exactly where it is required, and when not in operation, the knife is automatically raised, thus preventing it from marring the floor.

The special feature of No. 3 Scraper in addition to 80 per cent of the weight resting on the knife, is the adjustable weight, which permits the operator to add additional weight and place this weight where he desires it.

FOX FLOOR SCRAPER ACCESSORIES

BURNISHERS

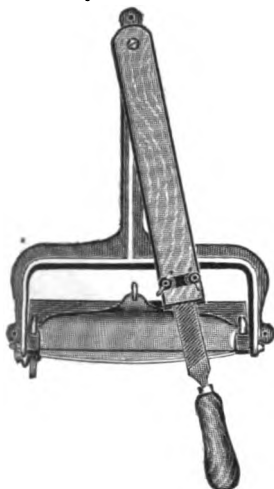


No. 20—9 inches Long, 5x $\frac{1}{4}$ inch Properly Tempered
Very Best Steel Blade, Hardwood Handle.....\$0.50

Each

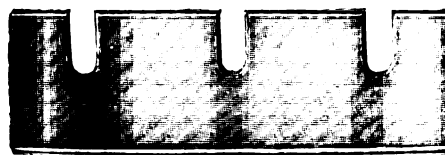
One Dozen in a Box.

This Burnisher, like the knives, is tempered with the greatest care, for if the burnisher is too hard it will snap off when being used, and still must be hard enough so that the steel of the knife will not cut or mar it.



Knife Sharpener.

FLOOR SCRAPER KNIVES



High Carbonized Steel, Tempered by a Special Process.

Size, Inches	3x4	3x9
Each	\$1.00	1.00

Adapted for scraping all kinds of hardwood flooring. Will maintain a keen edge a long time under heavy pressure.

KNIFE SHARPENERS

No. 30—Will Take Any Size of Knife Up to 9 inches Long, Average Weight Each 15 Lbs..\$5.50

Each

This device is designed for the purpose of sharpening and turning a perfect edge on any floor scraper knife.

It is a very simple contrivance and takes any sized knife up to 9 inches.

The operator can file, hone and turn the edge without removing the blade.

No experience is necessary to operate it, and a perfect edge and turn will be given the knife with very little effort.

CORNERING TOOLS

STANLEY'S

Flat Steel, Nickel Plated.



No. 28—5 $\frac{1}{2}$ inches Long, $\frac{1}{8}$ and $\frac{1}{4}$ inch Cutters.....	Per Dozen	\$3.50
No. 29—5 $\frac{1}{2}$ inches Long, $\frac{1}{8}$ and $\frac{1}{4}$ inch Cutters.....		4.50

Used for rounding sharp edges. They have a different size cutter at each end and their form is such that no depth gauge is required.

Weight Per Dozen 1 $\frac{1}{2}$ Pounds.
One-half Dozen in a Box.

BLIND NAIL TOOLS

STANLEY'S



No. 96—2 $\frac{1}{4}$ inches Long, Iron, Nickel Plated	Per Dozen	\$3.50
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This tool can be attached to a $\frac{1}{4}$ inch chisel (beveled edge up) and permits a shaving of any desired thickness to be raised, for blind nailing or for inlaid work.

Weight Per Dozen 1 Pound.
One-half Dozen in a Box.

CLAPBOARD MARKERS

STANLEY'S

No. 88—8 $\frac{3}{4}$ inches Long, 4 inches Wide, Nickel Plated Iron Frame, Blued Tool Steel Marker Blade, Hardwood Handle, Weight Per Dozen 10 Lbs.....	Per Dozen	\$8.50
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One-twelfth Dozen in a Box.

CLAPBOARD GAUGES

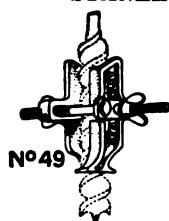
STANLEY'S

No. 89—8 $\frac{3}{4}$ inches Long, 2 $\frac{1}{2}$ inches Wide, Nickel Plated Iron Frame, Gauge Graduated 8ths, Hardwood Handle, Weight Per Dozen 6 Lbs.....	Per Dozen	\$8.50
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One-quarter Dozen in a Box.

BIT GAUGES

STANLEY'S ADJUSTABLE



No. 49—2 $\frac{1}{2}$ inches Long, Iron, Nickel Plated, Can be Attached to Bits of Any Size Up to 1 inch in Diameter, Weight Per Dozen 5 Lbs....	Per Dozen	\$8.00
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One in a Box.

MILLERS FALLS

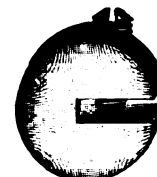
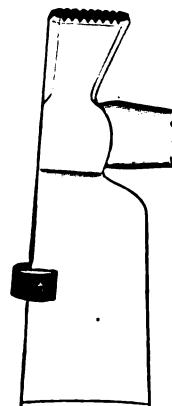


No. 1—4 $\frac{3}{4}$ inches Long.....	Per Dozen	\$3.00
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Clamps to auger bit of any size. Tightens on bit and gauge spindle simultaneously.

Weight Per Dozen 2 Pounds.
One-half Dozen in a Box.

SHINGLE GAUGES



Full Size.

No. 40— $\frac{3}{4}$ x $\frac{1}{8}$ in., Cold Rolled Steel, Headless Set Screw, White Nickel Finish	Per Dozen	\$2.00
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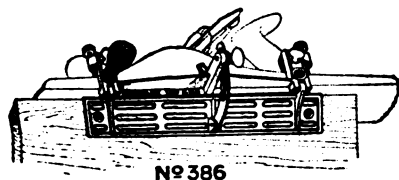
Weight Per Dozen 2 Pounds.
One Dozen in a Box.

Gauge Attached.

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JOINTER GAUGES

STANLEY'S, FOR IRON PLANES.



No. 386

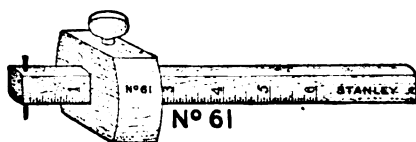
No. 386—Nickel Plated Metal Parts	Each	\$2.50
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For use in connection with all sizes of Iron Jack or Jointer Planes, to enable the workman to plane bevels of any angle between 30 and 90 degrees, or to square up the edges of boards with extreme accuracy. Can be used for right or left hand work.

Weight Each 2 $\frac{1}{4}$ Pounds.
One in a Box.

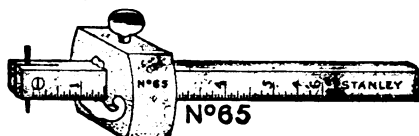
GAUGES

STANLEY'S MARKING



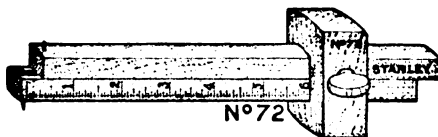
- No. 61—8½ inches Long, Oval Beechwood Bar, Marked 16ths, Square Beechwood Head, Boxwood Thumb Screw, Fixed Steel Marking Point, Weight Per Dozen 2½ Lbs. \$1.25
- No. 62—Same as No. 61, but with Adjustable Marking Point and Highly Polished. 2.25
- One Dozen in a Box.

STANLEY'S MARKING



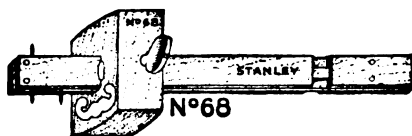
- No. 65—8¼ inches Long, Highly Polished, Oval Beechwood Bar, Marked 16ths, Square Brass Plated Boxwood Head, Brass Thumb Screw and Shoe, Adjustable Steel Marking Point, Weight Per Dozen 3¼ Lbs. \$6.50
- One-half Dozen in a Box.

STANLEY'S DOUBLE BAR MORTISE AND MARKING



- No. 72—8½ inches Long, Highly Polished, Double Oval Beechwood Bars, Marked 16ths, Oval Beechwood Head, Boxwood Thumb Screw, Fixed Steel Marking Points, Weight Per Dozen 3¼ Lbs. \$4.50
- Has two independent bars working in the same head. One pin is affixed to each bar. One side of the mortise is marked and the gauge turned over for the other mark.
- One-half Dozen in a Box.

STANLEY'S SLIDE MORTISE AND MARKING

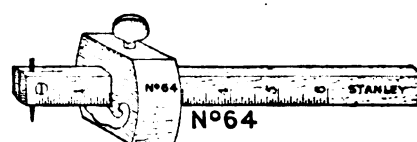


- No. 68—8½ inches Long, Highly Polished, Beechwood Bar and Slide, Marked 16ths, Oval Brass Plated Beechwood Head, Brass Thumb Screw and Shoe, Fixed Steel Marking Points, Weight Per Dozen 3¼ Lbs. \$6.00
- Has a wood slide working in the bar. One of the marking points is affixed to one end of this slide, the other to the end of the bar itself. These points mark both sides of the mortise at the same time.
- One-half Dozen in a Box.

STANLEY'S SLIDE MORTISE AND MARKING

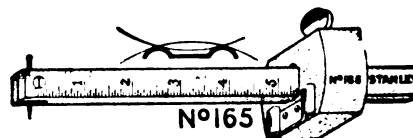


- No. 77—6¾ inches Long, Highly Polished, Rosewood Brass Slide, Marked 16ths, Oval Brass Plated Rosewood Head, Brass Thumb Screws and Shoe, Fixed Steel Marking Points, Weight Per Dozen 5 Lbs. \$12.00
- Has a brass slide working in the wood bar. One of the marking points is affixed to one end of this slide, the other to the end of the bar itself. These points mark both sides of the mortise at the same time.
- One-half Dozen in a Box.



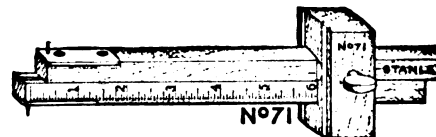
- No. 64—8¼ inches Long, Highly Polished, Oval Beechwood Bar, Marked 16ths, Square Brass Plated Beechwood Head, Boxwood Thumb Screw, Adjustable Steel Marking Point, Weight Per Dozen 2½ Lbs. \$3.25
- One Dozen in a Box.

STANLEY'S IMPROVED MARKING



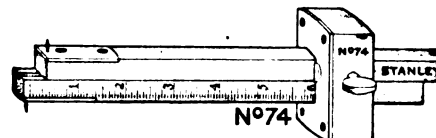
- No. 162—Same as No. 62, but Fitted with Circular Face Plate \$3.50
- No. 163—Same as No. 65, but Fitted with Circular Face Plate 6.50
- The attachment consists of a brass face with two ribs, attached to one side of the head, enabling the user to run a gauge line with perfect steadiness and accuracy around curves of any degree, either concave or convex.
- One-half Dozen in a Box.

STANLEY'S DOUBLE BAR MORTISE AND MARKING



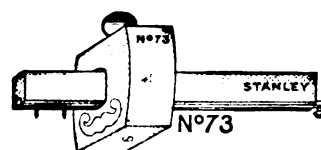
- No. 71—8½ inches Long, Highly Polished, Double Oval Beechwood Bars, Marked 16ths, Oval Brass Plated Beechwood Head, Brass Thumb Screw and Shoe, Fixed Steel Marking Points, Weight Per Dozen 4¼ Lbs. \$7.50
- Has two independent bars working in the same head. One pin is affixed to each bar. One side of the mortise is marked and the gauge turned over for the other mark.
- One-half Dozen in a Box.

STANLEY'S DOUBLE BAR MORTISE AND MARKING



- No. 74—8¼ inches Long, Highly Polished, Double Oval Boxwood Bars, Marked 16ths, Oval Full Brass Plated Boxwood Head, Brass Thumb Screw and Shoe, Fixed Steel Marking Points, Weight Per Dozen 4¼ Lbs. \$11.00
- Works on the same principles as Nos. 71 and 72.
- One-half Dozen in a Box.

STANLEY'S SLIDE MORTISE



- No. 73—6½ inches Long, Highly Polished, Boxwood Bar, Brass Slide, Marked 16ths, Brass Plated Boxwood Head, Brass Thumb Screw and Shoe, Fixed Steel Marking Points, Weight Per Dozen 4 Lbs. \$8.50
- Has a brass slide working in the wood bar. Used as a slide mortise gauge only.
- One-half Dozen in a Box.

GAUGES

STANLEY'S

METALLIC MARKING AND ROLLER CUTTER



N°97

No. 97—6½ inches Long, Nickel Plated Steel Bar, Marked 16ths, Double Faced Nickel Plated Iron Head, Adjustable Steel Marking Point and Roller Cutter, Weight Per Dozen 6 Lbs.....\$9.00

Per Dozen

METALLIC MORTISE AND ROLLER CUTTER



N°98

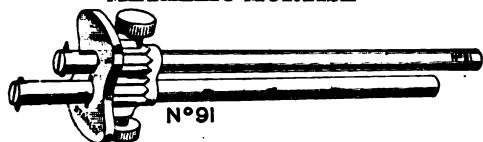
No. 98—6½ inches Long, Nickel Plated Steel Bars, Marked 16ths, Double Faced Nickel Plated Iron Head, Adjustable Steel Marking Points and Roller Cutter, Weight Per Dozen 8 Lbs.....\$13.50

Per Dozen

These Gauges have both Rollers and Steel Points. Roller Cutters are preferable in some work to Steel Points, being especially adapted for running over knots, across the grain or where a fine line is desired.

One-twelfth Dozen in a Box.

METALLIC MORTISE



N°91

No. 91—6½ inches Long, Nickel Plated Steel Bars, Marked 16ths, Nickel Plated Iron Head, Adjustable Steel Marking Points, Weight Per Dozen 6 Lbs...\$11.00
This gauge has the steel points inserted very near the ends of the bars to admit of being used close up into a rabbet or corner. The head is reversible, giving a broad or narrow bearing, as desired.

Per Dozen

One-twelfth Dozen in a Box.

SLITTING



N°84

No. 84—17 inches Long, Beechwood, Bar Marked 8ths, Adjustable Tempered Steel Cutter, Weight Per Dozen 15 Lbs.....\$12.00
This Gauge has a roller bearing and a large convenient handle. The head can be securely fastened to the bar at any point by means of a thumb screw.

Per Dozen

One-half Dozen in a Box.

PANEL



N°85½

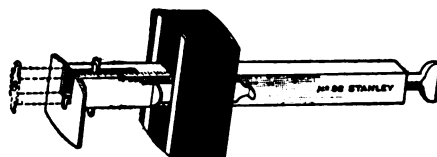
No. 85—17½ inches Long, Beechwood, Adjustable Steel Point, Weight Per Dozen 5½ Lbs.....\$ 4.50
No. 85½—20½ inches Long, Rosewood, Brass Thumb Screw and Shoe, Adjustable Steel Point, Weight Per Dozen 8 Lbs.....24.00

Per Dozen

These Gauges are mainly used for marking door panels and such wide work where an extra long bar is needed. They have an extra wide head that is rabbeted to prevent slipping.

No. 85, One Dozen; No. 85½, One-quarter Dozen in a Box.

BUTT

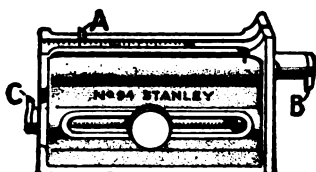


Butt, Marking, Mortise and Rabbet Gauge.

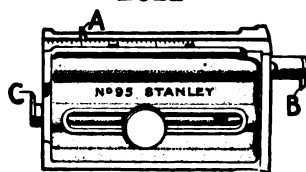
No. 92—8 inches Long, Brass Faced Rosewood Head, Brass Slide, Graduated 16ths for 3 inches, Three Steel Cutters, Screw Adjusting.....\$21.00
Weight Per Dozen 9 Pounds.
One-twelfth Dozen in a Box.

Per Dozen

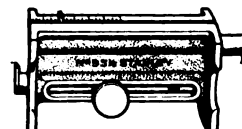
BUTT



N°94 STANLEY



N°95 STANLEY



N°95½ STANLEY

Butt, Rabbet and Mortise Gauge.

Per Dozen

No. 94—3 inches Long, Iron Body, Steel Bars, Nickel Plated, Graduated 16ths for 2 inches, Three Cutters, Weight Per Dozen 8 Lbs...\$16.00

Butt, Rabbet and Mortise Gauge.

Per Dozen

No. 95—3 inches Long, Iron Body, Steel Bars, Nickel Plated, Graduated 16ths for 2 inches, Three Cutters, Weight Per Dozen 6 Lbs...\$14.00

Butt, Rabbet and Mortise Gauge.

Per Dozen

No. 95½—2½ inches Long, Iron Body, Steel Bars, Nickel Plated, Graduated 16ths for 1½ inches, Three Cutters, Weight Per Dozen 5 Lbs...\$10.50

The term "Butt Gauge" covers a gauge having three cutters, purposely arranged so that no change of setting is necessary when hanging several doors. In reality these tools comprise Rabbet Gauges, Marking Gauges and Mortise Gauges of a scope sufficient for all door trim, including lock plates, strike plates, etc.

Nos. 94 and 95 Gauges are made so that they can be used as inside or outside squares for squaring the edge of the butt on either the door or jamb.

One-twelfth Dozen in a Box.

ROOFING BRACKETS

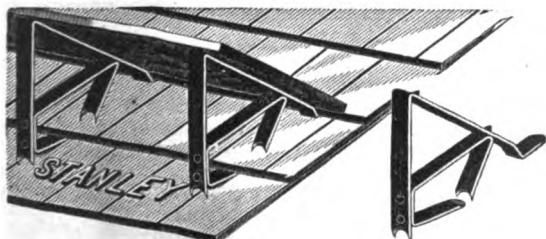
Per Dozen

No. 1—8 inches Long, 1 inch Wide, Spring Steel, Japanned, with Spurs\$6.00

These Brackets are so constructed that any increase of pressure or weight from above increases their security by pressing the spurs into the shingles. Two steel spurs also project above the horizontal surface of the brackets to secure the staging boards.

Weight Per Dozen 13½ Pounds.

One-half Dozen in a Package.



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PLUMBS AND LEVELS

STANLEY'S

The "Hand-y" Grip, a feature of all Stanley Levels, gives the workman a secure hold on his Level and decreases the chance of dropping the tool.

Both Plumb and Level Side Views are blackened, a trade mark and exclusive Stanley feature, which concentrates the light directly on the bubble, thus enabling the user to quickly locate its position.

LEVELS ONLY

STANLEY'S NON-ADJUSTABLE



- Per Dozen
- No. 102—Assorted 10, 12, 14 and 16 inches Long, 1 1/4 x 2 3/8 inch Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Proved Glass, Weight Per Dozen 11 Lbs. \$7.00
- No. 103—Assorted 18, 20, 22 and 24 inches Long, 1 1/4 x 2 3/8 inch Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Proved Glass, Weight Per Dozen 23 Lbs. 9.00

PLUMBS AND LEVELS

STANLEY'S NON-ADJUSTABLE



- No. 104. No. 104 1/2. Per Dozen
- No. 104—Assorted 12, 14, 16 and 18 inches Long, 1 1/4 x 2 3/8 inch Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Proved Glasses, Weight Per Dozen 15 Lbs. \$11.00
- No. 104 1/2—Assorted 12, 14, 16 and 18 inches Long, 1 1/4 x 2 3/8 inch Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Brass Tips on Ends, Proved Glasses, Weight Per Dozen 18 Lbs. . 15.00

Especially adapted for use by millwrights, plumbers or for any work where a level of greater length cannot be readily used. One Dozen in a Box.

PLUMBS AND LEVELS

STANLEY'S NON-ADJUSTABLE



- Per Dozen
- No. 0—Assorted 24, 26, 28 and 30 inches Long, 1 3/8 x 3 1/8 inch Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Proved Glasses. \$15.00
- Weight Per Dozen 40 Pounds.
- One-half Dozen in a Box.

STANLEY'S ADJUSTABLE



- Per Dozen
- No. 1X—Assorted 26, 28 and 30 inches Long, 1 3/8 x 3 1/8 inch Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Proved Glasses, Weight Per Dozen 35 Lbs. \$18.00
- No. 3—Same as No. 1X, but with Brass Tips on Ends, Weight Per Dozen 44 Lbs. 26.00
- One-half Dozen in a Box.

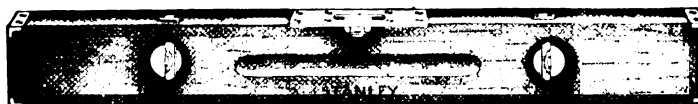
STANLEY'S ADJUSTABLE



- Per Dozen
- No. 5—Assorted 26, 28 and 30 inches Long, 1 3/8 x 3 1/8 inch Polished 3-Ply Hardwood Stock, Square Brass Top Plate, Brass Lipped Side Views, Brass Tips on Ends, Proved Glasses, Weight Per Dozen 48 Lbs. \$32.00
- No. 9—Same as No. 5, but Polished Mahogany Stock, Weight Per Dozen 42 Lbs. 35.00
- No. 10—Same as No. 5, but with Polished 5-Piece Mahogany Stock, Weight Per Dozen 51 Lbs. 40.00
- No. 11—Same as No. 5, but with Polished Rosewood Stock, Weight Per Dozen 58 Lbs. 60.00
- One-half Dozen in a Box.

VICTOR ADJUSTABLE

These Levels have two Plumb Glasses so set that the user can



plumb from either end of the Level without reversing.

- Per Dozen
- No. 13—Assorted 26, 28 and 30 inches Long, 1 3/8 x 3 1/8 inch Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Brass Tips on Corners, Proved Glasses, Weight Per Dozen 39 Lbs. \$30.00
- No. 111—Assorted 24, 26, 28 and 30 inches Long, 1 3/8 x 3 1/8 inch Polished Rosewood Stock, Square Brass Top Plate, Brass Lipped Side Views, Brass Tips on Corners, Proved Glasses, Weight Per Dozen 54 Lbs. 60.00
- One-twelfth Dozen in a Box.

STANLEY'S BRASS BOUND ADJUSTABLE



- Per Dozen
- No. 98—Assorted 24, 26, 28 and 30 inches Long, 1 3/8 x 3 1/8 inch Polished Selected Mahogany Stock, Square Brass Top Plate, Side Views, Heavy Brass Bound Edges, Solid Brass Tips on Ends, Ground Glasses, Weight Per Dozen 38 Lbs. \$60.00
- The life of a wooden level is greatly increased by having the edges brass bound, which prevents the surface and edges from becoming damaged.
- One-twelfth Dozen in a Box.

STANLEY'S BRASS BOUND SMALL STOCK ADJUSTABLE



- Per Dozen
- No. 1193—24 inches Long, 1 1/4 x 2 3/8 inch Polished Selected Mahogany Stock, Square Brass Top Plate, Plain Side Views, Heavy Brass Bound Edges, Solid Brass Tips, Ground Glasses, with 2 Plumb Glasses, Weight Per Dozen 29 Lbs. \$60.00
- The plumb glasses are so set that the user can plumb from either end of the level without reversing.
- One-twelfth Dozen in a Box.

PLUMBS AND LEVELS

STANLEY'S DUPLEX ADJUSTABLE



No. 30.

- No. 30—Assorted 24, 26, 28 and 30 inches Long, 1 3/8 x 3 1/4 inch Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Brass Tips and Discs, Proved Glasses, with Two Level Glasses and One Plumb, Weight Per Dozen 48 Lbs. \$33.00
- No. 50—Same as No. 30, but with 3-Ply Hardwood Stock and Brass Lipped Side Views, Weight Per Dozen 48 Lbs. 40.00

These Levels can be read conveniently even if held at arm's length above the head.

The second level glass can be readily reversed to form a second plumb if desired.

One-twelfth Dozen in a Box.

STANLEY'S MASON'S SIX-GLASS



Per Dozen

- No. 48—48 inches Long, 1 1/4 x 3 1/4 inch Light Weight Wood Stock, Thoroughly Seasoned, Specially Prepared, 6 Proved Glasses, with 2 Hand Holes, Weight Per Dozen 45 Lbs. \$52.00

These Levels have two level glasses and four plumb glasses so arranged that no matter how the tool is taken up, one or more of them are available with which to level or plumb.

Each Level and Plumb Glass is protected on both sides of the stock by a glass from breakage but keeps dirt and moisture from the openings. Each glass is set solid in a metal case, which case is screwed into the level stock.

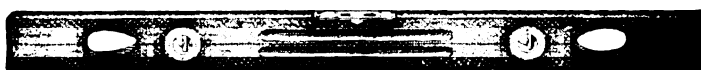
One-half Dozen in a Box.

STANLEY'S COMBINATION MASON'S



Per Dozen

- No. 35—42 inches Long, 1 3/8 x 3 5/8 inch Softwood Stock, Polished, Square Brass Top Plate, Two Side Views, Proved Glasses, Adjustable Level Glass, with Non-Adjustable Plumb and One Opening for Use of Plumb Bob and Line. \$29.00
- Weight Per Dozen 64 Pounds.
- One-half Dozen in a Box.



Per Dozen

- No. 45 1/2—48 inches Long, 1 1/8 x 3 3/4 inch Softwood Stock, Polished, Square Brass Top Plate, Two Side Views, Brass Plumb Rings, Proved Glasses, Adjustable Level Glass, with Two Adjustable Plumbs and Two Openings for Use of Plumb Bob and Line. \$50.00
- Weight Per Dozen 60 Pounds.
- One-half Dozen in a Box.

STRATTON'S BRASS BOUND ADJUSTABLE

The binding is dovetailed entire length and dovetailed to heavy brass end plates.



The vials are very fine and set solid. Sensitive and accurate.

Full Brass Bound, Thoroughly Seasoned Solid Mahogany Stock, Selected Plain Vials, Improved Movable Bar Adjustment.			
Nos.	1326	1328	1330
Length, Inches	26	28	30
Size, Inches	3x1 1/4	3x1 1/4	3x1 1/4
Weight Each, Lbs.	3	3 1/2	3 1/2
Each	\$5.50	5.50	5.50

One in a Box.



With Double Plumb, Always Right Side Up.
Full Brass Bound, Thoroughly Seasoned Solid Mahogany Stock, Ornamental Brass Side Views, Selected Plain Vials, Improved Movable Bar Adjustment.

Nos.	4124	4126	4128	4130
Length, Inches	24	26	28	30
Size, Inches	3x1 1/4	3x1 1/4	3x1 1/4	3x1 1/4
Weight Each, Lbs.	2 3/4	3	3 1/4	3 1/2
Each	\$8.00	8.50	8.75	9.00

One in a Box.

Sectional Construction, Four Pieces of Rosewood Built Around a Core of Solid Mahogany.

Full Brass Bound, Ornamental Brass Side Views, Selected Plain Vials, Improved Movable Bar Adjustment.

Nos.	1026	1028	1030
Length, Inches	26	28	30
Size, Inches	3x1 1/4	3x1 1/4	3x1 1/4
Weight Each, Lbs.	3 3/4	4	4 1/4
Each	\$11.00	11.50	12.00

One in a Box.

SAND'S ALUMINUM

These Levels are made of the Best Aluminum obtainable, and are light, strong and durable. Will not warp nor rust same as iron levels will. In falling an iron level will break, aluminum bends and can be straightened.

The plumb and level glasses are covered with heavy plate glass protecting them, also making those parts dust, dirt and waterproof.

Easy reading. Work either end or edge up.



No. 18.



No. 30.

- No. 18—18 inches Long, with Two Plumb and Two Level Glasses, Weight Each 1 1/4 Lbs. \$6.00
- No. 24—24 inches Long, Otherwise Same as No. 18, Weight Each 2 1/4 Lbs. 7.00
- No. 28—28 inches Long, With Four Plumb and Two Level Glasses, Weight Each 2 3/4 Lbs. 8.00
- No. 30—30 inches Long, Otherwise Same as No. 28, Weight Each 3 Lbs. 8.00
- One in a Box.

STEEL PLUMBS AND LEVELS

ACME

With these Levels you can easily establish any grade, either in degrees or inches, rise to the foot—or find any grade already established.

They are all made of Cold Rolled Steel Strips substantially put together. The frame is nickel and the webs are oxidized. Very light and strong. Provided with the best proved vials obtainable. One ring in each level (except the No. 3) is graduated, the upper half in degrees and the lower half in inches, rise per foot.

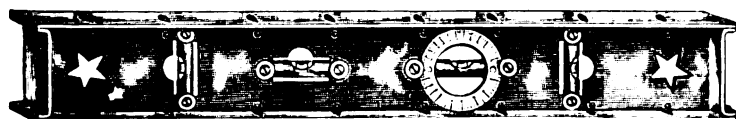
More durable and cheaper than aluminum, wood or cast iron.



No. 1A—2 3/4 inches Wide.

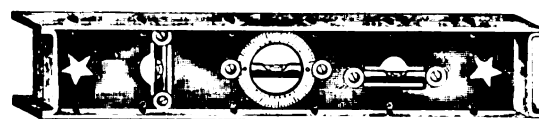
Length, Inches	26	28	30
Per Dozen	\$36.00	36.00	36.00

The 28 inch Level Weighs About 2 Pounds.



No. 2A—2 3/4 inches Wide.

Length, Inches	26	28	30
Per Dozen	\$32.00	32.00	32.00



No. 4A—2 3/4 inches Wide.

Length, Inches	22	24
Per Dozen	\$28.00	28.00



No. 5A—Mason's, 2 3/4 inches Wide.

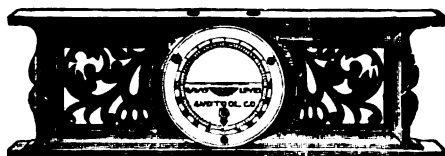
Length, Inches	48
Per Dozen	\$66.00

The 48 inch Level Weighs About 4 Pounds.

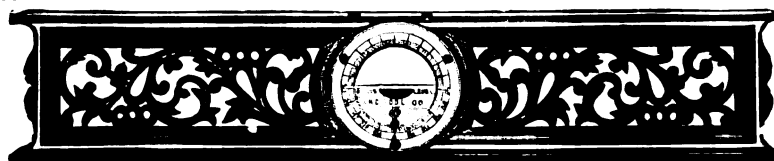
All Above, One-twelfth Dozen in a Box.

IRON LEVELS

DAVIS PATENT ADJUSTABLE INCLINOMETER



No. 1.



No. 2.

Iron Frame, Handsomely Japanned.

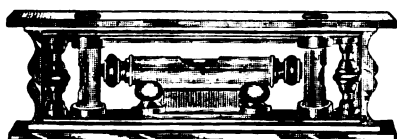
Nos.	1	2	3	4
Length, Inches	7	12	18	24
Weight Per Dozen, Lbs.	1 1/4	2	4	5
Per Dozen	\$40.00	45.00	50.00	70.00

The above Levels are made for Machinists' and Carpenters' use, and are particularly useful in leveling up shafting or stair-cases, or anything that is hung at an angle. The dial is graduated by degrees and all that is necessary to do is to move the bubble case with the dial pointer attached to the desired degree and the Level is ready to be used. The adjustment is derived by the use of two screws on the top surface, tightening one and loosening the other will cause the bubble case to move.

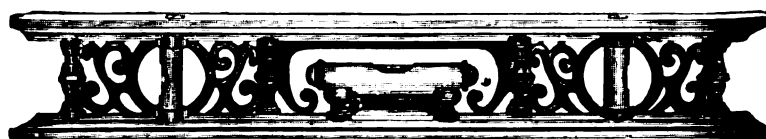
One-twelfth Dozen in a Box.

IRON PLUMBS AND LEVELS

DAVIS PATENT ADJUSTABLE DOUBLE



No. 6.



No. 7.

Iron Frame, Handsomely Japanned, Polished Plumb and Level Cases, Plain Glasses, Adjustable.

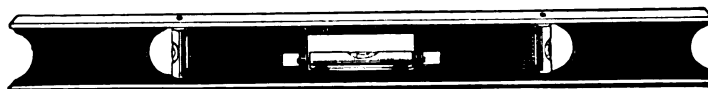
Nos.	6	7	8	9
Length, Inches	6	12	18	24
Weight Per Dozen, Lbs.	1	2	3	4 1/4
Per Dozen	\$40.00	42.00	45.00	50.00

The Plumb Tubes as well as the Level Tubes are adjustable. To adjust Level Tubes, tighten one and loosen the other screw entering Level Tube from bottom of frame. To adjust Plumb Tubes turn screw or eccentric on bottom of frame. In adjusting Levels care should be taken not to turn either screw down tight, as the adjustment sometimes becomes set when this is done.

One-twelfth Dozen in a Box.

METALLIC PLUMBS AND LEVELS

STANLEY'S ADJUSTABLE



No. 36—9 inch.

No. 36—12 inch.

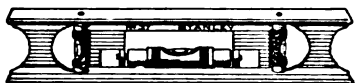
No. 36—24 inch.

No. 36—Japanned Iron Frame, Nickel Plated Trimmings, Proved Glasses, Two Plumb and One Level Glass, Set in Metal Case.

Length, Inches	6	9	12	18	24
Weight Per Dozen, Lbs.	10	15	22	36	51
Per Dozen	\$20.00	24.00	30.00	35.00	38.00

These Plumbs and Levels have tops and bottoms milled and wet ground to insure two perfectly parallel surfaces. The glasses are so set that either surface may be used to level or plumb.

One-twelfth Dozen in a Box.



No. 37—12 inch.

No. 37—24 inch.

No. 37—Full Nickel Plated Iron Frame, Ground Glasses, Two Plumb and One Level Glass Set in Metal Cases with Revolving Protecting Cover.

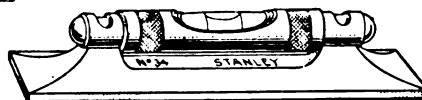
Length, Inches	12	18	24
Weight Per Dozen, Lbs.	22	36	51
Per Dozen	\$40.00	48.00	56.00

These Plumbs and Levels have milled and wet ground tops and bottoms to insure two perfectly parallel surfaces. When not in use, the protecting covers can be turned so as to completely protect the glass from damage.

One-twelfth Dozen in a Box.

MACHINISTS' IRON LEVELS

STANLEY'S ADJUSTABLE



No. 34V—Full Nickel Plated, Iron Base, Ground Glass, Revolving Glass Protector, with V Shaped Bottom for Leveling Shafting, Etc.

Length, Inches	4	6	8	10
Wt. Per Dozen, Lbs.	4 1/2	9	13 1/2	21
Per Dozen	\$17.00	20.00	26.00	30.00

One-twelfth Dozen in a Box.

No. 34—Full Nickel Plated, Iron Base, Ground Glass, Revolving Glass Protector, with Flat Bottom.

Length, Inches	4	6	8	10
Wt. Per Dozen, Lbs.	4 1/2	9	13 1/2	21
Per Dozen	\$17.00	20.00	26.00	30.00

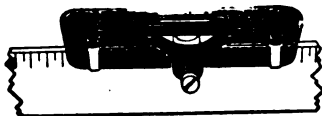
One-twelfth Dozen in a Box.

MACHINISTS' IRON LEVELS

STANLEY'S NON-ADJUSTABLE

STANLEY'S STRAIGHT EDGE

DISSTON'S



Nickel Plated Iron Case, Proved Glass.

Nos.	38 1/2	39 1/2
Length, Inches	4	6
Wt. Per Dozen, Lbs.	3	7
Per Dozen	\$7.50	9.00

The top plate is entirely separate from the glass. The glass is set solid in plaster.

One-half Dozen in a Box.

No. 40.

No. 40—3 1/4 inches Long, Japanned Top Plate, Non-Adjustable Proved Glass, Wt. Per Dozen 1 1/2 Lbs. \$2.00
No. 41—Same as No. 40, but with Brass Top 2.50
Can be attached to any straight edge or carpenter's square.
One Dozen in a Box.

Per Dozen

No. 200—6 inches Long, Rosewood, Nickel Plated Top Plate, Weight Per Dozen 3 Lbs. \$4.00
No. 150—12 inches Long, Cherry Wood, Stained, Nickel Plated Top Plate, Weight Per Dozen 6 Lbs. 2.50
No. 200, One Dozen; No. 150, One-half Dozen in a Box.

STRAIGHT EDGE LEVELS

LEONHART'S IMPROVED

Can be Attached to Any Piece of Wood.

Per Dozen

No. 50—3 inch Diameter, Made of One Solid Piece of Steel \$7.50

No nuts to work loose. No threads to wear out. The only lever that can be taken off without taking out screws. The glass is out in plain view, a feature to be appreciated.

Weight Per Dozen 1 1/2 Pounds.

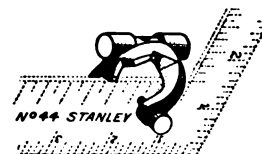
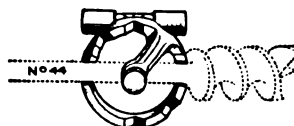
One Dozen in a Box.



For setting door jambs, window frames—plumbing walls and partitions, leveling joist, etc., it has no equal. Can be set to give any grade.

BIT AND SQUARE LEVELS

STANLEY'S



Per Dozen

No. 44—1 1/4 inches Long, 1 1/2 inch Wide, Brass Frame, Polished, Non-Adjustable Proved Glass \$5.50
The tool has three pairs of V slots on its back edges. The shanks of a bit will lie in these slots, either vertical or at an angle of 45 degrees, and boring can be done with perfect accuracy. It can also be attached to a carpenter's square, making it an accurate plumb or level.

Weight Per Dozen 1 1/2 Pounds.

One-twelfth Dozen in a Box.

SURVEYING INSTRUMENTS

WHITE'S IMPROVED CONVERTIBLE LEVEL
(Something Entirely New).

Cut "A" shows instrument when used as a modified transit. Cut "B" shows instrument when used as an ordinary level.

Very useful to the architect, contractor, millwright and railroad builder or in fact anyone who has use for a light, portable surveying instrument.

SPECIFICATIONS

Telescope—12 inches long with dust shade. Magnifying power 25 diameters showing objects erect. Object glass $1\frac{1}{4}$ inch aperture, rack and pinion movement to object slide; spiral movement to eyepiece. Cross-hairs, sun-shade and dust cap. Range 5 feet to one mile. Lenses of finest quality; level to telescope 4 inches long housed in tube with protection bridge, graduated on the glass and is ground to a sensitiveness of 60 sec. of arc to 1-10 inch motion of bubble.

Cross-Bar and Wyes—Cross-Bar of improved design with standards cast in one piece, heavily ribbed and strengthened. Wyes are adjustable and of improved design with lock-nuts for locking yokes, dispensing with old style pin bolts. One wye yoke is provided with stop insuring true position of cross-hairs when leveling. Cross-Bar constructed of steel-like bell metal. Convertible standard provided with two brass straps which hold telescope firmly in the trunnions when in transit position.

Circle— $4\frac{1}{2}$ inch diameter with 8 reinforced spokes, divided to degrees, numbered 0—90 in quadrants and reading by vernier to 5 minutes. Circle is movable for purpose of setting same at any given point and is provided with set screw.

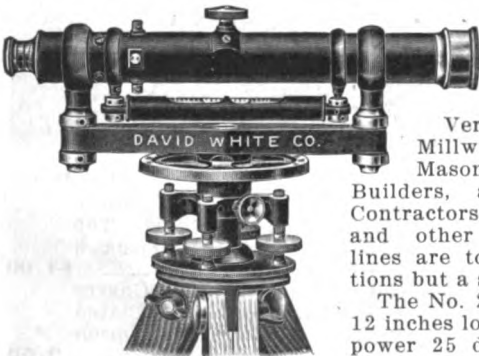
Leveling Head—Improved design, heavily ribbed, with clamp to spindle and tangent screw. Four leveling screws with shoes. Center extra long and constructed of hard bell-metal.

Regular Equipment—Solid leg white ash tripod with iron shoes and protection cap to head. Bolts provided with wing nuts for tightening by hand. Polished hardwood carrying case with strong lock and strap. 6 oz. plumb bob trivet, (for foundation work) sunshade and adjusting pins. Full instructions for use with each level.

Finish and Weight—Instrument is finished in rich olive color with telescope and wyes in gun metal and small parts in bright golden finish. Weight of level only 8 lbs., with case and accessories 12 lbs.; weight of tripod 7 lbs.

No. 2020—As Described Above.....\$65.00

No. 2021—Same as No. 2020 but with Vertical Arc Divided to Degrees Numbered 0—45 Each Way and Reading by Vernier to 5 Minutes..... 70.00

DUMPY LEVEL
WHITE'S
IMPROVED

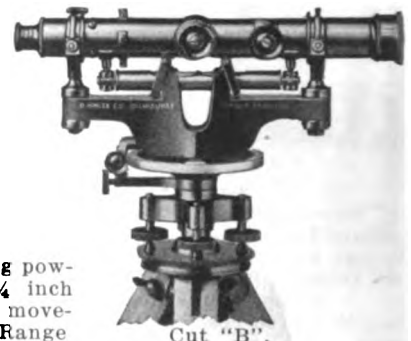
Very serviceable for Millwrights, Architects, Mason Contractors and Builders, also for Drainage Contractors for Tile Draining and other operations where lines are to run with the stations but a short distance apart.

The No. 2038 has a telescope 12 inches long, with magnifying power 25 diameters. Aperture of objective lens $1\frac{1}{4}$ inch. Horizontal circle $4\frac{1}{2}$ inches in diameter and graduated from 0 to 90 degrees each way, with vernier reading to 5 minutes. The circle can be set at zero at any given point. Center is extra long and well tapered and is made of hard bell metal. Telescope is of fine definition and the objective lens is focused by rack and pinion of improved make. Improved eye-piece for precise focusing of the Cross Hairs. Telescope Yokes are of best composition metal, permanently fixed, thus insuring greater stability. Tripod is made of best seasoned hardwood. A metal trivet having three sharp steel points, for placing the level on any surface of wood or stone, together with hardwood tripod, is furnished with each instrument. Level vial is extra long, carefully ground and is graduated on the glass. Instrument packed erect, ready for use, in polished hardwood box with strap, containing full directions for use, together with screw capped plumb bob, sunshade, dust cap and adjusting pins.

No. 2038—As Described Above.....\$71.10

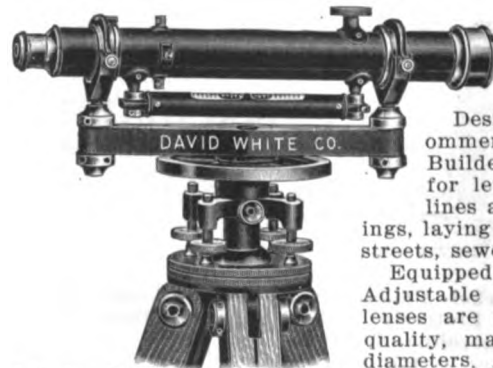
No. 2039—Same as No. 2038, Provided with a Clamp and Tangent Movement, Enabling Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately..... 80.00

Weight Each, Ready for Shipment, 30 Pounds.



Cut "B".

ARCHITECTS' LEVELS

WHITE'S
IMPROVED

Designed for and recommended to Architects, Builders and Contractors, for leveling walls, giving lines and levels for buildings, laying out angles, grading streets, sewers, drains, etc.

Equipped with 12 inch long Adjustable Telescope. The lenses are of the best optical quality, magnifying power 25 diameters. Aperture of object is

$1\frac{1}{4}$ in. Instrument is provided with four leveling screws and clamp to spindle. The V's have an improved locking arrangement dispensing with the old-fashioned pin bolts. The center is made of hard bell metal, extra long and well tapered. It also has a horizontal circle $4\frac{1}{2}$ in. in diameter fitted to the upper end of the socket and turns readily upon it, thus allowing it to be set at zero at any given point. The circle is graduated from 0 to 90 degrees each way and has a vernier reading to 5 minutes, which is screwed to the flange of the center. The telescope is of fine definition and is focused by rack and pinion of improved form. The eye-piece turns in a spiral-like manner, which enables a more precise focusing of the cross-hairs. The instrument can be placed either upon a tripod or a small triangular plate called a trivet, having three sharp steel points by which it can be firmly set upon any surface of wood or stone. Both tripod and trivet are furnished with each level. The level vial is extra long, very carefully ground and is graduated on the glass.

Each

No. 2011—Complete, Packed Erect Ready for Use in Polished Hardwood Box with Strap, Containing Full Directions for Use, Together with Screw Capped Bob, Sun Shade, Dust Cap and Adjusting Pins.....\$ 75.00

No. 2012—Same as No. 2011, with a Clamp and Tangent Movement, thus Enabling the Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately... 83.25

No. 2013—Same as No. 2011, with 3 inch Needle Compass; this Instrument will be Found Very Serviceable as a Ready Means of Determining the Bearing of Lines or of Measuring Angles by the Needle; the Compass is Graduated to Degrees, Figured from 0 to 90 on Each Side of North and South, Graduations and Inside of Face of Compass Silvered, Magnetic Needle 3 inches Long, Made of Finest Tempered Oval Steel Tubing and is Perfectly Balanced..... 100.00

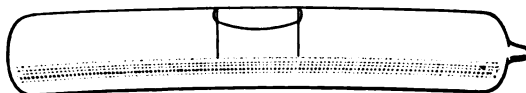
No. 2014—Same as No. 2013, with the Exception that it is Supplied with a Clamp and Tangent Movement, thus Enabling the Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately..... 108.25

Weight Each Ready for Shipment About 28 Pounds.

LEVEL GLASSES

STANLEY'S PROVED

These Level Glasses are made of Extra Thick Tubing.
Each Glass is marked at its central



or crowning point by two indelible lines, enabling the user to very quickly center the bubble.

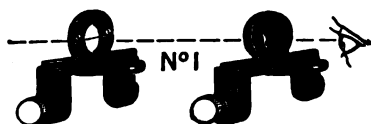
Length, Inches	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4
Per Dozen	\$0.85	.85	1.00	1.00	1.15	1.25	1.35	1.50	1.60

Per Assortment

No. 100 Assortment—Consists of One Dozen Assorted Stanley's Proved Level Glasses, Sizes 1 1/2, 1 3/4, 2 1/2 and 3 inches. \$1.25
Average Weight Per Dozen 1/4 Pound.
One Dozen in a Box.

LEVEL SIGHTS

STANLEY'S



Iron, Blued.

Per Dozen Pairs

No. 01—For Wood Levels, 1 1/2 inches Long, 2 inches Wide, Weight Per Dozen Pairs 3 Lbs. \$12.50



Iron, Blued.

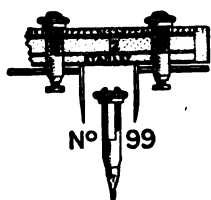
Per Dozen Pairs

No. 02—For Iron Levels, 3/4 inch Long, 1 1/4 inches Wide, Weight Per Dozen Pairs 3 Lbs. \$12.50

These sights can be attached to any level, for leveling from one given point to another a long distance away. Easily detached.

One-twelfth Dozen Pairs in a Box.

STANLEY'S RULE



No. 99

Polished Brass, Movable Steel Points, with Pencil Socket.

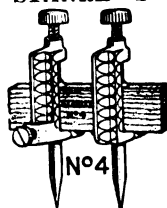
No.	99
Length, Inches	2
For Straight Edge, Inches....	3/4
Weight Dozen Pairs, Lbs....	4 1/2
Per Pair	\$1.00

Can be attached to carpenter's rules of any ordinary width.

One Pair in a Box.

TRAMMEL POINTS

STANLEY'S



No. 4

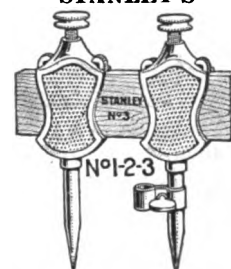
Iron, Nickel Plated, Steel Points, with Pencil Socket.

No.	4
Length, Inches	4 1/2
For Straight Edge, Inches....	1 1/4
Wt. Dozen Pairs, Lbs....	3
Per Pair	\$1.25

Can be attached to one side of any straight stick. The socket will take an ordinary or oval shaped carpenter's pencil.

One Pair in a Box.

STANLEY'S



No. 1-2-3

Bronze Metal, Steel Points, with Pencil Socket.

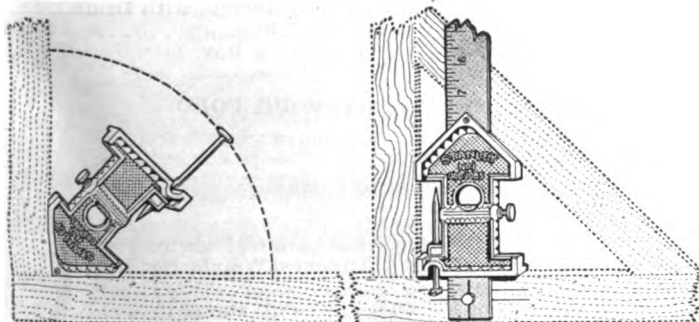
Nos.	1	2	3
Length, Inches	3 1/2	4 1/2	5 1/2
For Straight Edge, inches	5/8	1	1 1/4
Wt. Doz. Pairs, Lbs.	3	4 1/2	7 1/2
Per Pair	\$1.50	2.00	2.50

A pencil socket, which accompanies each set, can be firmly clamped on the steel points, close up to the main stock.

One Pair in a Box.

ODD JOBS

STANLEY'S

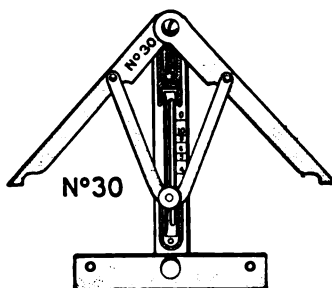


Per Dozen

No. 10—4 inches Long, Iron Body, Nickel Plated, Steel Scratch Awl, 12 inch Wood Rule Graduated 16ths of Inches \$12.50
Combines a Level, Plumb, Try Square, Mitre Square, Bevel, Scratch Awl, Depth Gauge, Marking Gauge, Beam Compass and a One Foot Rule. With its use the owner can do all ordinary jobs with the addition of only a saw, a hammer and a plane. One-twelfth Dozen in a Box.

ANGLE DIVIDERS

STANLEY'S



No. 30

Iron Body, Pressed Steel Arms, Full Nickel Plated.

Each

No. 30—Length Over All 7 3/4 inches, Length of Arms 6 inches, Length of T Head 4 inches, Weight Each 7 1/2 Lbs. \$2.50

Designed for bisecting or dividing any angle, and for fitting mouldings or other woodwork into odd angles. The angle is first measured accurately by adjusting the angle divider in the corner it is desired to fit. This angle, owing to its construction, is always symmetric with the central shaft of the angle divider, and by laying this central shaft along the moulding to be cut, the correct angle bisected is marked, and by reversing the angle divider, the other corresponding angle can be marked. The central shaft is graduated on the back side for laying out 4, 6 or 8 sided work. Can also be used as a Try or T Square.

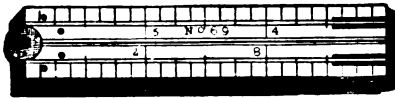
One-twelfth Dozen in a Box.

BOXWOOD RULES

STANLEY'S

Stanley's Boxwood Rules have a superiority due to quality and seasoning of the wood, the weight of the metal used in the joints and trimmings, the nicety of graduation, and the care given to the finish. All joints, plates, bindings, etc., in these rules are made of brass, which prevents rusting.

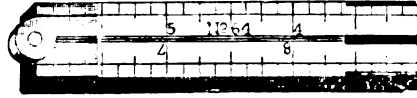
ONE FOOT, FOUR FOLD



No. 69— $\frac{1}{2}$ inch Wide, Round Joint, Middle Plates, Marked 8ths and 16ths of Inches, Weight Per Dozen $\frac{3}{4}$ Lb...\$2.00

One Dozen in a Box.

Stanley Boxwood Rules have Heavy Brass Tips.



No. 65— $\frac{1}{2}$ inch Wide, Square Joint, Middle Plates, Marked 8ths and 16ths of Inches, Weight Per Dozen $\frac{3}{4}$ Lb...\$2.25

No. 64—Same as No. 65, but with Edge Plates 3.25

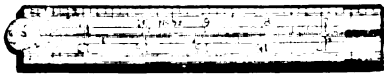
No. 65 $\frac{1}{2}$ —Same as No. 65, but Full Bound 6.50

TWO FOOT, FOUR FOLD



No. 68—1 inch Wide, Round Joints, Middle Plates, Marked 8ths and 16ths of Inches, Weight Per Dozen $1\frac{1}{2}$ Lbs.\$2.75

One Dozen in a Box.



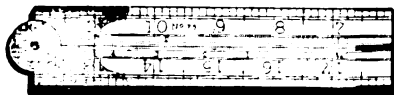
No. 51—1 inch Wide, Arch Joint, Middle Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen $1\frac{1}{2}$ Lbs.\$ 4.00

No. 52—Same as No. 51, but with Edge Plates 5.00

No. 52—1 inch Wide, Arch Joint, Half Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen $2\frac{1}{4}$ Lbs. 8.50

No. 54—Same as No. 52, but Full Bound 10.00

One-half Dozen in a Box.

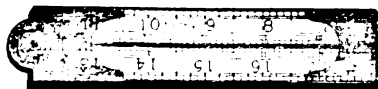


No. 75— $1\frac{1}{8}$ inches Wide, Arch Joint, Edge Plates, Marked 8ths, 10ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen 2 Lbs.\$ 7.00

No. 81— $1\frac{1}{8}$ inches Wide, Arch Joint, Edge Plates, Marked 12ths and 16ths of Inches, with Board Measure and Drafting Scale, Weight Per Dozen 2 Lbs. 9.00

No. 82—Same as No. 81, but Full Bound 14.00

One-half Dozen in a Box.

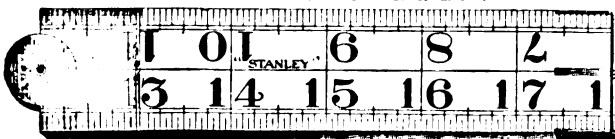


No. 59—1 inch Wide, Double Arch Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen $1\frac{1}{2}$ Lbs...\$ 6.00

No. 78— $1\frac{1}{8}$ inches Wide, Double Arch Joint, Half Bound, Marked 8ths, 10ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen 3 Lbs. 11.50

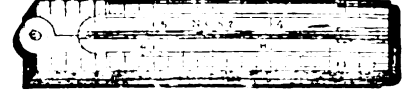
No. 78 $\frac{1}{2}$ —Same as No. 78, but Full Bound 14.00

One-half Dozen in a Box.



Called Blindman's Rules on account of the large figures designating the inches. These figures are nearly twice as large as those of the regular rule, and both figures and graduations are extra wide and black.

Made expressly for use by persons with poor eyesight or when working in poorly lighted places.



No. 55— $\frac{1}{2}$ inch Wide, Arch Joint, Middle Plates, Marked 8ths and 16ths of Inches, Weight Per Dozen $\frac{3}{4}$ Lb.....\$2.75

No. 57—Same as No. 55, but Full Bound 7.00

One-half Dozen in a Box.



No. 61—1 inch Wide, Square Joint, Middle Plates, Marked 8ths and 16ths of Inches, Weight Per Dozen $1\frac{1}{2}$ Lbs.\$ 3.50

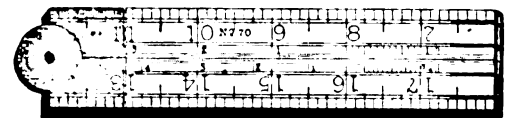
No. 63—1 inch Wide, Square Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen $1\frac{1}{2}$ Lbs. 4.50

No. 62 $\frac{1}{2}$ — $\frac{1}{2}$ inch Wide, Square Joint, Full Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches, Weight Per Dozen 2 Lbs. 7.50

No. 84—1 inch Wide, Square Joint, Half Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen $2\frac{1}{4}$ Lbs... 7.50

No. 62—Same as No. 84, but Full Bound 9.00

One-half Dozen in a Box.



No. 70— $1\frac{3}{8}$ inches Wide, Square Joint, Middle Plates, Marked 8ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen 2 Lbs.\$ 4.50

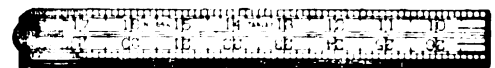
No. 72— $1\frac{1}{8}$ inches Wide, Square Joint, Edge Plates, Marked 8ths, 10ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen 2 Lbs. 5.50

No. 79— $1\frac{1}{8}$ inches Wide, Square Joint, Edge Plates, Marked 12ths and 16ths of Inches, with Board Measure and Drafting Scale, Weight Per Dozen 2 Lbs. 8.00

No. 72 $\frac{1}{2}$ — $1\frac{1}{8}$ inches Wide, Square Joint, Full Bound, Marked 8ths, 10ths and 16ths of Inches, with Drafting Scale, Weight Per Dozen 3 Lbs. 10.50

One-half Dozen in a Box.

THREE FOOT, FOUR FOLD



No. 66 $\frac{1}{2}$ —1 inch Wide, Arch Joint, Middle Plates, Marked 8ths and 16ths of Inches, Weight Per Dozen 2 Lbs.\$ 7.00

No. 66 $\frac{3}{4}$ —Same as No. 66 $\frac{1}{2}$, but Full Bound 17.50

One-half Dozen in a Box.

BLINDMAN'S, TWO FOOT, FOUR FOLD

No. 7— $1\frac{3}{8}$ inches Wide, Square Joint, Edge Plates, Marked 8ths and 16ths of Inches\$12.50

Weight Per Dozen 2 Pounds.

One-half Dozen in a Box.

BOXWOOD RULES

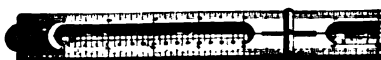
STANLEY'S

TWO FOOT, TWO FOLD



- No. 18—1½ inches Wide, Square Joint, Marked 8ths and 16ths of Inches.....\$4.50
 No. 018—1½ inches Wide, Square Joint, Marked with Metric Graduations on One Side and Inches on the Other Side 4.50
 Weight Per Dozen 2 Pounds.
 One-half Dozen in a Box.

ARCHITECTS', TWO FOOT, FOUR FOLD



- No. 58½—1 inch Wide, Arch Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale\$9.00
 The inside edges of these rules are beveled and divided into Drafting Scales ⅓, ¼, ⅕ and ⅙ inch to the foot. The beveling brings the edges close to the surface being scaled, which is a great convenience in laying out work or when used with a pencil.

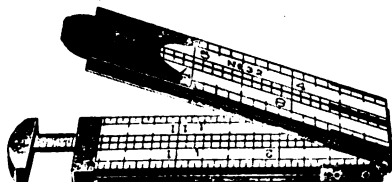
Weight Per Dozen 1½ Pounds.
 One-half Dozen in a Box.

CALIPER, SIX INCH, TWO FOLD

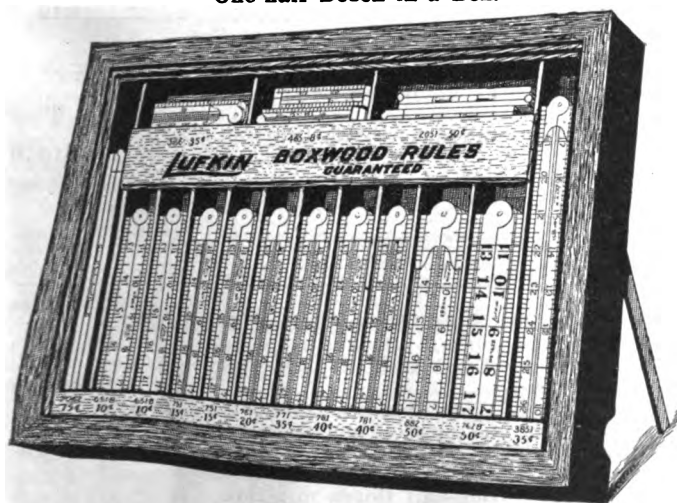


- No. 36—¾ inch Wide, Square Joint, Marked 8ths, 10ths, 12ths and 16ths of Inches, Left Hand Caliper Graduated in 16ths.....\$5.00
 Weight Per Dozen 1 Pound.
 One-half Dozen in a Box.

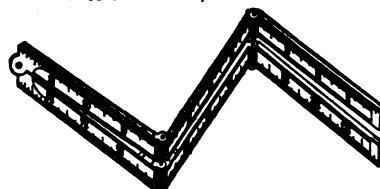
CALIPER, ONE FOOT, FOUR FOLD



- No. 32—1 inch Wide, Arch Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, Left Hand Caliper Graduated 16ths.....\$ 8.00
 No. 32½—Same as No. 32, but Full Bound..... 11.50
 Weight Per Dozen 1½ Pounds.
 One-half Dozen in a Box.



TWO FOOT, SIX FOLD



- No. 58—¾ inch Wide, Arch Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches.....\$ 7.50
 No. 58½—¾ inch Wide, Arch Joint, Full Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches.... 21.00
 Weight Per Dozen 1½ Pounds.
 One-half Dozen in a Box.

TWO FOOT, TWO FOLD, WITH GUNTER'S SLIDE



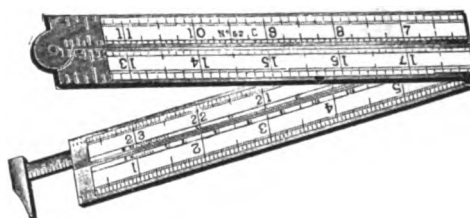
- No. 12—1½ inches Wide, Arch Joint, Bitted, Marked 8ths, 10ths and 16ths of Inches, 100ths of Feet, Drafting and Octagon Scales, with Slide.....\$11.00
 Gunter's Slide is a slide on one side of which are marked a series of numbers, and on the other side scales or logarithms of these numbers, by means of which multiplication and division may be performed mechanically.
 Weight Per Dozen 3 Pounds.
 One-half Dozen in a Box.

CALIPER, ONE FOOT, TWO FOLD



- No. 36½—1½ inches Wide, Square Joint, Marked 8ths, 10ths, 12ths and 16ths of Inches, Left Hand Caliper Graduated in 16ths.....\$12.50
 Weight Per Dozen 1½ Pounds.
 One-half Dozen in a Box.

CALIPER, TWO FOOT, FOUR FOLD



- No. 62C—1 inch Wide, Square Joint, Full Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches, Left Hand Caliper Graduated 32ds.....\$15.50
 Weight Per Dozen 3 Pounds.
 One-half Dozen in a Box.

BOXWOOD RULE DISPLAY CASE

LUFKIN

- No. 10 Assortment—Consists of 5½ Dozen, Twelve Different Styles of the Best Selling Boxwood Rules, Put up in a 17¼x12½x2½ inch Handsome Dark Oak Display Case with Glass Front.....\$27.00
 Weight Per Assortment 19 Pounds.

Contents of Display Case.

- | | |
|--|------------------------|
| 1½ Dozen No. 651B (68) | ¼ Dozen No. 882 (76) |
| 1 Dozen No. 751 (61) | ¼ Dozen No. 386 (32) |
| ¼ Dozen No. 761 (63) | ¾ Dozen No. 465 (69) |
| ¼ Dozen No. 771 (84) | ¼ Dozen No. 2051 |
| 1 Dozen No. 781 (62) | ¼ Dozen No. 3851 (66½) |
| ¼ Dozen No. 762B (7) | ¼ Dozen No. 2062 |
| Total Contents of Case at Retail Price, \$20.00. | |

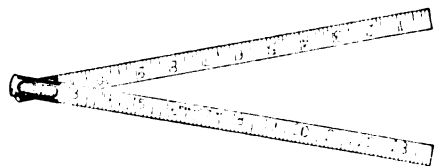
BOXWOOD RULES

CARRIAGE MAKERS', FOUR FOOT, FOUR FOLD



- No. 94—1½ inches Wide, Arch Joint, Full Bound,
Marked 8ths and 16ths of Inches.....\$30.00
Weight Per Dozen 6 Pounds.
One-half Dozen in a Box.

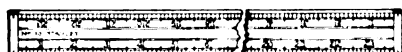
BLACKSMITHS' RULES



Spring Brass.

- No. 17—2 Foot, 2 Fold, Graduated in 8ths and 16ths
of Inches, ¾ inch Wide.....\$7.50
Joined together by a brass joint containing a stiff spring
which holds the rule rigid when open. Particularly adapted
for measuring hot metal as it can be cooled by plunging into
water without rusting.
Weight Per Dozen 2½ Pounds.
One-half Dozen in a Box.

PATTERN MAKERS' SHRINKAGE RULES



Boxwood, Brass Tips.

- No. 30—24¼ inches Long, 1¼ inches Wide, ¼ inch
Shrinkage Per Foot, Marked 8ths and 16ths of
Inches\$14.00
Weight Per Dozen 2 Pounds.
One-half Dozen in a Box.

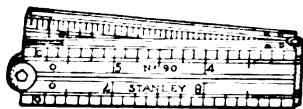
IVORY RULES

STANLEY'S

Genuine Ivory, thoroughly seasoned, is used in the manufacture of these rules. All Ivory Rules have German silver trimmings, and the utmost care is taken in machining and assembling the various parts.

Ivory is very susceptible to atmospheric conditions, consequently a contraction or expansion occurs as the weather may be dry or damp. For this reason Ivory Rules cannot be guaranteed to retain their accuracy as in the case of Boxwood Rules.

ONE FOOT, FOUR FOLD



- No. 90—½ inch Wide, Round Joint, Middle Plates,
Marked 8ths and 16ths of Inches.....\$15.00
Weight Per Dozen 1 Pound.
One Dozen in a Box.



- No. 86—1 inch Wide, Arch Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale
100ths of Feet, One in a Neat Leather Case.....\$66.00
No. 87—1 inch Wide, Arch Joint, Full Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale, One
in a Neat Leather Case.....110.00
Weight Per Dozen 2½ Pounds.
One-half Dozen in a Box.

SIX INCH, TWO FOLD



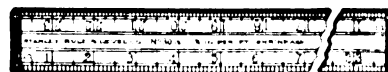
- No. 38—¾ inch Wide, Square Joint, Marked 8ths,
10ths, 12ths and 16ths of Inches, Left Hand Caliper
Graduated in 16ths, One in a Neat Leather
Case\$20.00
Weight Per Dozen 1 Pound.
One-half Dozen in a Box.

SHIP CARPENTER'S BEVEL



- No. 42—1 Foot, Boxwood, Brass Tips, One 7 inch and
One 4 inch Plain Brass Tongue, Graduated 8ths
and 16ths of Inches, Width Folded ⅝ inch.....\$4.50
Weight Per Dozen 1½ Pounds.
One Dozen in a Box.

PATTERN MAKERS' SHRINKAGE RULES

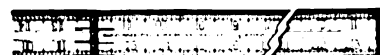


Boxwood, Brass Tips, Marked 8ths, 10ths, 12ths and 16ths of
Inches, 1½ inch Wide.

Nos.	30 ½ B	30 ½ E	30 ½ G
Length, Inches	24 ½	24 ¼	24 ½
Shrinkage Per Foot, Inches	1 ½	1 ¼	1 ¼
Per Dozen	\$16.00	16.00	16.00

Graduated to allow for shrinkage in different metals. The
spacing of graduations are based for work on patterns, the
figuring of graduations refer to castings.

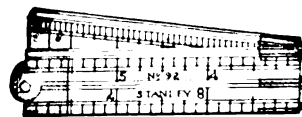
Weight Per Dozen 2 Pounds.
One-half Dozen in a Box.



Two Fold, Boxwood, Brass Tips.

- No. 31—24¼ inches Long, 1¼ inches Wide, ¼ inch
Shrinkage Per Foot, Marked 8ths and 16ths of
Inches\$16.00
Weight Per Dozen 2 Pounds.
One-half Dozen in a Box.

ONE FOOT, FOUR FOLD



- No. 92½—¾ inch Wide, Square Joint, Middle Plates,
Marked 8ths and 16ths of Inches.....\$19.00
No. 92—Same as No. 92½, but with Edge Plates.....22.00
Weight Per Dozen 1 Pound.
One-half Dozen in a Box.

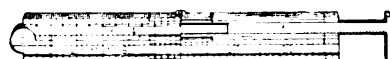
ONE FOOT, FOUR FOLD

- No. 88—¾ inch Wide, Arch Joint, Full Bound, Marked 8ths and 16ths of
Inches\$42.00
Weight Per Dozen 1 Pound. One-half Dozen in a Box.

TWO FOOT, FOUR FOLD

- No. 86—1 inch Wide, Arch Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale
100ths of Feet, One in a Neat Leather Case.....\$66.00
No. 87—1 inch Wide, Arch Joint, Full Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Drafting Scale, One
in a Neat Leather Case.....110.00
Weight Per Dozen 2½ Pounds.
One-half Dozen in a Box.

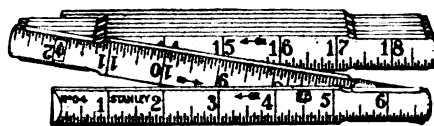
ONE FOOT, FOUR FOLD



- No. 39—¾ inch Wide, Square Joint, Edge Plates,
Marked 8ths, 10ths, 12ths and 16ths of Inches, Left
Hand Caliper Graduated in 16ths, One in a Neat
Leather Case\$52.00
No. 40—¾ inch Wide, Square Joint, Full Bound,
Marked 8ths and 16ths of Inches, Left Hand Caliper
Graduated in 16ths, One in a Neat Leather Case... 60.00
Weight Per Dozen 2 Pounds.
One-half Dozen in a Box.

ZIG ZAG RULES

STANLEY'S CONCEALED JOINT



These Rules are Regularly Marked with the Numbers 1, 2, 3, etc., Commencing on the Outside of the Rule.



Concealed Joint, $\frac{5}{8}$ inch Wide, Flexible Hardwood, Marked 16ths of Inches, Brass Plated Steel Joints and Tips, Patent Direction Arrows, Patent Strike Plates, 6 inch Folds.

Yellow Enameled.

Nos.	03	04	★04M	05	06	08
Length, Feet.....	3	4	4	5	6	8
Weight Per Dozen, Lbs..	1½	2	2	2¾	3¼	4¼
Per Dozen.....	\$4.50	6.00	6.00	7.50	9.00	12.00

★No. 04M has Metric Graduations on One Side Running Full Length of the Rule.

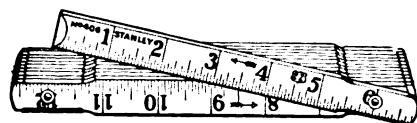
One-half Dozen in a Box.

White Enameled.

Nos.	103	104	105	106
Length, Feet.....	3	4	5	6
Weight Per Dozen, Lbs..	1½	2	2¾	3¼
Per Dozen.....	\$5.00	6.50	8.00	10.00

One-half Dozen in a Box.

STANLEY'S RIVET JOINT



Rivet Joint, $\frac{5}{8}$ inch Wide, Flexible Hardwood, Marked 16ths of Inches, Brass Plated Steel Joints and Tips, Patent Direction Arrows, 6 inch Folds.

Yellow Enameled.

Nos.	403	404	405	406
Length, Feet.....	3	4	5	6
Weight Per Dozen, Lbs..	1½	2	2¾	3¼
Per Dozen.....	\$4.00	5.50	7.00	8.50

White Enameled.

Nos.	503	504	505	506
Length, Feet.....	3	4	5	6
Weight Per Dozen, Lbs..	1½	2	2¾	3¼
Per Dozen.....	\$4.50	6.00	7.50	9.00

These Rules are regularly marked with the numbers 1, 2, 3, etc., commencing on the outside of the rule.

Style F—Yellow Enameled.

Same as No. 403 Series but with Nos. 1, 2, 3, etc., commencing on the inside, allowing the rule to lie flat when open. The figures 12, 24, 36, etc., are made extra large.

Nos.	403F	404F	405F	406F
Length, Feet.....	3	4	5	6
Per Dozen.....	\$4.00	5.50	7.00	8.50

One-half Dozen in a Box.

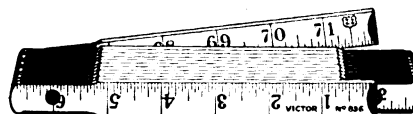
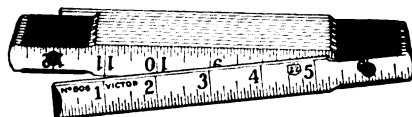
Style F—White Enameled.

Same as No. 503 Series, but with Nos. 1, 2, 3, etc., commencing on the inside, allowing the rule to lie flat when open. The figures 12, 24, 36, etc., are made extra large.

Nos.	503F	504F	505F	506F
Length, Feet.....	3	4	5	6
Per Dozen.....	\$4.50	6.00	7.50	9.00

One-half Dozen in a Box.

VICTOR RIVET JOINT



Rivet Joint, $\frac{5}{8}$ inch Wide, Flexible Hardwood, Marked 16ths of Inches, Blued Steel Joints and Tips, 6 inch Folds.

Yellow Enameled.

Nos.	803	804	805	806
Length, Feet.....	3	4	5	6
Weight Per Dozen, Lbs..	1½	1¾	2¼	3
Per Dozen.....	\$3.75	5.00	6.25	7.50

White Enameled.

Nos.	853	854	855	856
Length, Feet.....	3	4	5	6
Weight Per Dozen, Lbs..	1½	1¾	2¼	3
Per Dozen.....	\$4.00	5.50	7.00	8.00

These Rules are regularly marked with the numbers 1, 2, 3, etc., commencing on the outside of the Rule.

Style F—Yellow Enameled.

Same as No. 803 Series, but with Nos. 1, 2, 3, etc., commencing on the inside, allowing the rule to lie flat when open. The figures 12, 24, 36, etc., are made extra large.

Nos.	803F	804F	805F	806F
Length, Feet.....	3	4	5	6
Per Dozen.....	\$3.75	5.00	6.25	7.50

One-half Dozen in a Box.

Style F—White Enameled.

Same as No. 853 Series, but with Nos. 1, 2, 3, etc., commencing on the inside, allowing the rule to lie flat when open. The figures 12, 24, 26, etc., are made extra large.

Nos.	853F	854F	855F	856F
Length, Feet.....	3	4	5	6
Per Dozen.....	\$4.00	5.50	7.00	8.00

One-half Dozen in a Box.

STANLEY'S EXTENSION ZIG ZAG



Yellow Enameled.

Concealed Joint, $\frac{5}{8}$ inch Wide, Flexible Hardwood, Marked 16ths of Inches, Brass Plated Steel Joints and Tips, Patent Direction Arrows, Patent Strike Plates, 6 inch Folds.

No. 204—4 Feet Long, 6 inch Folds, Weight Per Dozen 3 Lbs.....	\$ 8.50
No. 206—6 Feet Long, 6 inch Folds, Weight Per Dozen 4 Lbs.....	11.00

These Rules have an extra leg termed an Extension Slide, making the rule an inside "Caliper," with which inside measurements can be readily obtained up to the length of the rule plus the length of the extension. For instance: Rule No. 204 would caliper 4 feet 6 inches; No. 206, 6 feet 6 inches.

EXTENSION RULES

STANLEY'S



Maple, Marked 8ths of Inches, Brass Trimmings, 1 inch Wide.

Nos.	240	360	480	510
Length, Feet	2 to 4	3 to 6	4 to 8	5 to 10
Per Dozen	\$10.00	12.00	13.50	16.50

These Rules are very useful for accurately measuring the distance between two fixed points. When extended to required length, the sections may be secured by the set screw. To read this rule, add to the number of feet indicated by large figure, nearest left end of rule, the inches and fractions of inches exposed from under left hand end of the upper section.

Average Weight Per Dozen 12 Pounds.

Open Stock.

MASTER SLIDE RULES

Interlocking.

Rust Proof.

Fool Proof.



For Inside and
Outside
Measurements.

Selected Boxwood, Finished with Waterproof Lacquer, Solid Brass Trimmings.

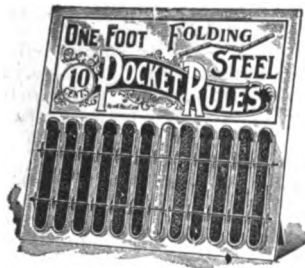
Nos.	4M	5M	6M	8M
Length, Feet	4	5	6	8
Weight Per Dozen, Lbs.	2	2 3/4	3	4
Per Dozen	\$6.00	8.00	10.00	12.00

The Master Slide Rule measures 8 inches when closed. By extending lower slide you have the exact measurement from point to point. When extended it is kept in place rigidly by strong steel springs that cannot get out of order. Has one side marked for inside measurements, the reverse side is just like any other rule. Can be opened and closed instantly.

One-half Dozen in 'a Box.

FOLDING STEEL POCKET RULES

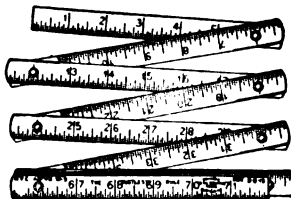
LUFKIN'S



No. 041—1 foot, 28 Gauge Finest Quality Spring Steel,
3/8 inch Wide, Graduated in Inches and 16ths.
Put Up in a Metal Bound Leather Case. \$1.50
Will bend to a 3 inch circle. Very neat and compact.
Weight Per Dozen 1/2 Pound.
One Dozen on a Display Card.

Per Dozen

"RUSTLESS"



Will Not Rust.
Large Figures.
Light Weight.
Strong and
Durable.

Luminoy, High Grade Spring Steel Joints, Large Figures, Graduated 16ths of an Inch on Both Sides.

Nos.	13	14	15	16
Length, Feet	3	4	5	6
Each	\$1.10	1.50	1.75	2.25

Luminoy, of which the rule is made, is a special alloy of aluminum, having a beautiful, bright surface, and requires no polishing or rubbing to keep it bright.

The figures are large and stamped in the metal. They cannot be rubbed out nor worn off by abrasion.

The light weight of this rule is one of its very desirable features. It is strong, durable and permanent.

One-half Dozen in a Box.



Without Leather Case.

Flexible Spring Steel, 3/8 inch Wide, Raised Figures, with Patent Stop Joints that Hold Rule True and Rigid when Extended.

Marked Inches and 16ths on Both Sides.

Nos.	1162	1163
Length, Feet	2	3
Joints, Inches	6	6
Weight Per Dozen, Lbs.	5 1/2	7 1/2
Per Dozen	\$7.50	10.00

One Dozen in a Box.



Same as Above, but with Leather Case.

Nos.	1162C	1163C
Per Dozen	\$10.00	14.00

One Dozen in a Box.

BRASS COUNTER RULES



No. 1068—3 feet Long, 3/4 inch Wide, 19 Gauge Hard Brass, Yards Subdivided into Fractions of Yards as Follows: 1/8, 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3. Drilled and Countersunk for Attaching to Counter, Weight Per Dozen 4 Lbs. \$11.00
One-half Dozen in a Box.

YARD STICKS



No. 41—3 feet Long, 1 inch Wide, Maple, Brass Tips. Marked 8ths of Inches On One Side, Fractions of Yards on Other Side. \$3.50
Weight Per Dozen 2 1/4 Pounds.
One Dozen in a Box.

WOOD MEASURES



- No. 71—4 feet Long, 1 1/4 inches Wide, Maple, Brass
Tips, Marked 8ths of Inches and 10ths of Feet...\$10.00
Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

Per Dozen

BOARD RULES



Best Quality Tempered Spring Steel, Nickel Plated and
Lacquered, Wood Handle, Leather Slide.

- No. 52—3 Tier, 3 feet Long, 1 inch Wide, Marked on
One Side to Measure 8, 10 and 18 feet, Other Side
12, 14 and 16 feet Boards.....\$38.00
This Rule will bend to the board, and when released return
exactly straight. Has a leather slide for handling the rule at
any part of the blade.
Weight Per Dozen 15 Pounds.

Per Dozen

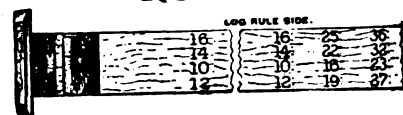


Very Best Selected Second Growth White Hickory, Burnt
Figures, Patent Socket Steel Head.

- No. 4—3 Tier, 3 feet Long, 1 1/4 inches Wide, Figured 30
inches, Marked on One Side to Measure 12, 14 and
16 feet, Other Side 18, 20 and 22 feet Boards,
Weight Per Dozen 6 Lbs.....\$24.00
Note—Length Given Includes 6 inch Handle.

Per Dozen

COMBINATION BOARD AND LOG RULES

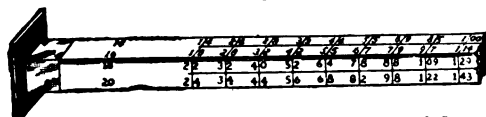


Very Best Selected Second Growth White Hickory, Burnt
Figures, Extra Heavy Steel Head Brazed to 1 1/2 inch
Heavy Brass Shoulder.

- No. 18—4 Tier, 3 feet Long, 1 1/4 inch Wide, Figured 30
inches, Marked to Measure 10, 12, 14 and 16 feet
Both Sides, One Side Board Measure, Other Side
Log Scale, Weight Per Dozen 6 1/2 Lbs.....\$32.00
Note—Scribner's Scale Will Always be Sent Unless Otherwise
Ordered.

Per Dozen

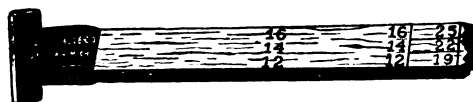
LOG RULES



Square, Selected Second Growth White Hickory, Burnt
Figures, Metal Head.

- No. 24—Scribner's Scale, 1 inch Square, 2 Tiers of Fig-
ures on Each Side, Figured 48 inches Full Length,
Weight Per Dozen 17 Lbs.....\$33.00
No. 28—Same as No. 24, but without Square Metal
Head 19.00

Per Dozen



Selected Second Growth White Hickory, Burnt Figures, Square
Metal Head.

- No. 14—Scribner's Scale, 4 feet Long, Figured 48
inches, Scale for 12 to 24 feet Logs, 8 inch Han-
dle, Weight Per Dozen 10 1/2 Lbs.....\$30.00
No. 014—Decimal C or Wisconsin Scale, Otherwise as
No. 14 30.00
No. 15—Scribner's Scale, 3 1/2 feet Long, Figured 36
inches, Scale 12 to 24 feet Logs, 6 inch Handle,
Weight Per Dozen 8 1/4 Lbs..... 27.00
No. 15C—Decimal C or Wisconsin Scale, Otherwise
Same as No. 15..... 27.00

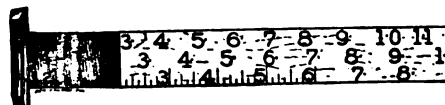
Per Dozen

BOARD MEASURES



- No. 49—3 feet Long, 1 inch Wide, Hickory, Brazed
Steel Head, 6 Lines, Marked to Measure 12 to 22
feet Boards\$22.00
Weight Per Dozen 4 Pounds.
One-half Dozen in a Box.

Per Dozen



Very Best Selected Second Growth White Hickory, Burnt
Figures, Extra Heavy Steel Head Brazed to 2 inch
Heavy Brass Shoulders.

Per Dozen

- No. 2—3 Tier, 3 feet Long, 1 1/4 inch Wide, Figured
30 inches, Marked on One Side to Measure 12, 14
and 16 feet, Other Side 18, 20 and 22 feet Boards,
Weight Per Dozen 6 Lbs.....\$29.00
No. 2N—Narrow, 3 Tier, 3 feet Long, 3/4 inch Wide,
Figured 30 inches, Marked on One Side to Meas-
ure 8, 10 and 18 feet, Other Side 12, 14 and 16
feet Boards, Weight Per Dozen 5 Lbs..... 29.00
No. 02N—Narrow, 3 Tier, 2 1/2 feet Long, 3/4 inch Wide,
Marked on One Side to Measure 6, 8 and 10 feet,
Other Side 12, 14 and 16 feet Boards, Weight Per
Dozen 4 1/2 Lbs..... 29.00
Note—Lengths Given Include 6 inch Handle.

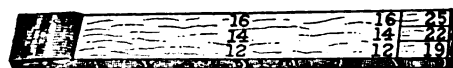


Very Best Selected Second Growth White Hickory, Burnt
Figures, Diamond Shaped Tempered Steel Head,
Brazed to Heavy Brass Shoulders.

Per Dozen

- No. 2D—3 Tier, 3 feet Long, 1 1/4 inches Wide, Fig-
ured 30 inches, Marked on One Side to Measure
6, 8 and 10 feet, Other Side 12, 14 and 16 feet
Boards\$30.00
No. 02D—Same as No. 2D, but Marked on One Side
to Measure 8, 10 and 12 feet, Other Side 14, 16 and
18 feet Boards..... 30.00

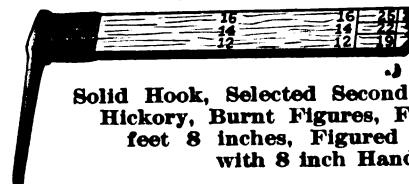
LOG RULES



Selected Second Growth White Hickory, Plain Steel Head.

Per Dozen

- No. 19—Scribner's Scale, 4 feet 8 inches Long, Figured
48 inches, Scale for 12 to 24 feet Logs, 8 inch Han-
dle, Weight Per Dozen 8 1/4 Lbs.....\$29.00
No. 019—Decimal C Scale, Otherwise Same as No. 19.. 29.00



Solid Hook, Selected Second Growth White
Hickory, Burnt Figures, Full Length 4
feet 8 inches, Figured 48 inches,
with 8 inch Handle.

Per Dozen

- No. 16S—With Scribner's Scale.....\$31.00
No. 16D—With Doyle's Scale 31.00
No. 016 —With Decimal C Scale..... 31.00
Weight Per Dozen 10 Pounds.

MARKING STICKS

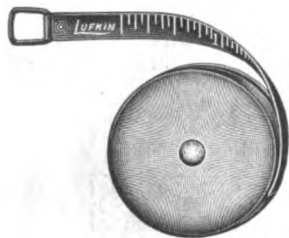


For Lumber Crayons.

Per Dozen

- No. 1—Nicely Plated Crayon Holder, Complete with 36
inch Hickory Handle, Weight Per Dozen 7 1/2 Lbs...\$24.00
No. 2—Nickel Plated Crayon Holder, without Handle,
Weight Per Dozen 2 1/4 Lbs..... 11.00

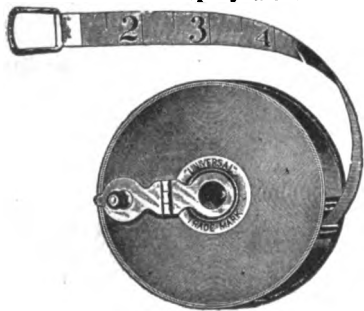
MEASURING TAPES

"MARVEL" LINEN POCKET

Per Dozen
No. 3175—5 feet, $\frac{1}{4}$ inch Enam-
eled Linen Tape, Marked
Inches and 8ths on One Side
Only, Nickel Plated Brass
Case, Spring Wind, Center
Stop \$4.50
A very handsome and durable article.
Weight Per Dozen 1 Pound.
One-half Dozen in a Box.

UNIVERSAL POCKET

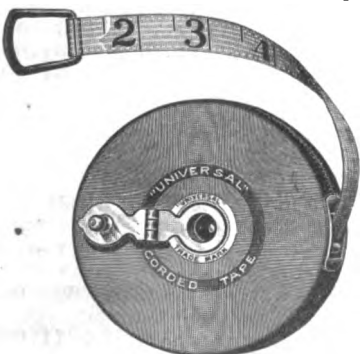
Per Dozen
No. 165—5 feet, Good Quality
Painted Tape, Marked Inches
and 8ths, Nickeloid Case,
Spring Wind, Center Stop... \$1.75
A handsome pocket tape of excellent
quality.
Weight Per Dozen 1 Pound.
One Dozen in a Strong and Attractive
Display Box.

**UNIVERSAL**

Stitched Patent Leather Case, Brass Folding Handles, Brass Ring and Trimmings.
 $\frac{1}{4}$ inch Cotton Tape, Waterproof Coated.

Nos.	813	814	815	816
Length, Feet	50	66	75	100
Weight Per Dozen, Lbs.	4 $\frac{1}{4}$	5 $\frac{1}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{4}$
Per Dozen	\$10.00	12.00	14.00	17.00

One-half Dozen in a Box.

**LINEN POCKET**

Per Dozen
No. 175—5 feet, $\frac{1}{4}$ inch Enam-
eled Linen Tape, Marked
Inches and 8ths on One Side
Only, Round Edge Nickel
Plated Brass Case, Spring
Wind, Center Stop..... \$4.50
Weight Per Dozen 1 Pound.
One-half Dozen in a Box.

"MARVEL" STEEL POCKET

A
Beautiful
and
Durable
Article.

Per Dozen
No. 3143— 3 feet, $\frac{1}{4}$ inch Steel
Tape, Marked Inches and
16ths, Nickel Plated Case,
Spring Wind, Center Stop... \$4.50
Weight Per Dozen 1 Pound.
One Dozen in an Attractive Leatherette
Display Box.

UNIVERSAL

Brass Bound Asses Skin Case, Cream Enam-
eled Sides, Brass Folding Handle,
Brass Ring and Trimmings.

$\frac{1}{4}$ inch Cotton Tape, Waterproof Coated.

Nos.	710	713	714	715	716
Length, Ft.	25	50	66	78	100
Wt. Dz., Lbs.	2 $\frac{1}{2}$	4	5	5 $\frac{1}{2}$	6 $\frac{1}{4}$
Per Dozen..	\$5.00	7.00	8.00	10.00	12.00

One-half Dozen in a Box.

METALLIC

With Instantaneous Readings.

Hard Leather Case, Folding Handle, Nickel
Plated Trimmings.

$\frac{5}{8}$ inch Best Woven Linen Tape with
Metallic Warp, Marked 12ths of Feet on One
Side Only.

Nos.	500	503	504	505	506
Length, Feet.	25	50	66	75	100
Wt. Each, Oz.	8	13	15	17	21
Each	\$3.00	4.25	4.75	5.00	6.50

One in a Box.

STEEL POCKET

Per Dozen
No. 146—6 feet, $\frac{1}{4}$ inch Steel
Tape, Marked Inches and
16ths on One Side Only,
Round Edge Nickel Plated
Brass Case, Spring Wind,
Center Stop \$14.00
No. 148—8 feet, Otherwise Same
as No. 146..... 19.00
No. 143EM—3 feet, $\frac{1}{4}$ inch Steel
Tape, Marked Inches and
16ths on One Side, Milli-
meters on Other Side, Round
Edge Nickel Plated Brass
Case, Spring Wind, Center
Stop 12.00
No. 145EM—5 feet, Otherwise
Same as No. 143EM..... 14.00
Weight Per Dozen 1 $\frac{1}{4}$ Pounds.
One-half Dozen in a Box.

UNIVERSAL

Bend Russet Leather Case, Natural Color
Finish, Brass Folding Handle and
Trimmings.

$\frac{5}{8}$ inch Tape, Corded with Pure Un-
bleached Linen, Waterproof Coated.

Nos.	943	945	946
Length, Feet...	50	75	100
Wt. Dozen, Lbs.	5 $\frac{1}{4}$	7	9 $\frac{1}{2}$
Per Dozen.....	\$26.00	30.00	38.00

One-half Dozen in a Box.

CHESTERMAN'S

No. 34L—Bend Rus-
set Leather Case,
Natural Color Fin-
ish, Brass Folding
Handle and Trim-
mings.

$\frac{5}{8}$ inch Woven
Linen Metallic Warp
Tape, Marked 10ths
or 12ths on Both
Sides.

Feet	50	66	75	100
Wt. Ea., Lbs.	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Each	\$4.50	5.50	6.00	6.75

One in a Box.

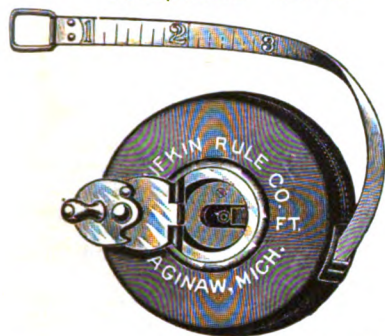
No. 1038L—Bend Russet Leather Case,
Natural Color Finish, Brass Fold-
ing Handle and Trimmings.

Feet	50	66
Weight Each, Lbs.	$\frac{3}{4}$	1
Each	\$10.00	13.00
Feet	75	100
Weight Each, Lbs.	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Each	\$14.50	16.00

One in a Box.

MEASURING TAPES

"RELIABLE" STEEL



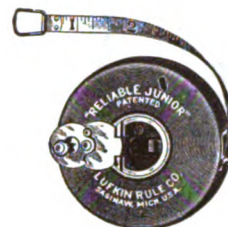
Instantaneous Readings.



The above illustration gives a fair idea of this marked improvement.

Briefly described, it consists of repeating the foot marks at each inch in small, yet easily distinguishable figures. Thus, the total reading is brought directly before the eye, eliminating all chance for a possible error, to say nothing of the saving of time.

"RELIABLE JR." STEEL



With Instantaneous Readings.

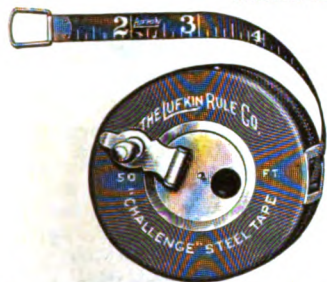
Metal Lined Hard Leather Case, Double Folding Flush Handle Opened by Pressing on Opposite Side, Nickel Plated Trimmings.

$\frac{3}{4}$ inch Steel Tape, Marked Feet, Inches and 8ths on One Side, Links on Back.

Nos.	203	204	205	206
Length, Feet	50	66	75	100
Weight Each, Lbs.	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Each	\$10.00	12.00	14.00	16.00

One in a Box.

"CHALLENGE" STEEL



With Instantaneous Readings.

Metal Lined Hard Leather Case, Folding Flush Handle Opened by Pressing Pin on Opposite Side, Nickel Plated Trimmings.

$\frac{3}{4}$ inch Steel Tape, Marked Feet, Inches and 8ths on One Side Only.

Nos.	260	263	265	266
Length, Feet	25	50	75	100
Weight Each, Lbs.	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$
Each	\$5.00	6.00	8.00	10.00

One in a Box.

BANNER STEEL



With Instantaneous Readings.

Steel Case, Covered with Handsome Mottled Black "Auto" Leather, Folding Flush Handle Opened by Pressing Pin on Opposite Side, Nickel Plated Trimmings.

$\frac{3}{8}$ inch Nubian Finished Steel Tape, Marked Feet, Inches and 8ths on One Side Only.

Nos.	550	553	555	556
Length, Feet	25	50	75	100
Weight Each, Lbs.	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$
Each	\$3.50	4.25	5.50	7.00

One in a Box.

K. & E. "DARTMOUTH" METALLIC



Graduations "Ready Reading."

Stout Bent Leather Case, Long Folding Handle, Center Adjustable for Wear, Nickel Plated Trimmings.

$\frac{3}{8}$ inch Metallic Tape, Interwoven with Metal, Leather Reinforced End, Marked 12ths, Graduations Begin at Outside End of Ring.

Nos.	7440T	7442T	7443T	7444T	7445T
Length, Feet ...	25	50	66	75	100
Wt. Each, Lbs. ..	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Each	\$3.00	4.25	4.75	5.00	6.50

One in a Box.

With Instantaneous Readings.

Metal Lined Hard Leather Case, Double Folding Flush Handle Opened by Pressing on Opposite Side, Nickel Plated Trimmings.

$\frac{1}{4}$ inch Steel Tape, Marked Feet, Inches and 16ths on One Side Only.

Nos.	100	103
Length, Feet	25	50
Weight Each, Lbs.	$\frac{1}{4}$	$\frac{3}{8}$
Each	\$5.50	6.50

One in a Box.

"CHALLENGE JR." STEEL



With Instantaneous Readings.

Metal Lined Hard Leather Case, Folding Flush Handle Opened by Pressing Pin on Opposite Side, Nickel Plated Trimmings.

$\frac{1}{4}$ inch Steel Tape, Marked Feet, Inches and 8ths on One Side Only.

Nos.	1260	1263
Length, Feet	25	50
Weight Each, Lbs.	$\frac{1}{4}$	$\frac{3}{8}$
Each	\$4.50	5.50

One in a Box.

K. & E. "CORNELL" STEEL

Graduations "Ready Reading."



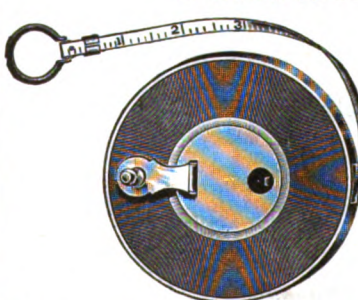
Stout Bent Leather Case, Patent Center, Long Swiveling Flush Folding Handle, Opened by Pushing Handle Pin from Opposite Side of Case, Center Adjustable for Wear, Nickel Plated Trimmings.

$\frac{3}{8}$ inch Steel Tape, Marked 12ths, Graduations Begin at Outside of Ring.

Nos.	7250T	7252T	7253T	7254T	7255T
Length, Feet ...	25	50	66	75	100
Wt. Each, Lbs. ..	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Each	\$6.00	10.00	12.00	14.00	17.00

One in a Box.

ENGINEER'S PATTERN STEEL



With Instantaneous Readings.

Black Enameled Heavy Steel Case, Folding Flush Handle Opened by Pressing Pin on Opposite Side, Nickel Plated Trimmings.

$\frac{1}{4}$ inch Heavy Steel Tape, Marked Feet, Inches and 8ths on One Side Only.

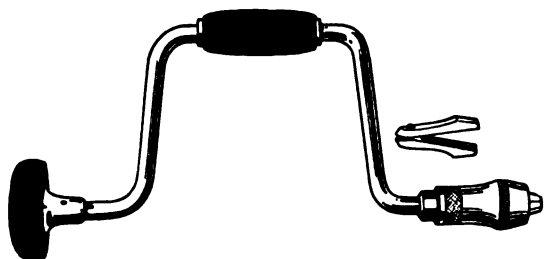
Nos.	231 $\frac{1}{2}$	233 $\frac{1}{2}$	235 $\frac{1}{2}$	236 $\frac{1}{2}$
Length, Feet	33	50	75	100
Weight Each, Lbs.	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Each	\$6.00	8.00	13.00	16.00

Note—The Tape can be readily detached from case and we furnish an extra ring for the other end.

One in a Box.

BIT BRACES

SLEEVE



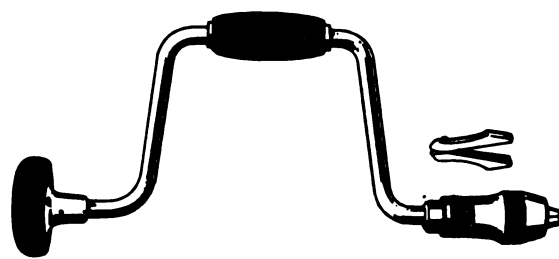
Polished.

Steel Sweep, Hardwood Head and Handle, Machined Chuck, Plain Hardened Steel Jaws.

Nos.	08	010
Sweep, Inches	8	10
Weight Per Dozen, Lbs.	20	22
Per Dozen	\$6.50	7.00

One-half Dozen in a Box.

Extra Jaws..... Per Pair, \$0.20



Nickel Plated.

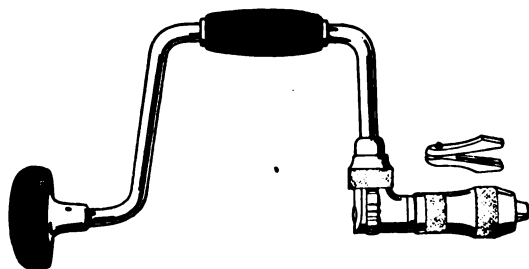
Steel Sweep, Hardwood Head and Handle, Machined Chuck, Plain Hardened Steel Jaws.

No.	35
Sweep, Inches	10
Weight Per Dozen, Lbs.	24
Per Dozen	\$13.00

One-half Dozen in a Box.

Extra Jaws..... Per Pair, \$0.20

OPEN RING RATCHET



Polished.

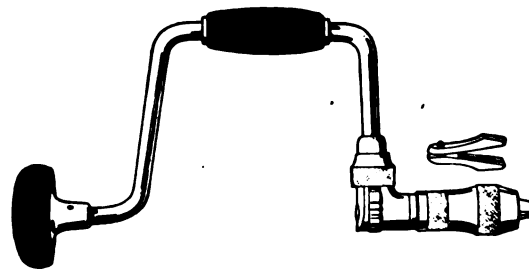
Steel Sweep, Hardwood Head and Handle, Open Ring Ratchet, Machined Chuck, Plain Hardened Steel Jaws.

Nos.	710	712
Sweep, Inches	10	12
Weight Per Dozen, Lbs.	27	30
Per Dozen	\$16.50	18.00

One-half Dozen in a Box.

Extra Jaws..... Per Pair, \$0.20

VICTOR OPEN RING RATCHET



Nickel Plated.

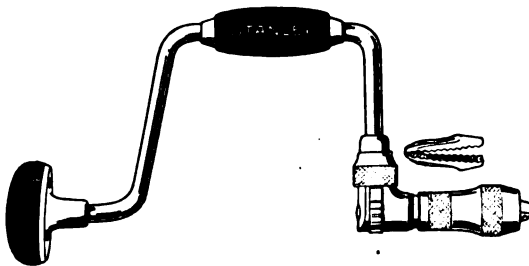
Steel Sweep, Hardwood Head and Handle, Open Ring Ratchet, Machined Chuck, Plain Hardened Steel Jaws.

Nos.	510	512
Sweep, Inches	10	12
Weight Per Dozen, Lbs.	29	32
Per Dozen	\$23.00	24.00

One-half Dozen in a Box.

Extra Jaws..... Per Pair, \$0.25

STANLEY'S CONCEALED RATCHET, BALL BEARING



Nickel Plated.

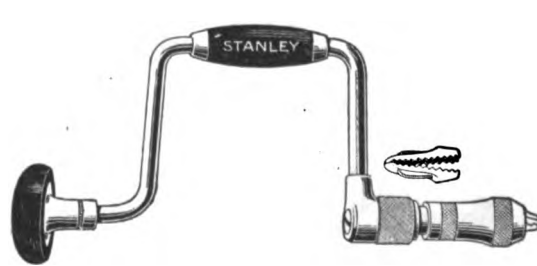
Steel Sweep, Metal Clad Ebonized Hardwood Head, Ebonized Hardwood Handle, Open Ring Ratchet, Machined Jaws, Drop Forged Steel Alligator Jaws.

Nos.	1010	1012
Sweep, Inches	10	12
Weight Per Dozen, Lbs.	32	36
Per Dozen	\$28.00	30.00

One-half Dozen in a Box.

Extra Jaws..... Per Pair, \$0.30

BARBER'S IMPROVED, BALL BEARING



Heavily Nickel Plated.

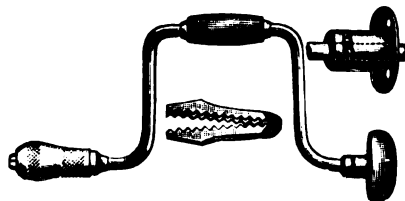
Steel Sweep, Cocobolo Head and Handle, Concealed Ratchet, Drop Forged Steel Alligator Jaws.

Nos.	921-6	921-8	921-10	921-12	921-14
Sweep, Inches	6	8	10	12	14
Wt. Per Dozen, Lbs.	31	33	37	39	42
Per Dozen.....	\$42.00	42.00	44.00	46.00	48.00

One-sixth Dozen in a Box.

Extra Jaws..... Per Pair, \$0.35

BARBER'S IMPROVED OPEN RATCHET



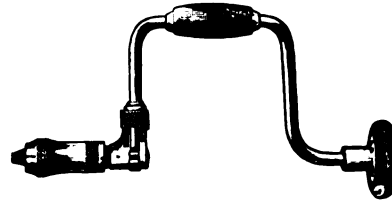
Nickel Plated.

Steel Sweep, Ball Bearing Hardwood Head, Non-Splitting Free Acting Hardwood Handle with Inserted Steel Rings, Forged Steel Alligator Jaws.

Nos.	14	13	12	11	10
Sweep, Inches	6	8	10	12	14
Wt. Per Dozen, Lbs.	22	25	29	31	36
Per Dozen.....	\$30.00	30.00	32.00	36.00	38.00

One-half Dozen in a Box.

Extra Jaws..... Per Pair, \$0.35



Nickel Plated.

Steel Sweep, Stained Hardwood Head and Handle, Open Ratchet, Malleable Iron Alligator Jaws.

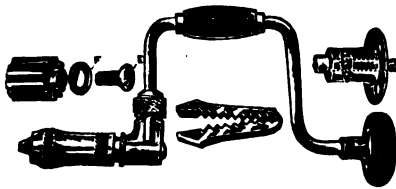
Nos.	423	422	421
Sweep, Inches	8	10	12
Weight Per Dozen, Lbs.	28	32	34
Per Dozen	\$24.00	25.00	26.00

One-half Dozen in a Box.

Extra Jaws Per Pair, \$0.35

BIT BRACES

BARBER'S IMPROVED RATCHET, BALL BEARING



Nickel Plated.

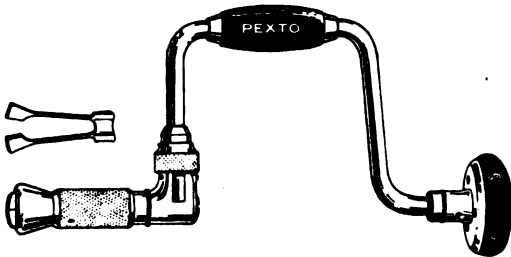
Steel Sweep, Ball Bearing Cocobolo Head, Non-Splitting Free Acting Cocobolo Handle with Inserted Steel Rings, Forged Steel Alligator Jaws Holding Bit Stock and Many Sizes of Round and Irregular Shanks.

Nos.	34	33	32	31	30
Sweep, Inches....	6	8	10	12	14
Wt. Dozen, Lbs....	30	33	37	39	45
Per Dozen	\$41.00	41.00	48.00	45.00	49.00

One-sixth Dozen in a Box.

Extra Jaws..... Per Pair, \$0.35

PEXTO RATCHET, BALL BEARING



Nickel Plated.

Steel Sweep, Ball Bearing Steel Clad Lignumvitae Head, Cocobolo Handle, Box Ring Ratchet, Extra Knurled Steel Chuck with Machine Cut Thread, One Piece Self Centering Forged Steel Jaws.

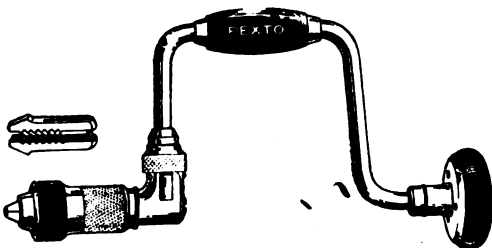
Nos.	7006	7008	7010	7012	7014
Sweep, Inches....	6	8	10	12	14
Wt. Per Dozen, Lbs.	29	33	37	41	43
Per Dozen.....	\$39.00	39.00	41.00	43.00	45.00

One-sixth Dozen in a Box.

Extra Jaws..... Per Pair, \$0.30

BIT BRACES

SAMSON RATCHET, BALL BEARING



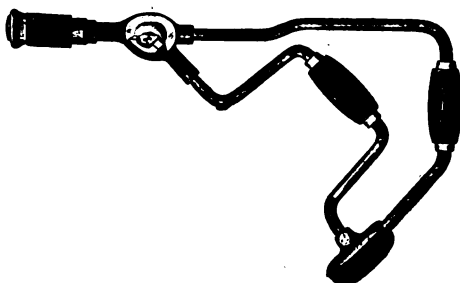
Highly Polished and Nickel Plated.

Heavy Steel Sweep, Ball Bearing Steel Clad Cocobolo Head, Cocobolo Handle, Box Ring Ratchet, Samson Ball Bearing Chuck, Drop Forged Steel Alligator Jaws, Chuck Capacity 1/2 to 1/2 inch Round and Square Shanks.

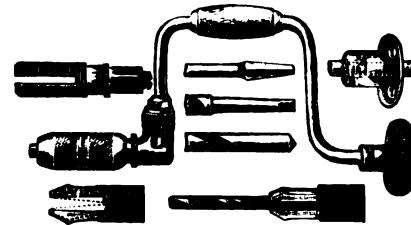
Nos.	8006B	8008B	8010B	8012B	8014B
Sweep, Inches....	6	8	10	12	14
Wt. Per Dozen, Lbs.	32	38	40	43	45
Per Dozen	\$46.00	46.00	48.00	50.00	52.00

One-sixth Dozen in a Box.

Extra Jaws..... Per Pair, \$0.30



HOLDALL RATCHET, BALL BEARING



Nickel Plated, with Master Chuck.

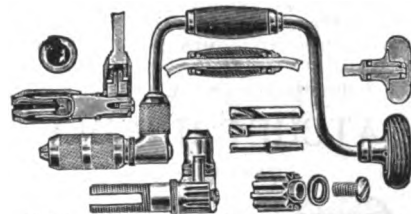
Steel Sweep, Ball Bearing Cocobolo Head, Non-Splitting Free Acting Cocobolo Handle with Inserted Steel Rings, with Master Chuck Holding 1/4 to 1/2 inch Round Shanks, No. 1 Morse Taper, Bit Stock and Expansion Bit Shanks.

Nos.	782	781	780
Sweep, Inches	10	12	14
Weight Per Dozen, Lbs...	42	44	51
Per Dozen	\$46.00	50.00	58.00

One-sixth Dozen in a Box.

Extra Jaws..... Per Pair, \$0.55

MASTER RATCHET, BALL BEARING



Nickel Plated, with Master Chuck.

Steel Sweep, Ball Bearing Cocobolo Head, Non-Splitting Cocobolo Handle with Adjustable Ball Bearings, Covered Ratchet, with Master Chuck Holding 1/4 to 1/2 inch Round Shanks, No. 1 Morse Taper, Bit Stock and Expansion Bit Shanks.

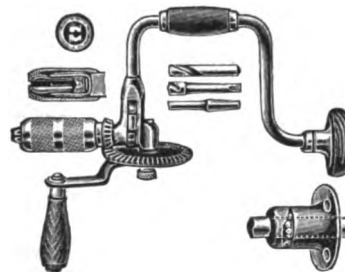
Nos.	833	832	831
Sweep, Inches	8	10	12
Weight Per Dozen, Lbs...	38	41	44
Per Dozen	\$54.00	55.00	58.00

One-sixth Dozen in a Box.

Extra Jaws..... Per Pair, \$0.55

DRILL BRACES

MILLERS FALLS RATCHET, BALL BEARING



Per Dozen

No. 182—10 inch Nickel Plated Steel Sweep, Ball Bearing Cocobolo Head, Cocobolo Handle, with Master Chuck Holding 1/4 to 1/2 inch Round Shanks, No. 1 Morse Taper, Bit Stock and Expansion Bit Shanks.....\$60.00

The drilling attachment can be removed in a moment's time and the tool used as an ordinary bit brace.

Weight Per Dozen 57 Pounds.

One-twelfth Dozen in a Box.

CORNER BIT BRACES

FRAY'S

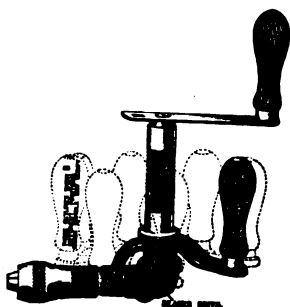
All Steel, Red Enameled Frame, Highly Polished and Nickel Plated Parts, Cut Gears, Cocobolo Head and Handles.

Nos.	80	100
Sweep, Inches	8	10
Weight Per Dozen, Lbs....	55	57
Per Dozen	\$61.00	64.00

One-sixth Dozen in a Box.

CORNER BIT BRACES

UNIVERSAL



No. 215—Length from Extreme End of Operating Handle to Gearing 10 inches, Distance from Gearing to End of Chuck 6 inches, Nickel Plated Parts, Japanned Frame, Hardwood Handle, Chuck Holds Square Shanks **\$54.00**

The steadying handle attached to the knurled sleeve can occupy any one of the eight positions shown in above cut. The geared drive is completely enclosed. The operating handle is adjustable to two different lengths.

Weight Per Dozen 42 Pounds.
One-twelfth Dozen in a Box.

RATCHET HANDLES

UNIVERSAL



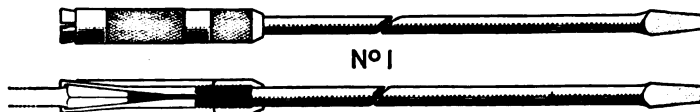
No. 83—8 inch Iron Handle, Ball Bearing Lignum vitae Head, with Shifter Operating the Ratchet Mechanism **\$24.00**

The Shifter can be made either right or left hand at the operator's pleasure. The socket has a square taper hole provided with a set screw for fastening the bit, screw driver or nut wrench in place.

Weight Per Dozen 21 Pounds.
One-twelfth Dozen in a Box.

EXTENSION BIT HOLDERS

STANLEY'S



No. 1—Steel, Polished and Nickel Plated, $\frac{1}{8}$ inch Tip, Chuck Follows Bits $\frac{5}{8}$ inch Diameter and Larger into their Bores.

Length, Inches	16	20
Weight Per Dozen, Lbs.	7	9
Per Dozen	\$21.00	22.00

The bit socket and shank are of one piece of steel and so constructed that the bit will not work loose while boring.
One-half Dozen in a Box.

FRAY'S



No. 3—Steel, Polished and Nickel Plated, Forged Steel Jaws, Chuck Follows Bits $\frac{5}{8}$ inch Diameter and Larger Into Their Bores.

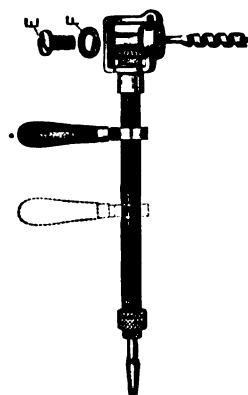
Length, Inches	16	20
Weight Per Dozen, Lbs.	7	9
Per Dozen	\$21.00	22.00

The chuck is formed on the end of the extension rod. The sleeves are made of seamless steel tubing.

One-half Dozen in a Box.

SILL BORERS

MILLERS FALLS, BALL BEARING



For use in connection with a bit brace or breast drill in boring at right angles in cramped places and indispensable for car builders, electricians, carpenters, and other wood workers.

No. 51—16 $\frac{1}{2}$ inches Long, Depth of Head 2 $\frac{3}{8}$ inches, Malleable Iron Frame, Hardened Steel Working Parts, Adjustable Steadying Handle, with Patent Cup Washer and Screw to Hold Head in Place without Working Loose..... **\$48.00**

Weight Per Dozen 35 Pounds.
One-twelfth Dozen in a Box.

ANGULAR BIT STOCKS

UNIVERSAL



No. 108—Japanned Body, with Nickel Plated Master Chuck for Holding $\frac{1}{8}$ to $\frac{1}{2}$ inch Round Shanks, No. 1 Morse Taper, Bit Stock and Expansion Bit Shanks **\$32.00**

To be used with a bit brace or a breast drill either as an extension or angular borer. The adjustable arc varies angle from 180 to 125 degrees. (Length when at 180 degrees) 12 $\frac{1}{2}$ inches.

Weight Per Dozen 26 Pounds.
One-twelfth Dozen in a Box.

Extension Bit Holder will extend the bit, enabling the user to bore through walls, floors, etc., where the ordinary bit will not reach.

MILLERS FALLS EXTENSION



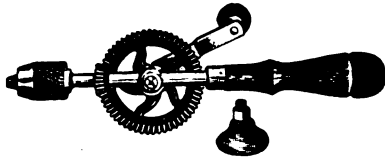
No. 6—16 $\frac{1}{2}$ inches Long when Collapsed, 24 inches Long when Extended, Steel, Polished and Nickel Plated, Chuck Follows Bits $\frac{5}{8}$ inch Diameter and Larger into their Bores..... **\$29.00**

The outer sleeve telescopes over and engages at 1 $\frac{1}{2}$ inch intervals upon inner spindle, combining lightness with strength. Four strong steel jaws, made in one piece, grip firmly over shoulder of bit stock and shank.

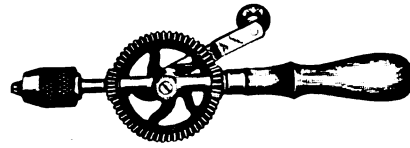
Weight Per Dozen 14 Pounds.
One-twelfth Dozen in a Box.

HAND DRILLS

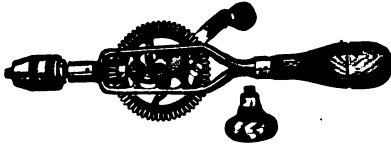
MILLERS FALLS



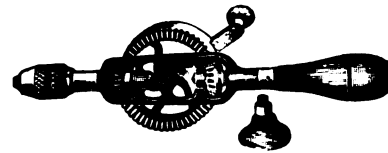
- No. 303—11 1/4 inches Long, Solid Steel Frame, Red Large Gear, Nickel Plated Metal Parts, Cut Gears, Steel Pinion, Stained Hardwood Handles, Hollow End Handle with Screw Cap, Detachable Side Handle, Three-Jawed Chuck Holding 0 to 3/8 inch Round Shanks\$25.00
Weight Per Dozen 18 Pounds.



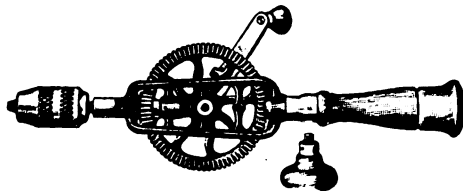
- No. 313—11 1/4 inches Long, with Idler Gear to Equalize Bearings, Solid Steel Frame, Red Large Gear, Nickel Plated Metal Parts, Cut Gears, Steel Pinion, Stained Hardwood Handles, Solid End Handle, Detachable Side Handle, Three-Jawed Chuck Holding 0 to 3/8 inch Round Shanks.....\$27.00
Weight Per Dozen 18 Pounds.



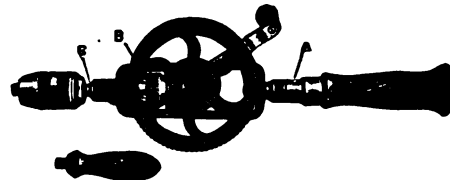
- Ball Thrust Bearing.** Per Dozen
No. 1—12 1/2 inches Long, Black Enameled Malleable Iron Frame, Red Large Gear, Nickel Plated Parts, Cut Gears with Adjustable Equalizing Bearings, Steel Pinion, Hardwood Handles, Hollow End Handle with Screw Cap Containing Eight (1/8 to 1/4 inch) Drill Points, Detachable Side Handle, Three-Jawed Chuck Holding 0 to 3/8 inch Round Shanks\$30.00
Weight Per Dozen 20 Pounds.



- Ball Thrust Bearing.** Per Dozen
No. 5—12 1/2 inches Long, Black Enameled Malleable Iron Frame, Red Large Gear with Wide Rim to be Grasped Between Thumb and Fingers when Delicate Work is to be Done, Nickel Plated Parts, Cut Gears, Idler Gear, Hardwood Handles, Hollow End Handle with Screw Cap Containing Eight (1/8 to 1/4 inch) Drill Points, Detachable Side Handle, Three-Jawed Chuck Holding 0 to 3/8 inch Round Shanks..\$33.00
Weight Per Dozen 22 Pounds.



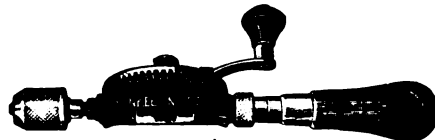
- Ball Thrust Bearing.** Per Dozen
No. 2—14 1/2 inches Long, Black Enameled Malleable Iron Frame, Red Large Gear, Nickel Plated Parts, Cut Gears with Adjustable Friction Roll to Equalize Bearings, Steel Pinion, Hardwood Handles, Hollow End Handle with Screw Cap Shaped so Tool May be Used as a Breast Drill and Containing Eight (1/8 to 1/4 inch) Drill Points, Detachable Side Handle, Three-Jawed Chuck Holding 0 to 3/8 inch Round Shanks\$46.00
Weight Per Dozen 29 Pounds.



- Ball Thrust Bearing.** Per Dozen
No. 98—15 1/4 inches Long, Black Enameled Malleable Iron Frame, Red Large Gear, Nickel Plated Parts, Changeable Speed, Inclosed Steel Pinions and Shifting Device, Cut Gears with Adjustable Friction Roll to Equalize Bearings, Stained Hardwood Handles, Detachable Hollow End Handle Shaped so Tool may be Used as a Breast Drill, Detachable Side Handle, Three-Jawed Chuck Holding 0 to 3/8 inch Round Shanks.....\$54.00
Weight Per Dozen 38 Pounds.

YANKEE SINGLE SPEED.

This Drill can be adjusted to different workings by a Shifter on Cylinder, with slide in first notch the tool is a Plain Drill; in second, a Left Hand Ratchet;



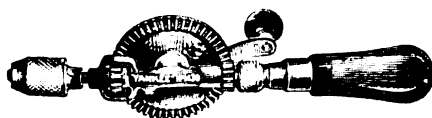
in third a Right Hand Ratchet; in fourth, a Double Ratchet; in fifth, Drill is locked to adjust chuck.

With Right and Left Hand and Continuous Ratchet Movement.

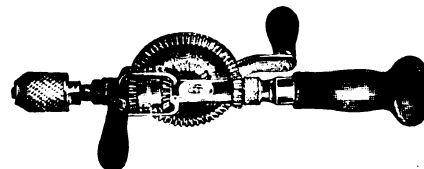
- No. 1530—10 1/2 inches Long, Dead Black Finished Malleable Iron Frame, Steel Spindle, Cut Gears, 4x1 1/2 inch Detachable Hollow Hardwood Handle, Nickel Plated Three-Jawed Chuck Holding Up to 3/8 inch Round Shanks Only, without Drill Points, Weight Each 1 1/4 Lbs.....\$4.25
Instead of ball bearings the thrust on spindle is taken by a hardened steel bearing in lower end of frame and so arranged that any wear can be readily taken up. Interior of handle can be used as a magazine for drills.

YANKEE "PLAIN" SINGLE SPEED

YANKEE "PLAIN" DOUBLE SPEED, BALL BEARING



- No. 1430—10 3/4 inches Long, Dead Black Finished Malleable Iron Frame, Steel Spindle, Cut Gears, 4x1 1/2 inch Detachable Hollow Hardwood Handle, Nickel Plated Three-Jawed Chuck Holding Up to 3/8 inch Round Shanks Only, without Drill Points, Weight Each 1 1/4 Lbs.....\$3.00

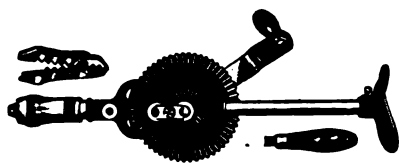


- No. 1445—15 3/4 inches Long, Dead Black Finish Malleable Iron Frame, Adjustable Ball Bearings, Steel Spindle, Cut Gears, 4 1/2 x 2 1/2 inch Detachable Hollow Hardwood Handle, Nickel Plated Three-Jawed Chuck Holding Up to 3/8 inch Round Shanks Only, without Drill Points, Weight Each 3 1/2 Lbs.....\$5.00

No. 1445 Drill has fast and slow speed and can be locked so the chuck can be readily opened or closed.
All Above, One-twelfth Dozen in a Box.

BREAST DRILLS

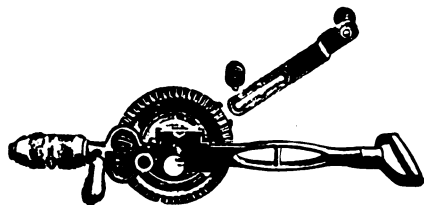
MILLERS FALLS



Ball Thrust Bearing.

- No. 19—18 inches Long, Black Enameled Cast Iron Frame, Detachable Rolled Steel Main Stock, Red Large Gear, Polished Parts, Adjustable Black Enameled Breast Plate, Adjustable Crank with Radius of 4 to 7 inches, Cut Gears, Steel Pinion, Changeable Speed from Even to 3 to 1 inch, Barber's Chuck Holding Bit Stock and Many Sizes of Round Shanks\$42.00

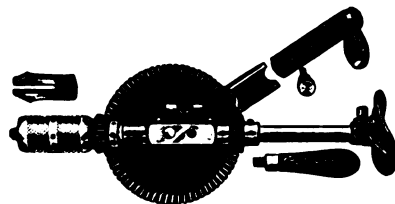
Weight Per Dozen 74 Pounds.



With Level Attachment, Ball Thrust Bearing.

- No. 15—19 inches Long, Black Enameled Malleable Iron Main Stock, Green Painted Large Gear and D Handle, Nickel Plated Parts, Adjustable D Handle, Extension Crank with Radius from 4 to 6 inches, Cut Gears, Large Gear with Idler Roll to Equalize Bearings, Changeable Speed from Even to 3 to 1, Stained Hardwood Handles, Master Chuck Holding $\frac{1}{8}$ to $\frac{1}{2}$ inch Round Shanks, No. 1 Morse Taper, Bit Stock and Expansion Bit Shanks.....\$55.00

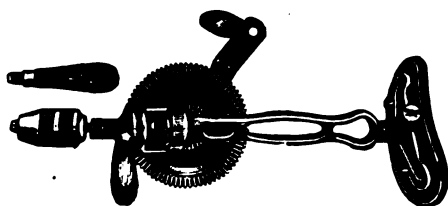
Weight Per Dozen 79 Pounds.



With Level Attachment, Ball Thrust Bearing.

- No. 13—15 inches Long, Solid Steel Main Stock, Large Gear and Under Side of Breast Plate Painted Red, Nickel Plated Parts, Adjustable Breast Plate, Extension Crank with Radius from $5\frac{1}{2}$ to 7 inches, Cut Gears, 6 inch Diameter Large Gear Giving Speed of $4\frac{1}{2}$ to 1, Idler Gear to Equalize Bearings, Steel Pinions, Stained Hardwood Handles, Master Chuck Holding $\frac{1}{8}$ to $\frac{1}{2}$ inch Round Shanks, No. 1 Morse Taper, Bit Stock and Expansion Bit Shanks.....\$75.00

Weight Per Dozen 70 Pounds



With One Adjustable and One Auxiliary Breast Plate, Ball Thrust Bearing.

- No. 100—18 inches Long, Black Enameled Malleable Iron Frame, Red Painted Large Gear and Main Breast Plate, Adjustable Breast Plate Made to Fit the Hand, Detachable Auxiliary Breast Plate for Comfort and Heavy Work, Cut Gears, Steel Small Gears, Changeable Speed from Even to 3 to 1, Stained Hardwood Handles, Star Chuck Holding 0 to $\frac{1}{2}$ inch Round Shanks.....\$74.00

When grasped with middle finger through hole provided for it the tool can be held easily and steadily in awkward and out-of-the-way places when the breast plate must be held in the hand.

Weight Per Dozen 85 Pounds.

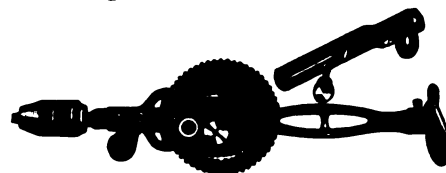
All Above, One-twelfth Dozen in a Box.



With Level Attachment, Ball Bearings Throughout.

- No. 12—17 $\frac{1}{2}$ inches Long, Black Enameled Malleable Iron Main Stock, Green Painted Large Gear and Breast Plate, Nickel Plated Parts, Adjustable Breast Plate, Extension Crank with Radius from 4 to 6 inch, Cut Gears, Large Gear with Idler Roll to Equalize Bearings, Steel Pinion, Changeable Speed from Even to 3 to 1, Stained Hardwood Handles, Master Chuck Holding $\frac{1}{8}$ to $\frac{1}{2}$ inch Round Shanks, No. 1 Morse Taper, Bit Stock and Expansion Bit Shanks\$55.00

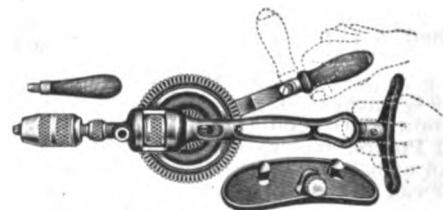
Weight Per Dozen 79 Pounds.



With Level Attachment, Ball Thrust Bearing.

- No. 118—17 $\frac{1}{2}$ inches Long, Black Enameled Malleable Iron Main Stock, Green Painted Large Gear and Breast Plate, Nickel Plated Parts, Adjustable Breast Plate, Extension Crank with Radius from 4 to 6 inch, Cut Gears, Large Gear with Idler Roll to Equalize Bearings, Changeable Speed from Even to 3 to 1, Stained Hardwood Handles, Star Chuck Holding 0 to $\frac{1}{2}$ inch Round Shanks.....\$65.00

Weight Per Dozen 81 Pounds.



With Adjustable and Auxiliary Breast Plate, Adjustable Crank Handle and Ratchet, Ball Thrust Bearing.

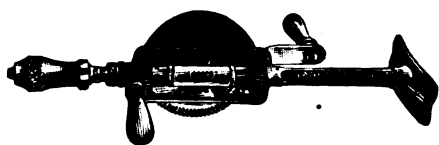
- No. 200—18 inches Long, Black Enameled Malleable Iron Frame, Red Painted Large Gear and Main Breast Plate, Adjustable Breast Plate Made to Fit the Hand, Detachable Auxiliary Breast Plate for Comfort and Heavy Work, Crank Handle Adjustable to Two Positions, Effective Ratchet, Changeable Speed from Even to 3 to 1, Cut Gears, Stained Hardwood Handles, Star Chuck Holding 0 to $\frac{1}{2}$ inch Round Shanks.....\$90.00

The crank handle is adjustable to two positions, which is of advantage in cramped quarters. The ratchet is a convenience in cramped places or when doing delicate work.

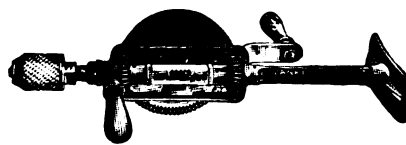
Weight Per Dozen 85 Pounds.

BREAST DRILLS

YANKEE SINGLE SPEED, BALL BEARING



No. 550.

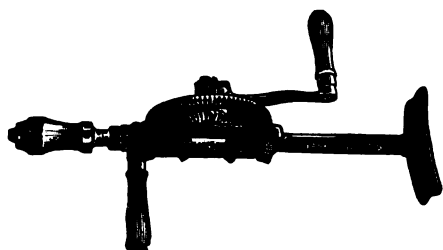


No. 1550.

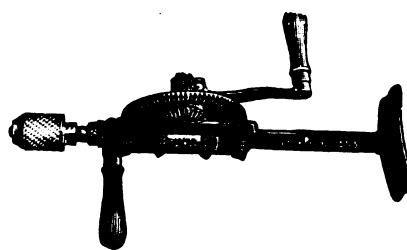
With Right and Left-Hand and Continuous Ratchet Movement.

- No. 550—18 inches Long, Dead Black Finished Malleable Iron Frame, Adjustable Ball Bearings, Steel Spindle, Cut Gears, Adjustable Breast Plate with Polished Face, Nickel Plated Two-Jawed Chuck Holding Square and Round Shanks Up to $\frac{1}{2}$ inch, Weight Each $5\frac{1}{2}$ Lbs. Each **\$8.00**
- No. 1550—17 inches Long, Same as No. 550, but with Three-Jawed Chuck Holding Up to $\frac{1}{2}$ inch Round Shanks Only, Weight Each $5\frac{1}{2}$ Lbs. **8.00**

YANKEE DOUBLE SPEED, BALL BEARING



No. 555.



No. 1555.

With Right and Left Hand and Continuous Ratchet Movement.

- No. 555—With Double Speed, Otherwise Same as No. 550 Described Above, Weight Each 7 Lbs. Each **\$9.00**
- No. 1555—With Double Speed, Otherwise Same as No. 1550 Described Above, Weight Each $6\frac{1}{2}$ Lbs. **9.00**

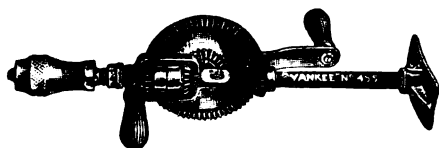
The change of speed on the double speed is made by pushing the little lever at the hub of the crank toward gear for fast speed and away from gear for slow speed.

Note—All of the above Drills can be adjusted to different working by a shifter on cylinder. With slide in first notch the tool is a plain drill; in second, a left hand ratchet; in third, a right hand ratchet; in fourth, a double ratchet; in fifth, drill is locked to adjust chuck.

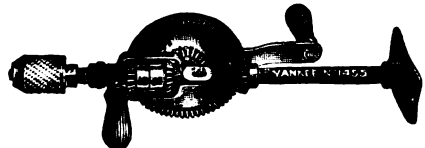
The side handle can be unscrewed and has on it a screw driver bit to take care of all the screws on the tool.

The end of the shell of chuck is so constructed that it permits the use of a monkey wrench for tightening large drills, instead of the common practice of holding the chuck shell in vise.

YANKEE "PLAIN" DOUBLE SPEED, BALL BEARING



No. 455.



No. 1455.

- No. 455—17 $\frac{1}{4}$ inches Long, Dead Black Finished Malleable Iron Frame, Bright Solid Steel Rod, Adjustable Ball Bearings, Steel Spindle, Cut Gears, Adjustable Breast Plate with Polished Face, Nickel Plated Two-Jawed Chuck Holding Square and Round Shanks Up to $\frac{1}{2}$ inch, Weight Each $5\frac{1}{2}$ Lbs. Each **\$6.00**
- No. 1455—16 $\frac{1}{2}$ inches Long, Same as No. 455, but with Three-Jawed Chuck Holding Up to $\frac{1}{2}$ inch Round Shanks Only, Weight Each $5\frac{1}{2}$ Lbs. **6.00**

The change of speed is made by a small shifter on main frame between the small gears. With shifter at top notch S, it is set for slow speed; at bottom notch F, fast speed; in center notch L, the spindle is locked so the chuck can be readily opened or closed.

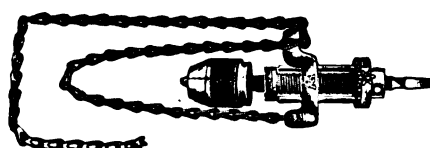
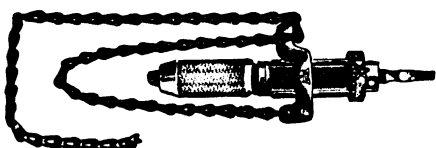
The side handle can be unscrewed and has on it a screw driver bit to take care of all the screws on the tool.

The end of the shell of the chuck is so constructed that it permits the use of a monkey wrench for tightening large drills, instead of the common practice of holding the chuck shell in vise.

CHAIN DRILLS

GOODELL'S AUTOMATIC

Ball Bearing.



Automatic Feed, End Thrust of Automatic Feed Reduced by Ball Bearings, Squared End of Steel Spindle Case Hardened to Prevent Damage.

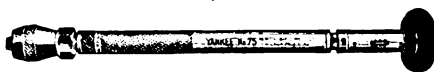
- No. 307—9 $\frac{1}{4}$ inches Long, Japanned Malleable Iron Frame, Nickel Plated Steel Chuck Holding Square Shanks Only, Complete with 36 inch Steel Chain, Weight Each $2\frac{1}{2}$ Lbs. Each **\$3.00**

- No. 316—9 $\frac{1}{4}$ inches Long, Japanned Malleable Iron Frame, Nickel Plated Steel Chuck Holding Up to $\frac{1}{2}$ inch Round Shanks Only, Complete with 36 inch Steel Chain, Weight Each $2\frac{1}{2}$ Lbs. Each **\$4.50**

All Above, One in a Box.

PUSH BRACES

YANKEE



- No. 75—16 $\frac{1}{4}$ inches Long without Bit when Closed, 23 $\frac{1}{2}$ inches when Extended, Nickel Plated, Ratchet Movement, Steel Spiral Rod with 1 $\frac{1}{2}$ inch Hard Bronze Nuts, Grooved for Both Right and Left Hand, 2 $\frac{3}{8}$ inch Diameter Polished Hardwood Handle, Nickel Plated Malleable Iron Chuck, Drop Forged Steel Jaws, Will Hold Either Round or Square Shank Drills up to $\frac{1}{2}$ inch. **\$50.00**
- Will hold all the small tools used in a bit brace, but is operated by pushing the handle to revolve the tools. It excels a bit brace in its greater rapidity and convenience in the lighter work ordinarily done by a brace. It will with little effort, bore $\frac{1}{8}$ inch holes in metal, drive $\frac{3}{8}$ inch auger bit in hardwoods, or $\frac{1}{2}$ to $\frac{3}{4}$ inch bits in white pine. It will drill holes, drive screws in or out or can be used for tapping holes, and with socket bit drive in small lag screws, run burrs or nuts on bolts, etc.

Weight Per Dozen 26 Pounds.

One-twelfth Dozen in a Box.

AUTOMATIC DRILLS

YANKEE



- No. 43—10 $\frac{3}{4}$ inches Long with Drill Point, Steel and Brass Construction, Nickel Plated, Polished Hardwood Handle, Complete with 3 Drill Points, One Each $\frac{1}{8}$, $\frac{3}{16}$ and $\frac{1}{4}$ inch. **\$14.00**

For use where only the smaller size drill points are required.

Weight Per Dozen 3 $\frac{1}{4}$ Pounds.

One-twelfth Dozen in a Box.



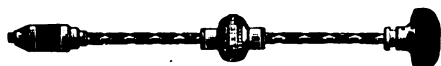
- No. 41—11 $\frac{1}{4}$ inches Long with Drill Points, Steel and Brass Construction, Nickel Plated, Magazine in Handle for Holding Drill Points, Complete with 8 Drill Points, $\frac{1}{8}$ to $\frac{1}{4}$ inch. **\$28.00**
- During the return movement of handle the drill point revolves backward to clear chips, etc.

Drill points are in plain sight when magazine is open.

Weight Per Dozen 8 Pounds.

One-twelfth Dozen in a Box.

YANKEE RECIPROCATING

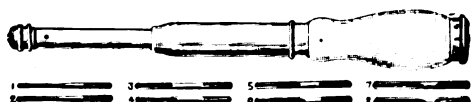


- No. 50—16 inches Long without Drill Point, Traverse of Driver 8 $\frac{1}{2}$ inches, Tool Steel Spiral, Ball Bearing Hardwood Handle, Nickel Plated Chuck and Driver, Will Hold Any Drill with Shank $\frac{1}{8}$ inch Diameter or Less, without Drills. **\$44.00**
- Designed for use in drilling in steel, iron, brass and other metals, as well as all varieties of woods.

Weight Per Dozen 15 Pounds.

One-twelfth Dozen in a Box.

GOODELL-PRATT

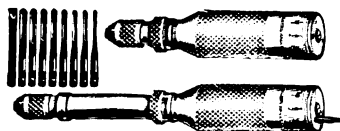


- No. 3 $\frac{1}{2}$ —10 $\frac{1}{4}$ inches Long without Drill Point, Steel and Brass Construction, Nickel Plated, Polished Hardwood Magazine Handle with Separate Numbered Compartments for Drill Points, Hard Brass Center Nut, Complete with 8 Drill Points, $\frac{1}{8}$ to $\frac{1}{4}$ inch. **\$25.00**

Many users insist upon having a wooden handle, believing that it is easier for the hand, and for such purchasers we offer this tool.

Weight Per Dozen 8 Pounds.

One-twelfth Dozen in a Box.



- No. 8—Length Extended 7 $\frac{1}{4}$ inches, Length Compressed 4 $\frac{7}{8}$ inches, Nickel Plated Metal Parts, Knurled and Nickel Plated Steel Magazine Handle with Separate Numbered Compartments for Drill Points, Complete with Eight ($\frac{1}{8}$ to $\frac{1}{4}$ inch) Drill Points and a Screw Driver Bit. **\$40.00**

Weight Per Dozen 8 $\frac{1}{4}$ Pounds.

One-twelfth Dozen in a Box.

"STAR" POCKET

Per Dozen

- No. 3—10 inches Long without Drill Point, Steel and Brass Construction, Heavily Nickel Plated, Magazine Handle with Separate Numbered Compartments for Drill Points, Hard Brass Center Nut, Complete with 8 Drill Points, $\frac{1}{8}$ to $\frac{1}{4}$ inch. **\$25.00**

Has smooth and comfortable handle. The drills are removed through a hole in the rotating cap.

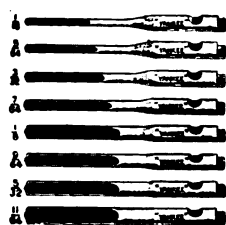
Weight Per Dozen 7 Pounds.

One-twelfth Dozen in a Box.

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EXTRA DRILL POINTS FOR AUTOMATIC DRILLS

YANKEE



HALF ACTUAL SIZE
High Grade Forged Tool Steel, Tempered and Ground.
Straight Sizes.

Size Nos....	1	2	3	4	5	6	7	8
Inches.....	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Per Dozen...	\$1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

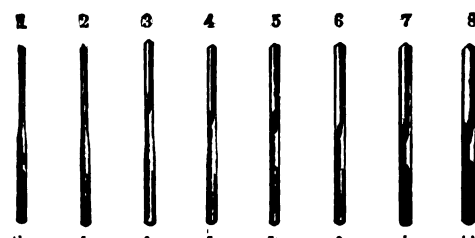
One Dozen in an Envelope.

Assorted Sizes.

No. 8Y Set—Consists of 8 Drill Points, One Each $\frac{1}{16}$ to $\frac{1}{2}$ inch \$0.75
One Set in a Box. Per Dozen

Extra Springs—For Yankee Automatic Drills.....\$2.00

GOODSELL-PRATT



Finest Grade of Steel, with Fluted Shanks.
Straight Sizes.

Size Nos....	1	2	3	4	5	6	7	8
Inches.....	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Per Dozen...	\$1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

One Dozen in an Envelope.

Assorted Sizes.

No. 8G Set—Consists of 8 Drill Points, One Each $\frac{1}{16}$ to $\frac{1}{2}$ inch \$0.80
One Set in a Box. Per Dozen

Extra Springs—For Goodsell-Pratt Automatic Drills....\$2.00

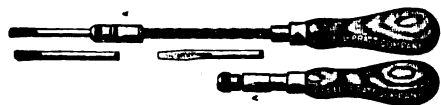
SCREW DRIVERS

REID'S AUTOMATIC



Per Dozen
No. 2R—Length with Bit when Closed $13\frac{1}{2}$ inches, when Extended $22\frac{1}{2}$ inches, Nickel Plated Cylinder, Lignumvitae Head and Handle, Complete with 2 Screw Driver Bits and 1 Boring Bit.....\$30.00
Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

G-P AUTOMATIC INTERCHANGEABLE



Nickel Plated Parts, Polished Cocobolo Handle, Complete with 3 Interchangeable Best Cast Steel Blades.

Nos.....	G40-1	G40-2	G40-3
Length Extended, Inches.	14	16	18
Spiral Slants, Degrees....	40	30	20
Per Dozen	\$16.50	18.00	21.00

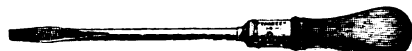
Per Set of 3

Extra Blades60
Intended to be used as an automatic screw driver for driving screws only, that is, it has but one spiral and that for right hand work.

Weight Per Dozen 8 Pounds.

One-twelfth Dozen in a Box.

YANKEE RATCHET



No. 11—Right or Left Hand and Rigid.

Polished Cast Steel Blade, Nickel Plated Parts, Polished Hardwood Handle.

Blade, Inches.....	3	4	5	6	8
Length Over All, Inches.	$7\frac{1}{4}$	$8\frac{1}{4}$	$9\frac{1}{4}$	$10\frac{1}{4}$	13
Wt. Per Dozen, Lbs....	3	$3\frac{1}{2}$	$3\frac{1}{2}$	5	6
Per Dozen	\$7.50	8.00	9.00	11.00	12.00

The adjustment for right or left hand is made by pushing shifter to right or left end of slot. When placed midway the blade is held rigid as in ordinary screw driver.

One-half Dozen in a Box.

YANKEE SPIRAL RATCHET

Right or Left Hand and Rigid.



Per Dozen
No. 135—Length with Bit in Chuck when Closed 10 inches, Full Length when Extended $13\frac{1}{4}$ inches, Nickel Plated Parts, Polished Hardwood Handle, Complete with 3 Sizes of Straight Bits\$26.00

This is the regular pattern No. 35 with a spring added in handle as shown in cut, which causes the handle to come back for the next push, in driving screws in and out. It is a "quick return" and more rapid as well as convenient in practical use, than pulling the handle back.

Weight Per Dozen $7\frac{1}{2}$ Pounds.

One-twelfth Dozen in a Box.



Per Dozen
No. 1R—Length with Bit when Closed 18 inches, when Extended 29 inches, Nickel Plated Cylinder, Lignumvitae Head and Handle, Complete with 1 Screw Driver Bit\$36.00
Weight Per Dozen 18 Pounds.
One-twelfth Dozen in a Box.

G-P SPIRAL RATCHET



Per Dozen
No. 111—Length without Bit when Closed 10 inches, Length with Bit when Extended 18 inches, Nickel Plated Parts, Polished Cocobolo Handle, Angle Slant of Spiral 20 Degrees, Complete with 3 Interchangeable Tool Steel Blades.....\$30.00
Per Set of 3

Extra Blades60
A strong and heavy automatic screw driver, capable of either right or left hand, automatically or by using the ratchet mechanism. Can also be made a stationary driver by setting the shifter knob on the ferrule.

Weight Per Dozen 12 Pounds.

One-twelfth Dozen in a Box.

YANKEE SPIRAL RATCHET



Light Pattern, Right or Left Hand and Rigid.

Per Dozen
No. 35—Length with Bit in Chuck when Closed $9\frac{1}{2}$ inches, Full Length when Extended $12\frac{3}{8}$ inches, Nickel Plated Parts, Polished Hardwood Handle, Complete with 3 Sizes of Straight Bits.....\$22.00

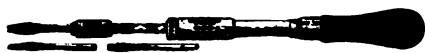
Intended for electrical workers, cabinet makers, carpenters and mechanics having a large number of small screws to drive. The bits are straight so they can be used to drive screws through holes in insulators, etc., where the flattened bits will not pass through holes.

Weight Per Dozen $6\frac{1}{4}$ Pounds.

One-twelfth Dozen in a Box.

SCREW DRIVERS

YANKEE SPIRAL RATCHET



Regular Pattern, Right or Left Hand and Rigid.

Per Dozen

No. 30—Length with Bit in Chuck when Closed $13\frac{1}{2}$ inches, Full Length when Extended $19\frac{1}{4}$ inches, Nickel Plated Parts, Polished Hardwood Handle, Complete with 3 Sizes of Bits.....\$28.00

Drives or draws screws by pushing on handle, or by ratchet movement of handle, and can be made rigid as an ordinary screw driver. Its advantages over all similar tools is its greater simplicity, compactness, strength, durability and easy operation.

Weight Per Dozen $13\frac{3}{4}$ Pounds.
One-twelfth Dozen in a Box.



Heavy Pattern, Right or Left Hand and Rigid.

Per Dozen

No. 31—Length with Bit in Chuck when Closed $17\frac{1}{2}$ inches, Full Length when Extended $26\frac{1}{4}$ inches, Nickel Plated Parts, Polished Hardwood Handle, Complete with 3 Sizes of Bits.....\$38.00

This driver is of same design as No. 30, but is made considerably heavier and stronger throughout for use in car shops, etc., where heavy screws are required to be driven or drawn.

Weight Per Dozen $20\frac{1}{2}$ Pounds.
One-twelfth Dozen in a Box.

YANKEE QUICK RETURN SPIRAL RATCHET



Right or Left Hand and Rigid.

Per Dozen

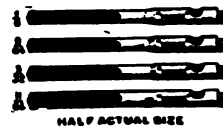
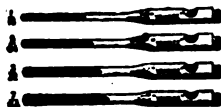
No. 130—Length with Bit in Chuck when Closed 15 inches, Full Length when Extended $20\frac{1}{2}$ inches, Nickel Plated Parts, Polished Hardwood Handle, Complete with 3 Sizes of Bits\$33.00

This is the regular pattern No. 30 with a spring added in handle as shown in cut, which causes the handle to come back for the next push, in driving screws in and out. It is a "quick return" and more rapid as well as convenient in practical use, than pulling the handle back.

Weight Per Dozen $14\frac{1}{2}$ Pounds.
One-twelfth Dozen in a Box.

CHUCKS WITH DRILL POINTS

YANKEE



For Use with Yankee Spiral Ratchet Screw Drivers Making Same a Drill.

Per Dozen Sets

No. 30C Set—8 Drill Points, $\frac{1}{8}$ to $\frac{1}{4}$ ths inch, with Chuck, for Nos. 30 and 130 Yankee Screw Drivers.....\$10.00
No. 31C Set—8 Drill Points, $\frac{1}{8}$ to $\frac{1}{4}$ ths inch, with Chuck, for No. 31 Yankee Screw Drivers..... 10.00
No. 35C Set—3 Drill Points, $\frac{1}{8}$, $\frac{3}{16}$ and $\frac{1}{4}$ inch, for Nos. 35 and 135 Yankee Screw Drivers..... 5.00

One-twelfth Dozen Sets in a Round Wooden Box.

"YANKEE" BITS WITH SCREW HOLDER



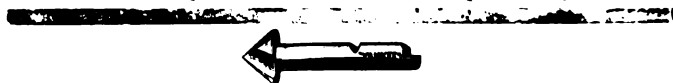
Per Dozen

No. 30SH—For Nos. 30 and 130 Yankee Screw Drivers..\$5.50
No. 31SH—For No. 31 Yankee Screw Drivers..... 5.50
No. 35SH—For Nos. 35 and 135 Yankee Screw Drivers. 5.00

A longer bit than regular, with holder attached to hold screw. When screw is driven in place the jaws open as the head of screw sinks into wood.

One Dozen in a Box.

"YANKEE" COUNTERSINKS



Per Dozen

No. 30CS—For Nos. 30 and 130 Yankee Screw Drivers...\$2.50
No. 31CS—For No. 31 Yankee Screw Drivers..... 2.50
No. 35CS—For Nos. 35 and 135 Yankee Screw Drivers. 2.50

Made of superior steel and can be used in either hard or soft woods.

One Dozen in a Box.

SCREW DRIVER ASSORTMENT

LITTLE WONDER

A fine little tool, made exactly like other high grade Screw Drivers, except for size. Suitable for mechanics. Not a toy.

Tempered Steel Blade, $\frac{1}{8}$ inch Diameter, Red Varnished Wood Handle, Long Steel Ferrule.

A steel pin through Ferrule, Blade and Handle holds them securely and prevents turning in handle.

Per Assortment

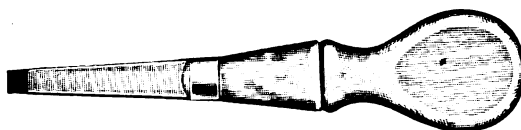
No. 42 Assortment—Consists of 12 "Little Wonder" Screw Drivers; Four with $1\frac{1}{4}$ inch Blade, Length Over All 3 inches; Four with 2 inch Blade, Length Over All $3\frac{1}{4}$ inches; Four with 3 inch Blade, Length Over All $4\frac{1}{4}$ inches, Mounted on a Very Attractive Red and Gold Finished Display Card, Each Packed in a Container Box.....\$1.75

Very useful for all light work on clocks, telephones, locks, electric fixtures, typewriters, cabinet hardware, etc.



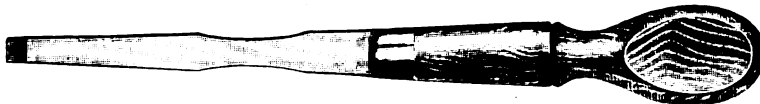
SCREW DRIVERS

SEWING MACHINE



No. 5—1½ inch Cast Steel Blade, Plain Polished Wood Handle, Brass Ferrule, Weight Per Dozen ½ Lb. Per Dozen \$0.50
Three Dozen in a Box.

FLAT



No. 1—Heavy Flat Forged Steel Blade with Tempered Point, Nicely Polished, Beechwood Handle, Brass Ferrule.

Length of Blade, Inches.....	2	3	4	5	6	8	10	12
Weight Per Dozen, Lbs.....	1	1½	2½	3	4½	6½	7½	10
Per Dozen	\$1.25	1.75	2.00	2.50	3.00	4.00	5.00	6.00

One-half Dozen in a Box.

COLUMBIA

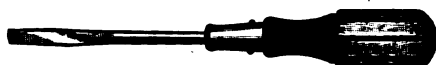


No. 22—Round Tempered and Polished Steel Blade, Nicely Varnished Red Fluted Hardwood Handle, Long Drawn Steel Ferrule.

Length of Blade, Inches.....	3	4	5	6	8
Weight Per Dozen, Lbs.....	2	3	4	4½	7
Per Dozen	\$2.00	2.50	2.75	3.25	3.75

3 inch, One Dozen; 4 to 8 inches, One-half Dozen in a Box.

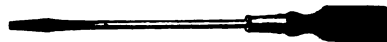
TELEGRAPH



No. 30—Bright Round Crucible Steel Blade, Carefully Hardened and Tempered, Riveted Shank, Ebonized Fluted Hardwood Handle, Nickel Plated Steel Ferrule.

Length of Blade, Inches.....	3	4	5	6	8	10
Weight Per Dozen, Lbs.....	2	2½	3	4	6½	8
Per Dozen	\$2.75	3.00	3.50	3.75	4.25	4.75

CABINET MAKERS'



No. 31—¾ inch Diameter Bright Round Crucible Steel Blade, Carefully Hardened and Tempered, Riveted Shank, Ebonized Fluted Hardwood Handle, Nickel Plated Steel Ferrule.

Length of Blade, Inches.....	3	4	5	6	8
Weight Per Dozen, Lbs.....	1½	1½	2	2½	3
Per Dozen	\$2.75	3.00	3.50	3.75	4.25

The tang of these screw drivers is driven in handle, rivet extends through ferrule, handle and tang and is headed on both ends, thus preventing the blade from turning in the socket, making a strong, durable driver.

One-half Dozen in a Box.

CHAMPION

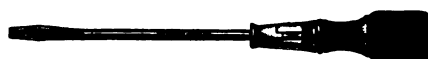


No. 33—Polished Round Forged Tough Steel Blade, Tempered, Shank Shrunk into a Malleable Bolster, Heavy Combined Tang and Ferrule, Cherry Stained Fluted Hardwood Handle.

Length of Blade, Inches.....	3	4	5	6
Weight Per Dozen, Lbs.....	2	3	4	4½
Per Dozen	\$3.50	4.00	5.00	6.00
Length of Blade, Inches.....	7	8	10	12
Weight Per Dozen, Lbs.....	5	6½	8	11
Per Dozen	\$7.00	8.00	9.00	12.00

One-half Dozen in a Box.

CHAMPION CABINET MAKERS'

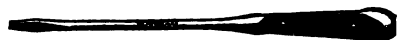


No. 34—Polished Round Forged Tough Steel Blade, Tempered, Shank Shrunk into a Malleable Bolster, Heavy Combined Tang and Ferrule, Cherry Stained Fluted Hardwood Handle.

Length of Blade, Inches.....	2½	3½	4½
Weight Per Dozen, Lbs.....	1½	2	2½
Per Dozen	\$3.00	3.50	4.00
Length of Blade, Inches.....	5½	6½	
Weight Per Dozen, Lbs.....	3	3½	
Per Dozen	\$5.00	6.00	

One-half Dozen in a Box.

PERFECT REGULAR



No. 600—One Piece Drop Forged Steel Blade, Bolster and Handle Frame, Tempered and Polished, Oval Waterproof Hardwood Handle, Finished in Natural Color.

Length of Blade, Inches.....	2	3	4	5	6	7	8	10
Diameter of Blade, Inches.....	¼	¼	¼	¼	⅝	⅝	¾	¾
Weight Per Dozen, Lbs.....	2¾	3½	4	4½	7	8	11	12
Per Dozen	\$4.00	4.50	5.00	6.00	7.00	8.00	9.00	12.00

Can be used with a hammer to loosen rusty screws. The hammer head is an invaluable feature.

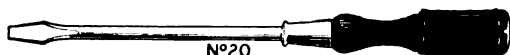
One-half Dozen in a Box.

SCREW DRIVERS

HURWOOD

"Hurwood" Screw Drivers are unsurpassed for strength and durability. The blade, shank and head are one piece of special steel. Two patent projecting wings under the head, together with a rivet which passes through the ferrule, handle and shank, securely fastens the blade in the handle, preventing its turning.

HURWOOD REGULAR

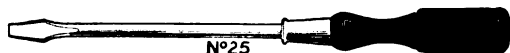


No. 20—Tempered and Polished Steel Blade, Running Through Handle, Riveted and Headed, Countersunk Head, Black Stained Fluted Hardwood Handle, Polished Steel Ferrule.

	2½	3	4	5	6	7	8	10
Length of Blade, Inches.....	2½	3	4	5	6	7	8	10
Length Over All, Inches.....	6½	7	8	10	11½	13½	14½	16½
Weight Per Dozen, Lbs.....	1½	1¾	2¾	4¼	6	6½	7½	8½
Per Dozen	\$3.50	4.00	4.50	5.50	6.00	7.00	8.50	10.50

One-half Dozen in a Box.

HURWOOD ELECTRICIANS', INSULATED



No. 25—With Head Insulated by a Non-Conducting Plug, Otherwise Same as No. 20 Described Above.

	2½	3	4	5	6
Length of Blade, Inches.....	2½	3	4	5	6
Length Over All, Inches.....	6½	7	8	10	11½
Weight Per Dozen, Lbs.....	1½	1¾	2¾	4¼	6
Per Dozen	\$3.50	4.00	4.50	5.50	6.00

One-half Dozen in a Box.

HURWOOD BABY



HURWOOD MACHINISTS'



Tempered and Polished Steel Blade, Running Through Handle, Riveted and Headed, Countersunk Head, Black Finished Fluted Hardwood Handle, Polished Steel Ferrule.

No.	21
Length of Blade, Inches.....	1½
Tip, Inches	¾
Length Over All, Inches.....	4
Weight Per Dozen, Lbs.....	1
Per Dozen	\$3.00

One-half Dozen in a Box.

VILLAGE BLACKSMITH

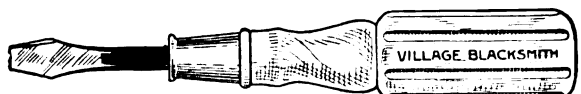


No. 111V—Forged Octagon Tool Steel Blade, Tempered, Hammer Finish, Waxed Fluted Hardwood Handle, Extra Heavy Wrought Steel Ferrule.

	2½	3	4	5	6
Length of Blade, Inches.....	2½	3	4	5	6
Weight Per Dozen, Lbs.....	1½	1½	2½	3½	4½
Per Dozen	\$2.60	3.00	3.70	4.30	5.20
Length of Blade, Inches.....	7	8	9	10	12
Weight Per Dozen, Lbs.....	4¾	6½	7½	7¾	9
Per Dozen	\$6.00	6.90	7.75	8.60	10.50

One-half Dozen in a Box.

VILLAGE BLACKSMITH POCKET



No. 215—Forged Octagon Tool Steel Blade, Tempered, Hammer Finish, Waxed Fluted Hardwood Handle, Extra Heavy Wrought Steel Ferrule.

Length of Blade, Inches.....	1½
Weight Per Dozen, Lbs.....	2¼
Per Dozen	\$2.50

One-half Dozen in a Box.

VILLAGE BLACKSMITH DOUBLE END MACHINISTS'

Forged Octagon Tool Steel, Natural Hammer Finish.



Nos.	120	123
Length, Inches	7	5
Diameter, Inches.....	¾	¾
Weight Per Dozen, Lbs.....	3	1¼
Per Dozen	\$3.00	3.00

One-half Dozen in a Box.

VILLAGE BLACKSMITH CABINET MAKERS'



No. 118—Forged Octagon Tool Steel Blade, Tempered Hammer Finish, Waxed Fluted Hardwood Handle, Extra Heavy Wrought Steel Ferrule.

	2½	3	4	5	6
Length of Blade, Inches.....	2½	3	4	5	6
Weight Per Dozen, Lbs.....	1½	1½	1½	1½	1½
Per Dozen	\$2.60	3.00	3.70	4.30	5.20
Length of Blade, Inches.....	7	8	9	10	12
Weight Per Dozen, Lbs.....	2	2	2¼	2¼	2¼
Per Dozen	\$6.00	6.90	7.75	8.60	10.50

One-half Dozen in a Box.

VILLAGE BLACKSMITH MACHINISTS'



No. 112—Forged Octagon Tool Steel Blade, Tempered Hammer Finish, Waxed Fluted Hardwood Handle, Extra Heavy Wrought Steel Ferrule.

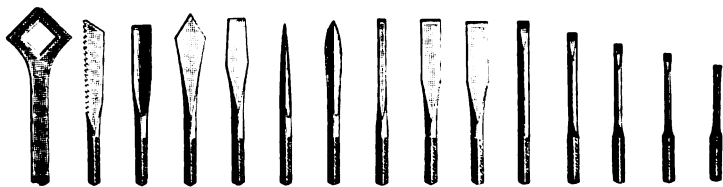
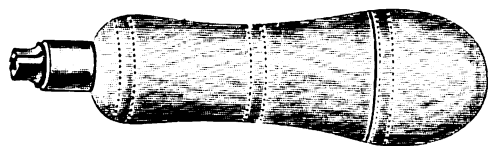
Length of Blade, Inches.....	2½	3	4
Size Steel, Inches.....	¾	¾	¾
Weight Per Dozen, Lbs.....	3	3¼	5
Per Dozen	\$3.20	3.60	4.30

One-half Dozen in a Box.

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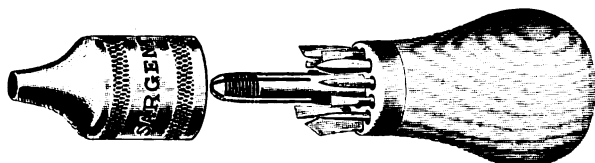
HOLLOW TOOL HANDLES

AIKEN'S PATENT



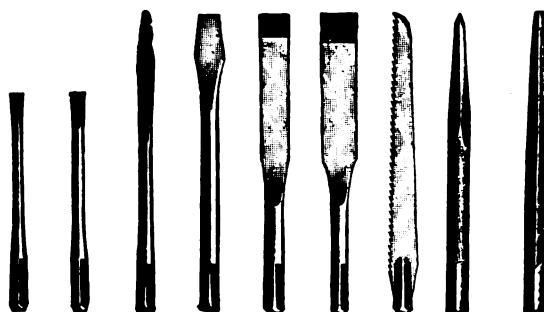
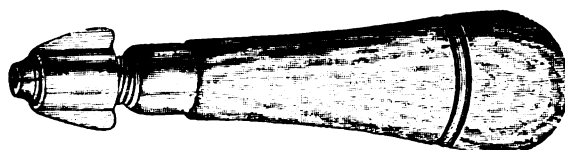
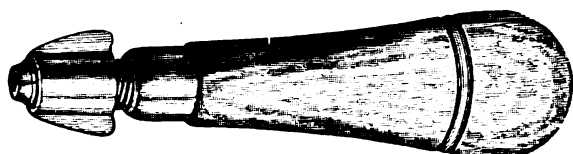
No. 43—5 inches Long, Hollow Applewood Handle, 20 Superior Cast Steel Tools, (14 Brad Awns and 6 Tools) **\$6.00**
 Weight Per Dozen 4 Pounds.
 One-half Dozen in a Box.

COMBINATION



No. 18—4 inches Long, Hollow Cocobolo Handle, Nickel Plated Steel Cap, Complete with 12 High Grade Cast Steel Tools **\$10.00**
 Weight Per Dozen 4 Pounds.
 One-half Dozen in a Box.

FRAY'S

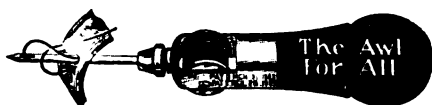


No. 104—6 inches Long, Hollow Cocobolo Handle, Nickel Plated Chuck, 10 Cast Steel Tools **\$10.00**
 No. 105—6 inches Long, Hollow Maple Handle, Nickel Plated Chuck, 10 Cast Steel Tools **7.00**
 Weight Per Dozen 5 Pounds.
 One-half Dozen in a Box.

No. 2B—7½ inches Long, Highly Polished Hollow Cocobolo Handle, Nickel Plated Chuck and Ferrule, 9 Large Tool Steel Tools Including a 4 inch Saw, Carefully Hardened and Tempered **\$18.00**
 Weight Per Dozen 8 Pounds.
 One-half Dozen in a Box.

SEWING AWLS

MYERS' "AWL FOR ALL", LOCK STITCH



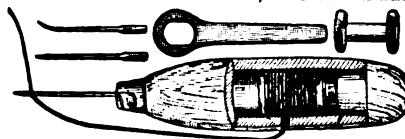
No. 1—5¾ inches Long with Needle Inserted, Hollow Stained Hardwood Handle with Screw Cap, Nickel Plated Steel Frame, Complete with One Exposed Bobbin Filled with Best Waxed Linen Thread, One Straight and One Curved Diamond Point Full Grooved Needles, and One Combined Wrench and Screw Driver for Replacing Reel, Weight Each 4 Oz. **\$8.00**
 Weight Per Dozen 4 Pounds.
 One-twelfth Dozen in a Box.

Extra Reels—With Best Waxed Linen Thread, Weight 1 Oz. **\$2.00**
 Extra Waxed Linen Thread—In 25 Yard Skeins **\$2.00**

EXTRA NEEDLES

No. 5—Fine, Straight, 1¼ inches Long **\$1.50**
 No. 6—Regular Curved, 1¾ inches Long **1.50**
 No. 8—Regular Straight, 2¼ inches Long **1.50**

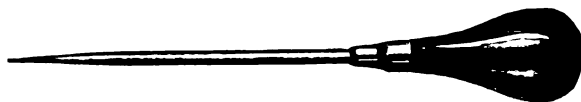
SUMMERS' AUTOMATIC, LOCK STITCH



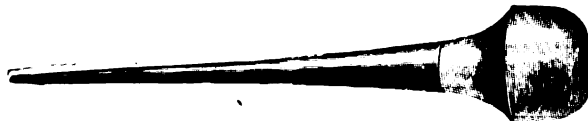
No. 2—6¼ inches Long with Needle Inserted, Stained Wood Handles, Bobbin Inside of Handle, Complete with a Skein of Waxed Thread and Three Needles, One Small and One Large for Light and Heavy Stitching and One Curved Point for Patching Shoes, Etc., Also Wrench for Tightening Clamp **\$4.00**
 Weight Per Dozen 2 Pounds.
 One-twelfth Dozen in a Box.

Special Linen Thread—3 Cord, Light, Twisted and Prepared to Wax **\$0.75**
 Special Linen Thread—5 Cord, Heavy, Twisted and Prepared to Wax **.75**
 Extra Straight Needles **.75**
 Extra Bent Needles **1.00**

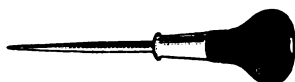
SCRATCH AWLS



- No. 1020—5 ½ inch Drawn Steel Wire Blade, Carefully Tempered, Mahogany Finished Hardwood Handle, Nickel Plated Tapered Drawn Steel Ferrule, Length Over All 8 ½ inches.....\$2.50
Weight Per Dozen 2 Pounds.
One Dozen in a Box.



- No. 1—5 inch Forged Steel Blade and Socket, Polished, Plain Hardwood Handle.....\$2.50
Weight Per Dozen 2 Pounds.
One Dozen in a Box.

SCRATCH AWLS
HURWOOD

One Piece Steel Blade, Shank and Head Needle Point, Carefully Tempered, Ebonized Handle, Riveted Steel Ferrule.

- | | | |
|------------------------------|--------|------|
| Nos. | 6 | 7 |
| Length of Blade, Inches..... | 2 ¾ | 3 ½ |
| Weight Per Dozen, Lbs..... | 1 ½ | 2 |
| Per Dozen | \$4.00 | 4.25 |
- One-half Dozen in a Box.

COMMON HARNESS



- No. 5—Extra Cast Steel, Assorted.....\$1.75
Average Weight Per Gross ¾ Pound.
One-half Gross in a Box.

COMMON SEWING



- No. 10—Extra Cast Steel, Assorted.....\$2.25
Average Weight Per Gross ¾ Pound.
One-half Gross in a Box.

PATENT PEG

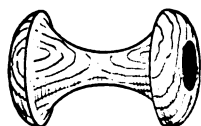


- No. 25—Extra Cast Steel, Assorted.....\$1.00
Average Weight Per Gross ¾ Pound.
One-half Gross in a Box.

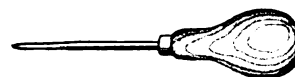
PATENT BRAD



- No. 35—Extra Cast Steel, Assorted.....\$1.50
Average Weight Per Gross ¾ Pound.
One-half Gross in a Box.



- No. 12—3 inches Long, 2 inch Diameter, Hardwood, Polished.....\$0.75
Weight Per Dozen 1 Pound.
Three Dozen in a Box.



- No. 0—3 ½ inch Steel Blade, ⅛ inch Diameter, Needle Point, Hardwood Handle, Brass Ferrule.....\$1.25
Weight Per Dozen 1 ½ Pounds.
One Dozen in a Box.



- No. 1070—3 ½ inch Hammer Forged Steel Blade, Ebony Finished Hardwood Handle, Polished Brass Ferrule, Length Over All 6 ½ inches.....\$2.00
Weight Per Dozen 1 ½ Pounds.
One Dozen in a Box.

HANDLED BRAD AWLS



- No. 8—1 ½ inch Steel Blade, Assorted Sharp Flat Points, Hardwood Handle, Brass Ferrule, Length Over All 5 ½ inches.....\$1.00
Weight Per Dozen 1 Pound.
One Dozen in a Box.

AWLS

PATENT HARNESS



- No. 05—Extra Cast Steel, Assorted.....\$1.75
Average Weight Per Gross ¾ Pound.
One-half Gross in a Box.

PATENT SEWING



- No. 20—Extra Cast Steel, Assorted.....\$1.75
Average Weight Per Gross ¾ Pound.
One-half Gross in a Box.

SHOULDERED PEG



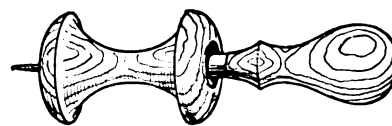
- No. 30—Extra Cast Steel, Assorted.....\$2.00
Average Weight Per Gross ¾ Pound.
One-half Gross in a Box.

SHOULDERED BRAD



- No. 40—Extra Cast Steel, Assorted.....\$2.25
Average Weight Per Gross ¾ Pound.
One-half Gross in a Box.

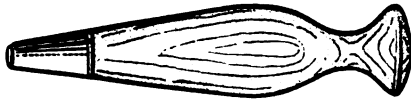
CHALK LINE REELS



- No. 14—3 inches Long, 2 inch Diameter, Hardwood, Polished, with Scratch Awl.....\$1.75
Weight Per Dozen 2 Pounds.
One Dozen in a Box.

AWL HAFTS

COMMON SEWING



No. 10—4 inches Long, Beechwood, Plain Brass Ferrule, for Shouldered Blades\$0.85
 Weight Per Dozen $\frac{1}{2}$ Pound.
 Three Dozen in a Box.
COMMON PEGGING



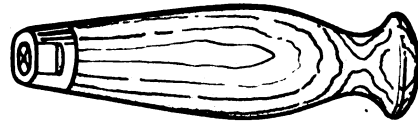
No. 11—3 $\frac{1}{2}$ inches Long, Beechwood, Plain Brass Ferrule, for Shouldered Blades\$0.75
 Weight Per Dozen 1 Pound.
 Three Dozen in a Box.

BRAD AWL HAFTS

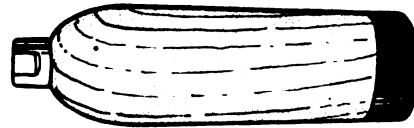


No. 25—Assorted Sizes, Beechwood, Brass Ferrule, for Shouldered Blades\$1.00
 Weight Per Dozen 1 Pound.
 Three Dozen in a Box.

PATENT SEWING



No. 6 $\frac{1}{2}$ —3 $\frac{3}{4}$ inches Long, Applewood, Steel Chuck, for Patented Blades, with Wrench\$1.75
 Weight Per Dozen 2 Pounds.
 One Dozen in a Box.
PATENT PEGGING



No. 6—4 inches Long, Hickory, Leather Top, Steel Chuck, for Patented Blades, with Wrench\$1.75
 Weight Per Dozen 2 Pounds.
 One Dozen in a Box.

FILE HANDLES



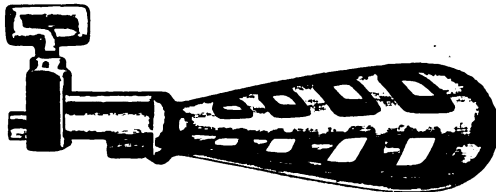
Softwood, Heavy Polished Seamless Steel Ferrule.

Nos.	76	74	72
Length, Inches	4	4 $\frac{1}{2}$	5
Diameter, Inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Gross	\$2.50	3.00	4.00

No. 630 $\frac{1}{2}$ Assortment—Contains Equal Quantities of Nos. 76, 74 and 72 Handles Described Above\$3.25
 Average Weight Per Gross 15 Pounds.
 One-quarter Gross in a Box.

FILE HANDLES

I. X. L.



No. IXL—Malleable Iron, Tinned, with Set Screw Adjustable to Hold Files and Small Shank Tools\$2.00
 Weight Per Dozen 4 Pounds.
 One Dozen in a Display Box.

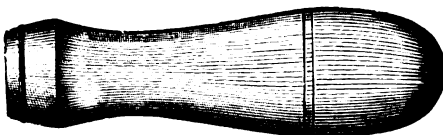
LOCK JAW



No. 12—Assorted Sizes, Hardwood Handle, Coppered Malleable Iron Ferrule, Holds Firmly Files and Flat, Round or Square Tanged Tools\$0.75
 Average Weight Per Dozen 3 Pounds.
 Three Dozen in a Box.

SOLDERING COPPER HANDLES

COMMON



No. 215—Assorted Sizes, Whitewood, Wired Shank\$0.60
 Average Weight Per Gross 18 Pounds.
 Open Stock.

LOCK JAW



No. 14—Assorted Sizes, Hardwood Handle, Coppered Malleable Iron Ferrule, Holds Firmly Flat, Round or Square Tanged Tools\$1.00
 Average Weight Per Dozen 3 Pounds.
 Three Dozen in a Box.

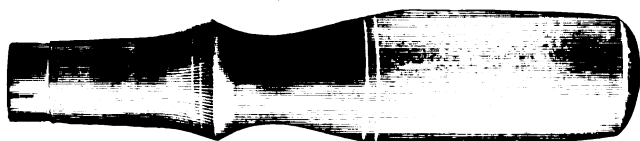
BIT HANDLES



No. 25—4 inches Long, Malleable Iron, Japanned, for Bell Hangers' Drills, Also Fits Any Square Shank Bit or Other Tool\$3.00
 Weight Per Dozen 2 $\frac{1}{2}$ Pounds.
 One-half Dozen in a Box.

CHISEL HANDLES

TANGED FIRMER



- Hickory, Brass Ferrule.** Per Dozen
 No. 200 —Assorted, 5 Sizes.....\$0.60
 No. 200 ½ —Assorted Large, 3 Sizes.....\$0.75
Applewood, Brass Ferrule.
 No. 203 —Assorted, 5 Sizes.....\$0.75
 No. 203 ½ —Assorted Large, 3 Sizes......85
 Average Weight Per Dozen 2 Pounds.
 One Dozen in a Box.



- Hickory, Iron Ring Head, Brass Ferrule.** Per Dozen
 No. 603—Assorted Large, for ½ to 2 inch Chisels.....\$1.25
 Average Weight Per Dozen 2 ½ Pounds.
 One Dozen in a Box.



- SOCKET FIRMER**
Hickory, Assorted, 4 Sizes Per Dozen
 No. 201 —Hickory, Assorted, 4 Sizes.....\$0.50
 No. 201 ½ —Hickory, Assorted Large, 3 Sizes......60
 No. 204 —Applewood, Assorted, 4 Sizes......60
 Average Weight Per Dozen 1 ½ Pounds.
 One Dozen in a Box.



- Hickory, Iron Ring Head.** Per Dozen
 No. 613—Assorted Large, for ¾ to 2 inch Chisels.....\$1.00
 Average Weight Per Dozen 2 ½ Pounds.
 One Dozen in a Box.
TANGED BUTT



- Selected Seasoned Hickory, Good Quality Leather Head, Heavy Wrought Brass Ferrule.**
 Per Dozen
 No. 608—Assorted Regular.....\$1.50
 Average Weight Per Dozen 1 Pound.
 One Dozen in a Box.

SOCKET FRAMING



- Hickory, Iron Ring Head.** Per Dozen
 No. 202 —Assorted, 3 Sizes.....\$0.65
 No. 202 ¼ —Assorted, for ¼ to 1 inch Chisels......65
 No. 202 ½ —Assorted Large, 2 Sizes......75
 Average Weight Per Dozen 2 ½ Pounds.
 One Dozen in a Box.



- Selected Seasoned Hickory, Good Quality Leather Head, Heavy Wrought Brass Ferrule.** Per Dozen
 No. 606 ½ —Assorted, for ¼ to 2 inch Chisels.....\$1.50
 No. 607 ½ —Assorted, for 1 to 2 inch Chisels..... 1.75
 Average Weight Per Dozen 2 ¼ Pounds.
 One Dozen in a Box.



- Fancy, Polished Applewood, Solid Cast Brass Ferrule.** Per Dozen
 No. 93—Assorted, for ¼ to 2 inch Chisels.....\$2.50
 Average Weight Per Dozen 2 Pounds.
 One Dozen in a Box.



- Selected Seasoned Hickory, Good Quality Leather Head.** Per Dozen
 No. 616 ½ —Assorted, for ¼ to 2 inch Chisels.....\$1.25
 No. 617 ½ —Assorted, for 1 to 2 inch Chisels..... 1.50
 Average Weight Per Dozen 1 ½ Pounds.
 One Dozen in a Box.
SOCKET POCKET



- Selected Seasoned Hickory, Good Quality Leather Head.** Per Dozen
 No. 618—Assorted Regular.....\$1.50
 Average Weight Per Dozen 1 Pound.
 One Dozen in a Box.
SOCKET BUTT



- Selected Seasoned Hickory, Good Quality Leather Head.** Per Dozen
 No. 565H—Assorted Regular.....\$2.00
 A new style handle. Gives control over the tool which is very essential in close work.
 Average Weight Per Dozen 1 Pound.
 One Dozen in a Box.



- Selected Seasoned Hickory, Good Quality Leather Head.** Per Dozen
 No. 624 ½ —Assorted, for ¼ to 2 inch Chisels.....\$1.50
 No. 625 ½ —Assorted, for 1 to 2 inch Chisels..... 1.75
 Average Weight Per Dozen 1 ½ Pounds.
 One Dozen in a Box.

CARPENTERS' SLICK HANDLES



No. 15—16 inches Long, Selected Hickory, Polished, for Carpenters' Slick Per Dozen
Average Weight Per Dozen 12 Pounds. **\$2.75**
One-half Dozen in a Box.

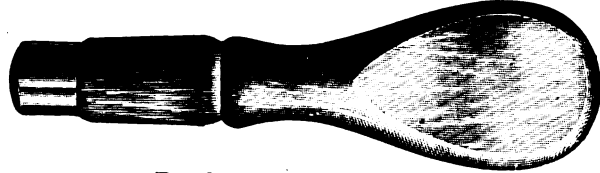
CARVING TOOL HANDLES



Applewood, Brass Ferrule.

No. 205—Assorted, 4 Sizes Per Dozen
Average Weight Per Dozen 1 Pound. **\$1.00**
One Dozen in a Box.

SCREW DRIVER HANDLES



Beechwood, Brass Ferrule.

No. 11—Assorted, 8 Sizes Per Dozen
No. 18—Large **\$1.00**
Average Weight Per Dozen 2 Pounds. **1.50**
One Dozen in a Box.

SEAMLESS BRASS FERRULES



For Chisel Handles.												
Nos.	00	0	1	2	3	4	5	6	7	8	9	10
Inside Diameter, Inches....	1	$\frac{1}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{1}{2}$
Weight Per Gross.....	1 $\frac{1}{4}$ lbs.	1 $\frac{1}{8}$ lbs.	1 lb.	14 oz.	11 oz.	8 oz.	6 oz.	5 oz.	4 oz.	3 oz.	2 oz.	1 oz.
Per Gross	\$2.50	2.00	1.75	1.50	1.40	1.25	1.10	.90	.75	.65	.60	.50
Chisel Handle Ferrules—Assorted from Nos. 00 to 10.....												Per Gross
One Gross in a Box.												\$1.50

POLISHED IRON FERRULES

Outside Diameter, Inches.....	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Per Gross	\$1.50	2.00	4.00	5.00	6.00
One Gross in a Box.					

AUGER HANDLES

COMMON



Hickory, Polished.

No. 178—Assorted Regular Per Dozen
No. 174—Assorted Large **\$1.00**
Average Weight Per Dozen 5 $\frac{1}{2}$ Pounds. **1.50**
One Dozen in a Bundle.

SWAN'S IMPROVED



No. 6516—15 inches Long, Made of the Best Material.. **\$2.00**
Two slides are furnished with each handle, taking in $\frac{3}{8}$ to 2 $\frac{1}{2}$ inch auger shanks, doing the work of two auger handles. Either handle can be unscrewed, enabling it to be worked in a corner.

Weight Per Dozen 20 Pounds.
One-twelfth Dozen in a Box.

PECK'S PATENT



No. 60—18 inches Long, Polished Maple, Wrought Iron Bolts and Plates, Wing Nuts, Adjustable to All Sizes of Augers Per Dozen
Weight Per Dozen 13 Pounds. **\$4.50**
One-half Dozen in a Box.

GUNN'S RATCHET



No. 5—16 $\frac{1}{2}$ inches Long, Malleable Iron and Steel Center, Ashwood Handles, One Handle Detachable, Ratchet Works Either to Right or Left or May be Locked Per Pair
Weight Per Dozen 26 Pounds. **\$3.00**
One-twelfth Dozen in a Box.

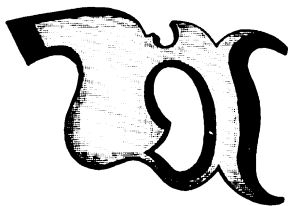
PLANE HANDLES



No. 10 Jack. No. 12 Fore & Jointer. No. 27 Bailey's.

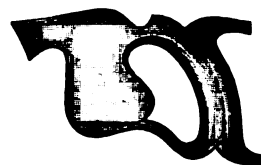
No. 10—Beechwood, Plain, for Common Jack Planes, Weight Per Dozen 3 Lbs. Per Dozen
No. 12—Beechwood, Plain, for Common Fore and Jointer Planes, Weight Per Dozen 4 $\frac{1}{2}$ Lbs. **\$1.00**
No. 27—Beechwood, Varnished, for Bailey Wood Bottom Jack, Fore and Jointer Planes, Weight Per Dozen 2 Lbs. **1.50**
No. 28—Rosewood, Varnished, for Bailey and Bed Rock Iron Planes, Weight Per Dozen 2 Lbs. **2.00**
One Dozen in a Box. **4.00**

SAW HANDLES



Slit Only.

NOTE—When Ordering, Always
State Length of Saw.



Slit Only.

- | | Per Dozen |
|--|-----------|
| No. 2H—Hand, Beechwood, Varnished Edges, for Regular 26 inch Hand Saws, Weight Per Dozen 6 Lbs.. | \$2.00 |
| No. 3H—Hand, Beechwood, Plain Edges, for Regular 26 inch Hand Saws, Weight Per Dozen 6 Lbs..... | 1.75 |
| No. 4P—Panel, Beechwood, Varnished Edges, for Regular 16 to 24 inch Panel Saws, Weight Per Dozen 4 1/2 Lbs. | 1.75 |
- One Dozen in a Box.

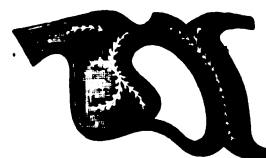
- | | Per Dozen |
|---|-----------|
| No. 7P—Panel, Beechwood, Full Polished, for No. 7 Disston's 18 to 20 inch Panel Saws, Weight Per Dozen 5 Lbs..... | \$3.50 |
| No. 7H—Hand, Beechwood, Full Polished, for No. 7 Disston's Hand Saws, Weight Per Dozen 6 1/2 Lbs.. | 4.00 |
| No. 7R—Rip, Beechwood, Full Polished, for No. 7 Disston's Rip Saws, Weight Per Dozen 6 1/2 Lbs..... | 4.50 |
- One Dozen in a Box.

Bored and Slit.

- | | Per Dozen |
|---|-----------|
| No. D8P—Panel, Applewood, Full Polished, for No. D8 Disston's 18 to 20 inch Panel Saws, Weight Per Dozen 5 Lbs.. | \$ 5.00 |
| No. AD8P—Panel, Applewood, Full Polished, for No. D8 Disston's 22 to 24 inch Panel Saws, Weight Per Dozen 5 Lbs.. | 5.50 |
| No. D8H—Hand, Applewood, Full Polished, for No. D8 Disston's Hand Saws, Weight Per Dozen 6 1/2 Lbs..... | 6.50 |
| No. D8R—Rip, Applewood, Full Polished, for No. D8 Disston's Rip Saws, Weight Per Dozen 6 1/2 Lbs..... | 7.00 |
| No. 400H—Hand, Rosewood, Piano Finish, for No. 400 Atkin's Hand Saws, Weight Per Dozen 6 1/2 Lbs..... | 21.00 |
- One Dozen in a Box.



Bored and Slit.



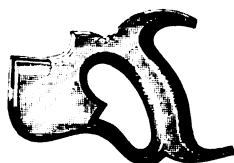
Bored and Slit.

- | | Per Dozen |
|--|-----------|
| No. 12P—Panel, Applewood, Carved and Polished, for No. 12 Disston's 18 to 20 inch Panel Saws, Weight Per Dozen 5 Lbs..... | \$ 8.50 |
| No. A12P—Panel, Applewood, Carved and Polished, for No. 12 Disston's 22 to 24 inch Panel Saws, Weight Per Dozen 5 Lbs..... | 9.00 |
| No. 12H—Hand, Applewood, Carved and Polished, for No. 12 Disston's Hand Saws, Weight Per Dozen 6 1/2 Lbs. | 10.50 |
| No. 12R—Rip, Applewood, Carved and Polished, for No. 12 Disston's Rip Saws, Weight Per Dozen 6 1/2 Lbs. | 11.00 |
- One Dozen in a Box.

- | | Per Dozen |
|--|-----------|
| No. D100P—Panel, Applewood, Carved and Polished, for No. D100 Disston's 18 to 20 inch Panel Saws, Weight Per Dozen 5 Lbs..... | \$6.50 |
| No. AD100P—Panel, Applewood, Carved and Polished, for No. D100 Disston's 22 to 24 inch Panel Saws, Weight Per Dozen 5 Lbs..... | 7.00 |
| No. D100H—Hand, Applewood, Carved and Polished, for No. D100 Disston's Hand Saws, Weight Per Dozen 6 1/2 Lbs. | 8.00 |
| No. D100R—Rip, Applewood, Carved and Polished, for No. D100 Disston's Rip Saws, Weight Per Dozen 6 1/2 Lbs. | 8.50 |
- One Dozen in a Box.

- | | Per Dozen |
|--|-----------|
| No. 53H—Hand, Applewood, Embossed, Varnished and Highly Polished, Bored and Slit, for No. 53 Atkins Hand Saws, Weight Per Dozen 6 1/2 Lbs..... | \$8.00 |
- One Dozen in a Box.

BACK



- | | Per Dozen |
|---|-----------|
| No. 7—Beechwood, Varnished Edges, Slit Only, When Ordering State Length of Saw. | \$2.00 |
- Weight Per Dozen 5 Pounds.
One Dozen in a Box.

COMPASS



- | | Per Dozen |
|--|-----------|
| No. 2C—Beechwood, for Any Standard Make of Compass Saws, Not Bored, without Screws | \$1.75 |
- Weight Per Dozen 4 Pounds.
One Dozen in a Box.

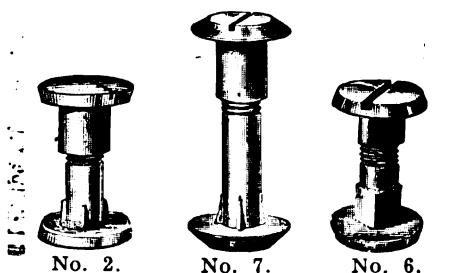
SAW PADS



- | | Per Dozen |
|------------------------------|-----------|
| No. 64—Beechwood Handle..... | \$6.00 |
- Weight Per Dozen 6 Pounds.
One Dozen in a Box.

SAW SCREWS

Wrought Brass, Polished.



No. 2.

No. 7.

No. 6.



No. 24.

- | | Per Dozen |
|--|-----------|
| No. 2—Large Round Head, Oval Face, for Hand and Rip Saws | \$0.85 |
| No. 7—Raised Head and Nut, for Hand Saws with Steel Plate on Side of Handle..... | 1.00 |
| No. 23—Small Eagle, for Hand and Compass Saws.... | 1.25 |
| No. 24—Large Eagle, for Hand and Rip Saws..... | 1.50 |
| No. 6—Iron, Raised Head and Nut..... | .75 |
- Average Weight Per Dozen 4 to 7 Ounces.

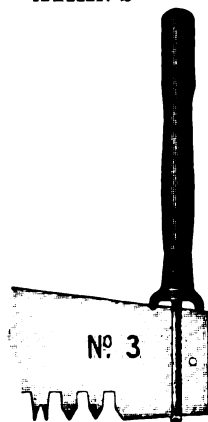
One Dozen in a Box.

CROSS CUT SAW HANDLES

ATKIN'S



No. 1—10 inch Selected Hardwood Handle, Extra Heavy Welded Steel Loop, Malleable Nut, Black Japanned Castings, Capacity 3 to 4½ inches.....\$0.50



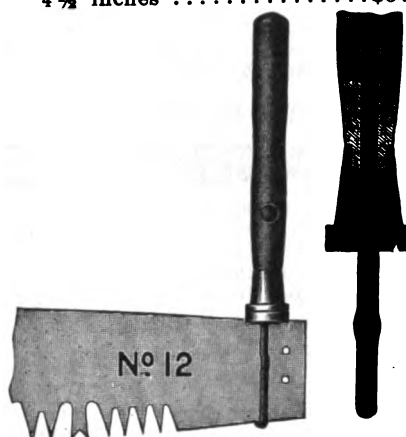
No. 3—10 inch Selected Hardwood Handle, Welded Steel Loop, Swivel Washer Cast to Socket, Black Japanned Malleable Castings, Capacity 3 to 4½ inches\$0.40



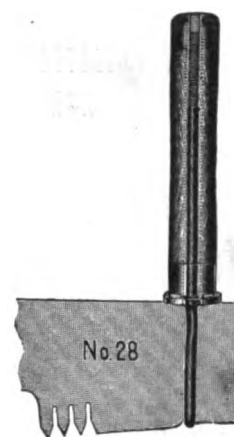
No. 8—10 inch Selected Hardwood Handle, Extra Strong Welded Steel Loop, Malleable Nut, Black Japanned Castings\$0.40



No. 11—Climax Pattern, 14 inches Long, Reversible, Cast Iron Face Plate and Washer, Malleable Bolt with Lock Rivet Feature Preventing Rivet from Becoming Detached, Easily Adjusted\$0.30

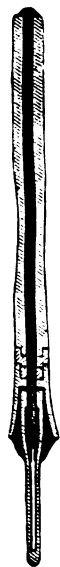


No. 12—10 inch Selected Hardwood Handle, Non-Breakable Malleable Socket, Washer and Nut, Welded Steel Loop, Red Japanned Castings, Capacity 3 to 4½ inches.....\$0.50
All Above, Open Stock.



No. 28—8 inch Selected Hardwood Handle, Cold Drawn Steel Loop Extending Through Handle and Screwed into Pressed Steel Ferrule on End, Capacity 2¾ to 4½ inches\$0.75

SIMONDS

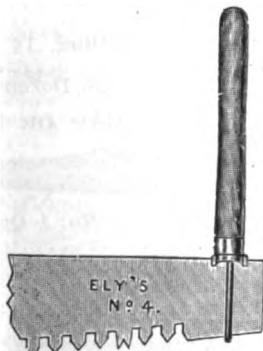


No. 2—Selected Hardwood Handle, Loop and Bolt Extends Whole Length of Handle, Malleable Iron Ferrule\$0.50
Open Stock.



No. 4—Selected Hardwood Handle, Malleable Castings, Swivel Attached to Ferrule, Steel Loop\$0.25

ELY'S



No. 4.

Per Pair

DISSTON'S



No. 122—8 inches Long, Seasoned Hardwood Handle, Heavy Malleable Iron Cap with Long Neck, Tapped for Loop Rod, Heavy Malleable Iron Ferrule, Extra Heavy Malleable Iron Loop Rod, Anti-Friction Washer, Rod Extends Through Handle.....\$0.50

Open Stock.

ONE MAN

Beechwood, Varnished Edges.

Per Dozen

No. 20—Bored\$4.00
No. 21—Not Bored..... 3.50

One Dozen in a Box.

SUPPLEMENTARY

Per Dozen

No. 30—5¼ x 1¾ inch Beechwood Handle, Polished, Malleable Iron Ferrule, Malleable Iron Shank and Hook, with Rivet\$2.00

One Dozen in a Box.

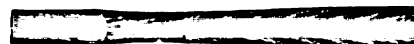


HANDLES

ADZE EYE NAIL



Frankfurth's Best.		Per Dozen
No. 62—14 inches Long, Selected Best Second Growth Hickory, Labeled, Polished and Waxed, for Size 1 ½ Hammer		\$1.60
Weight Per Dozen 5 Pounds.		
One Dozen in a Paper Box.		
Second Quality Hickory.		Per Dozen
No. 0—14 inches Long, for Size 1 ½ Hammer		\$0.80
Weight Per Dozen 5 Pounds.		
Open Stock.		



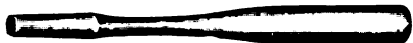
No. 1 Quality Hickory.			
Nos.	56	58	60
Length, Inches	12	12	14
For Hammers, Size No.	3	2	1 ½
Weight Per Dozen, Lbs.	3 ½	3 ½	4 ½
Per Dozen	\$1.20	1.20	1.30
One Dozen in a Paper Box.			

ROUND EYE NAIL



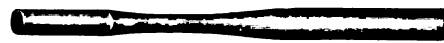
No. 65—14 inches Long, No. 1 Quality Hickory, for Size 1 ½ Hammer, Weight Per Dozen 4 Lbs.	Per Dozen
One Dozen in a Paper Box.	\$1.25

ROUND EYE FARRIER'S



No. 1 Quality Hickory.		
No.	68	
Length, Inches	15	
Weight Per Dozen, Lbs.	4 ½	
Per Dozen	\$1.25	
One Dozen in a Paper Box.		

RIVETING HAMMER



No. 1 Quality Hickory.		
Nos.	69	70
Length, Inches	12	14
Weight Per Dozen, Lbs.	3	4
Per Dozen	\$1.25	1.25
One Dozen in a Paper Box.		

MACHINISTS' HAMMER



Frankfurth's Best.		Per Dozen
Selected Best Second Growth Hickory, Labeled, Polished and Waxed.		
No. 216—16 inches Long, for Size 1 Hammer, Weight Per Dozen 4 ½ Lbs.		\$1.75
No. 218—18 inches Long, for Size 2 Hammer, Weight Per Dozen 5 Lbs.		2.00
One Dozen in a Paper Box.		

No. 1 Quality Hickory.							
Nos.	73	74	75	76	77	78	79
Length, Inches	13	14	14	16	18	20	22
For Hammers, Size No.	3/0	2/0	1/0	1	2	3	4
Weight Per Dozen, Lbs.	3	3 ½	3 ½	4 ½	5	5 ½	6
Per Dozen	\$1.25	1.25	1.25	1.35	1.50	1.75	2.00
One Dozen in a Paper Box.							

BLACKSMITHS' HAMMER



No. 1 Quality Hickory.			
Nos.	80	81	82
Length, Inches	16	18	20
Weight Per Dozen, Lbs.	5	5 ½	6
Per Dozen	\$1.35	1.50	1.75
One Dozen in a Paper Box.			

STONE MASONS' HAMMER



No. 1 Quality Hickory.		
Nos.	85	86
Length, Inches	14	18
Weight Per Dozen, Lbs.	4	6
Per Dozen	\$1.35	1.50
One Dozen in a Paper Box.		

No. 88—Stone Drilling, 14 inches Long, No. 1 Quality Hickory	Per Dozen
One Dozen in a Paper Box.	\$1.50

SHINGLING HATCHET



No. 1 Quality Hickory.		Per Dozen
No. 90—14 inches Long		\$1.25
LATHING HATCHET		Per Dozen
No. 91—13 ½ inches Long, for Underhill Lathing Hatchets		\$1.25
No. 92—13 ½ inches Long, for Genuine Underhill Lathing Hatchets		1.50
Average Weight Per Dozen 4 Pounds.		
One Dozen in a Paper Box.		

HUNTERS' HATCHET



No. 1 Quality Hickory, Regular Pattern.		
Nos.	100	101
Length, Inches	14	16
Weight Per Dozen, Lbs.	4	5
Per Dozen	\$1.35	1.50
One Dozen in a Paper Box.		

BROAD OR BENCH HATCHET



No. 1 Quality Hickory.			
Nos.	95	96	97
Length, Inches	16	17	18
Weight Per Dozen, Lbs.	6	6 ½	7 ½
Per Dozen	\$1.35	1.50	1.75
One Dozen in a Paper Box.			

HUNTERS' HATCHET



No. 1 Quality Hickory, Axe Handle Pattern.		Per Dozen
No. 105—14 inches Long		\$1.50
No. 106—16 inches Long, for No. 673 Plumb's Hunter's Hatchet		1.75
Average Weight Per Dozen 5 Pounds.		
One Dozen in a Paper Box.		

AXE HANDLES

BOYS'



No. 01—28 inches Long, Oval, Turned Hickory, Average Weight Per Dozen 16 Lbs. **\$3.00**
Two Dozen in a Crate.

SINGLE BIT



Oval, Turned.

No. E-Excelsior—36 inches Long, Selected Hickory \$5.00	No. 2—36 inches Long, Hickory \$3.00
No. 1—36 inches Long, Selected Hickory 4.00	No. 3—36 inches Long, Hickory 2.50

Average Weight Per Dozen 23 Pounds.
Two Dozen in a Crate.



Oval, Hand Shaved.

No. 4-Frankfurth's Best—36 inches Long, Selected Best Second Growth Hickory \$7.00	No. 8-Gold Medal—36 inches Long, Selected Second Growth Hickory, a Trifle Heavier than No. XXXX. \$5.25
No. 5-Extra—36 inches Long, Extra Quality Second Growth Hickory 6.00	No. 9-X—36 inches Long, White Hickory 4.25
No. 6-XXXX—36 inches Long, Selected Second Growth Hickory 5.25	No. 10-Extra—36 inches Long, Selected Best Blue Oak 4.50
No. 7-XXXX—34 inches Long, Selected Second Growth Hickory 5.25	No. 11-XXXX—36 inches Long, Selected Blue Oak 3.25
	No. 12-Favorite—36 inches Long, Oak, One Dozen in a Paper Case 2.50
	No. 13—(2) 36 inches Long, Hickory 2.50

Average Weight Per Dozen 24 Pounds.
Two Dozen in a Crate.

LUMBERMEN'S



Straight, Oval, Hand Shaved.

No. 14-Frankfurth's Best—36 inches Long, Selected Best Second Growth Hickory \$7.00	No. 19-Extra—36 inches Long, Selected Best Blue Oak \$4.50
No. 15-Extra—36 inches Long, Extra Quality Second Growth Hickory 6.00	No. 20-Extra—34 inches Long, Selected Best Blue Oak 4.50
No. 16-XXXX—36 inches Long, Selected Second Growth Hickory 5.25	No. 21-XXXX—36 inches Long, Selected Blue Oak 3.25
No. 17-XXXX—34 inches Long, Selected Second Growth Hickory 5.25	No. 22-XXXX—34 inches Long, Selected Blue Oak 3.25
No. 18-X—36 inches Long, White Hickory 4.25	No. 23-Favorite—36 inches Long, Oak, One Dozen in a Paper Case 2.50
	No. 24—(2) 36 inches Long, Hickory 2.50

Average Weight Per Dozen 24 Pounds.
Two Dozen in a Crate.

DOUBLE BIT



Oval, Hand Shaved.

No. 40-Frankfurth's Best—36 inches Long, Selected Best Second Growth Hickory \$7.00	No. 90-X—36 inches Long, White Hickory \$4.25
No. 50-Extra—36 inches Long, Extra Quality Second Growth Hickory 6.00	No. 100-Extra—36 inches Long, Selected Best Blue Oak 4.50
No. 60-XXXX—36 inches Long, Selected Second Growth Hickory 5.25	No. 110-XXXX—36 inches Long, Selected Blue Oak 3.25
No. 70-XXXX—34 inches Long, Selected Second Growth Hickory 5.25	No. 120-Favorite—36 inches Long, Oak, One Dozen in a Paper Case 2.50

Average Weight Per Dozen 24 Pounds.
Two Dozen in a Crate.

HANDLES

REVERSIBLE BROAD AXE



No. 1B—36 inches Long, Hickory, Turned and Polished, Average Weight Per Dozen 24 Lbs..... **\$3.25** Per Dozen

Two Dozen in a Crate.

BROAD AXE



No. 4XR—Right Hand, 32 inches Long, Hickory, Shaved, Average Weight Per Dozen 24 Lbs..... **\$6.50** Per Dozen
No. 4XL—Left Hand, 32 inches Long, Hickory, Shaved, Average Weight Per Dozen 24 Lbs..... **6.50**

NOTE—When Ordering, Always State if Right or Left Hand is Wanted.

Two Dozen in a Crate.

HOUSE CARPENTERS' ADZE



No. 1C—34 inches Long, Hickory, Turned and Polished..... **\$4.50** Per Dozen
No. EC—Excelsior—34 inches Long, Selected Second Growth White Hickory, Turned and Polished..... **5.50**

Average Weight Per Dozen 24 Pounds.

Two Dozen in a Crate.

RAILROAD ADZE

No. 1R—34 inches Long, Hickory, Turned and Polished..... **\$4.50** Per Dozen
No. ER—Excelsior—34 inches Long, Selected Second Growth White Hickory, Turned and Polished..... **5.50**

Average Weight Per Dozen 24 Pounds.

Two Dozen in a Crate.

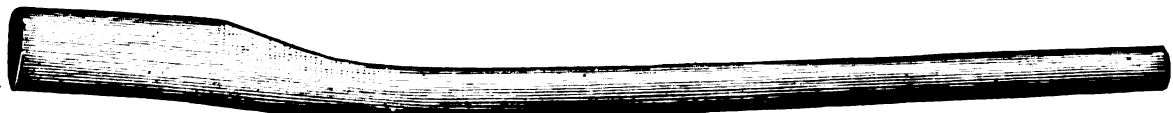
SHIP CARPENTERS' ADZE



No. SC—Excelsior—34 inches Long, Selected Second Growth White Hickory, Turned and Polished..... **\$5.50** Per Dozen
Average Weight Per Dozen 24 Pounds.

Two Dozen in a Crate.

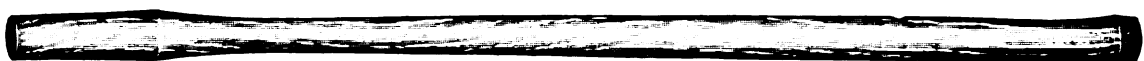
SHIP AXE



No. SA—Excelsior—34 inches Long, Selected Second Growth White Hickory, Turned and Polished..... **\$5.50** Per Dozen
Average Weight Per Dozen 24 Pounds.

Two Dozen in a Crate.

SLEDGE



Length, Inches	Second Growth Hickory.	24	30	36
Weight Per Dozen, Lbs.		12	15	20
No. FB—Frankfurth's Best, Hand Shaved.....	Per Dozen,	\$3.25	4.00	5.00
No. 1T—Turned and Polished.....	Per Dozen,	2.25	3.00	3.50
No. 18—Hand Shaved	Per Dozen,	2.25	3.00	3.50

Five Dozen in a Crate.

HANDLES

MAUL



Hickory.

Length, Inches	24	30	36
Weight Per Dozen, Lbs.	12	15	20
No. 1M—Turned and Polished.....	Per Dozen, \$2.25	3.00	3.50
No. 1MS—Hand Shaved	Per Dozen, 2.25	3.00	3.50
Five Dozen in a Crate.			

WOOD CHOPPERS' MAUL



No. 1WM—36 inches Long, Double Eye, Second Growth Hickory, Turned and Polished.....	Per Dozen \$4.00
Average Weight Per Dozen 16 Pounds.	
Two Dozen in a Crate.	

POST MAUL



No. 2PM—36 inches Long, Hickory, Average Weight Per Dozen 20 Lbs.	Per Dozen \$2.25
Five Dozen in a Crate.	

GRUB HOE



No. 1GH—36 inches Long, Second Growth Hickory, Turned and Polished, Average Weight Per Dozen 30 Lbs.....	Per Dozen \$3.00
Five Dozen in a Crate.	

RAILROAD PICK



No. ERP—Excelsior—36 inches Long, Selected Second Growth White Hickory, Turned and Polished.....	Per Dozen \$6.00
No. 1RP—36 inches Long, Second Growth Hickory, Half White and Red, Turned and Polished.....	4.75
No. 2RP—36 inches Long, Hickory, Mostly Red, Turned and Polished	3.75
No. 3RP—36 inches Long, Hickory, All Red, Turned and Polished	3.00
No. 4RP—Extra—36 inches Long, White Ash.....	4.00
No. 5RP—Extra—36 inches Long, Rock Maple.....	4.00
Average Weight Per Dozen 34 Pounds.	
Five Dozen in a Crate.	

DRIFTING PICK



No. DP—Excelsior—34 inches Long, Selected Second Growth White Hickory, Turned and Polished.....	Per Dozen \$4.00
Average Weight Per Dozen 24 Pounds.	
Five Dozen in a Crate.	

POLL PICK

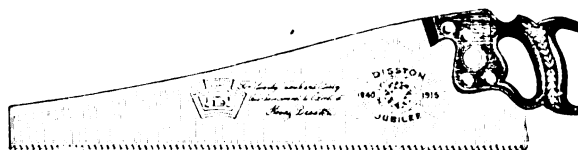


No. PP—Excelsior—34 inches Long, Selected Second Growth White Hickory, Turned and Polished.....	Per Dozen \$4.00
Average Weight Per Dozen 24 Pounds.	
Five Dozen in a Crate.	

HAND, RIP AND PANEL SAWS

HENRY DISSTON & SONS'

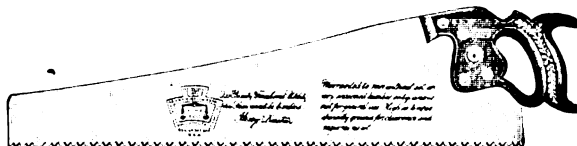
The Finest Hand Saw
Made.



The Latest and Finest Product
of the Disston Works.

No. D115—Skew Back, Extra London Spring Steel, Patent Ground and Tempered, Highly Polished, Carved and Polished Rosewood Handle, Nickel Plated Screws, 5 in Hand and Rip Saws, 4 in Panel Saws.

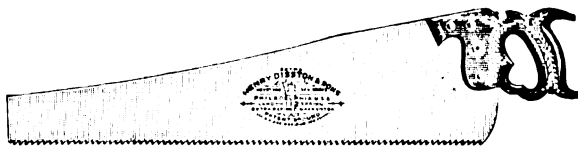
	Panel 20	Panel 22	Panel 24	Hand 26	Rip 28
Length, Inches	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 ½, 5, 5 ½, 6
Points to the Inch.....	16	20	22	24	27
Weight Per Dozen, Lbs.....	\$48.00	52.00	55.00	58.00	64.00
Per Dozen					



No. 120—Acme Skew Back, Extra London Spring Steel, Patent Ground and Tempered, High in Temper, Specially Ground for Clearance, Highly Polished, Carved and Polished Applewood Handle, Brass Screws, 5 in Hand and Rip Saws, 4 in Panel Saws.

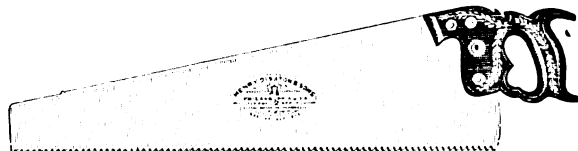
	Panel 18	Panel 20	Panel 22	Panel 24	Hand 26	Rip 28
Length, Inches	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 ½, 5, 5 ½, 6
Points to the Inch.....	14	16	20	22	24	27
Weight Per Dozen, Lbs.....	\$44.00	48.00	52.00	55.00	58.00	64.00
Per Dozen						

A fast, smooth cutting saw; particularly adapted for fine cabinet work. Warranted to run without set in dry, seasoned lumber only, and are not for general use.



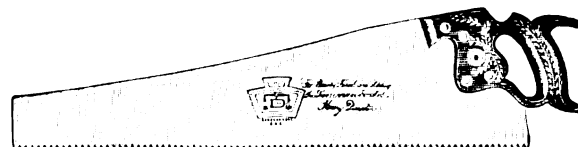
No. 112—Skew Back, Extra Refined London Spring Steel, Patent Ground and Tempered, Highly Polished, Carved and Polished Applewood Handle, 4 Brass Screws.

	Hand 26	Rip 28
Length, Inches	6,7,8,9,10,11,12	4 ½, 5, 5 ½, 6
Points to the Inch.....	24	27
Weight Per Dozen, Lbs.....	\$48.00	54.00
Per Dozen		



No. 12—Straight Back, Extra Refined London Spring Steel, Patent Ground and Tempered, Highly Polished, Carved and Polished Applewood Handle, Brass Screws, 4 in Hand, Rip and 24 inch Panel Saws, 3 in 18 to 22 inch Panel Saws.

	Panel 18	Panel 20	Panel 22	Panel 24	Hand 26	Rip 28
Length, Inches	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 ½, 5, 5 ½, 6
Points to the Inch.....	16	18	20	22	24	27
Weight Per Dozen, Lbs.....	\$33.00	36.00	40.00	44.00	46.50	53.00
Per Dozen						



No. D100—Skew Back, Refined Crucible Steel, Patent Ground and Tempered, Highly Polished, Carved and Polished Applewood Handle, Brass Screws, 5 in Hand and Rip Saws, 4 in Panel Saws.

	Panel 18	Panel 20	Panel 22	Panel 24	Hand 26	Rip 28	Rip 28
Length, Inches	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 ½, 5, 5 ½, 6	4 ½, 5, 5 ½, 6
Points to the Inch.....	16	18	20	22	24	24	27
Wt. Per Dozen, Lbs.....	\$29.00	32.00	35.00	37.00	40.00	40.00	45.00
Per Dozen							

All Above, One-third Dozen in a Box Digitized by Google

HAND, RIP AND PANEL SAWS

HENRY DISSTON & SONS'

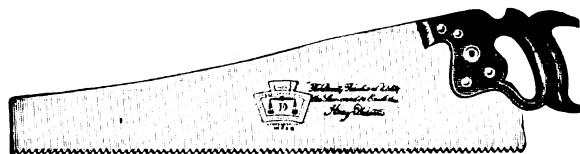
Narrow Width.
6 inches Wide at Butt.,
1 3/4 inches at Point.



Suitable for Work where a
Narrow Saw is Desirable.

Skew Back, Narrow Width, Refined Crucible Steel, Patent Ground and Tempered, Highly Polished, Carved and Polished Applewood Handle, 5 Brass Screws.

No. D20—Hand, 26 inches Long, 6, 7, 8, 9, 10, 11 and 12 Points to the Inch..... Per Dozen \$40.00
Weight Per Dozen 21 Pounds.
One-third Dozen in a Box.



No. D6—Skew Back, Refined Crucible Steel, Patent Ground and Tempered, Full Polished, Applewood Handle, Brass Screws, 5 in Hand and Rip Saws, 4 in Panel Saws.

	Panel 20	Panel 22	Panel 24	Hand 26	Rip 26	Rip 28
Length, Inches	18	20	22	24	26	28
Points to the Inch..	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 1/2, 5, 5 1/2, 6	4 1/2, 5, 5 1/2, 6
Wt. Per Dozen, Lbs.	16	18	20	22	24	27
Per Dozen	\$26.00	29.00	32.00	34.50	36.00	41.00

One-third Dozen in a Box.



No. 7—Straight Back, Crucible Steel, Grained, Patent Ground and Tempered, Beechwood Handle, Full Polished, Brass Screws, 4 in Hand, Rip and 24 inch Panel Saws, 3 in 18 to 22 inch Panel Saws.

	Panel 20	Panel 22	Panel 24	Hand 26	Rip 26	Rip 28
Length, Inches	18	20	22	24	26	28
Points to the Inch..	8,9,10,11,12	8,9,10,11,12	7,8,9,10,11,12	7,8,9,10,11,12	6,7,8,9,10,11,12	4 1/2, 5, 5 1/2, 6
Wt. Per Dozen, Lbs.	16	18	20	22	24	27
Per Dozen	\$20.00	21.00	24.00	28.00	30.00	35.00

One-third Dozen in a Box.

E. C. ATKINS & CO.'S

The Finest Hand Saw
Manufactured.



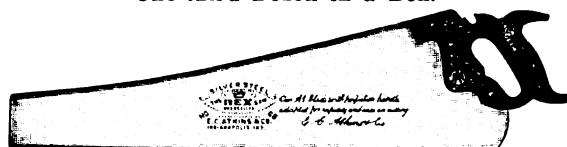
A Beautifully Proportioned
Tool.

No. 400—Skew Back, Genuine Atkins Silver Steel, Extremely Hard Tough Temper, Sharp Keen Cutting Teeth, Taper Ground, Mirror Finish, Piano Finished Rosewood Handle, 4 Silver Plated Screws.

	Hand 26	Rip 26
Length, Inches	26	26
Points to the Inch.....	7,8,9,10,11,12	5,5 1/2, 6
Weight Per Dozen, Lbs.....	39	39
Per Dozen	\$68.00	68.00

Runs free and easy as the blade has ample clearance and requires very little set. Each saw is enclosed in a moisture proof bag and cotton flannel packet to prevent rusting. Packed one in a handsome box covered with highly finished gloss paper and beautifully labeled.

One-third Dozen in a Box.



No. 68—Skew Back, Atkins' Silver Steel, Very Finely Tempered, Taper Ground, Ribbon Back, Mirror Finish, Embossed Applewood Handle, Varnished and Highly Polished, 4 Nickel Plated Screws.

	Panel 18	Panel 20	Panel 22	Hand 26	Rip 26	Rip 28
Length, Inches	18	20	22	24	26	28
Points to the Inch.....	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 1/2, 5, 5 1/2, 6	4 1/2, 5, 5 1/2, 6
Weight Per Dozen, Lbs.....	13	15	18	25	25	30
Per Dozen	\$27.00	30.00	33.00	38.00	38.00	44.00

Packed One in a Moisture Proof Bag.
One-third Dozen in a Box.

HAND, RIP AND PANEL SAWS

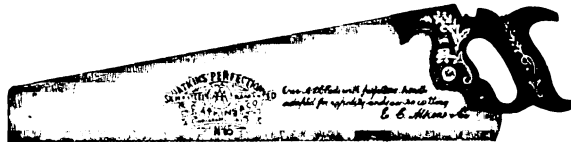
E. C. ATKINS & CO.'S



No. 53—Skew Back, Atkins Silver Steel, Taper Ground, Ribbon Edge, Damaskeen Finish, Embossed Applewood Handle, Varnished and Highly Polished, 4 Brass Screws.

	Panel 18	Panel 20	Panel 22	Panel 24	Hand 26	Rip 26	Rip 28
Length, Inches	18	20	22	24	26	26	28
Points to the Inch.	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 1/2, 5, 5 1/2, 6	4 1/2, 5, 5 1/2, 6
Wt. Per Dozen, Lbs.	13	15	18	20	25	25	30
Per Dozen	\$26.00	29.00	32.00	34.00	36.00	36.00	40.00

Packed One in a Moisture Proof Bag.
One-third Dozen in a Box.



Straight Back, Atkins Silver Steel, Taper Ground, Damaskeen Finish, Embossed Applewood Handle, Varnished and Finely Finished, 4 Brass Screws.

No. 65—Hand, 26 inches Long, 6, 7, 8, 9, 10, 11 and 12 Points to the Inch. Per Dozen \$34.00
Weight Per Dozen 27 Pounds.
Packed One in a Moisture Proof Bag.
One-third Dozen in a Box.



No. 70—Skew Back, Atkins Special Steel, Taper Ground, Highly Finished, Polished Edge, Varnished Applewood Handle, 4 Brass Screws.

	Panel 18	Panel 20	Panel 22	Hand 26	Rip 26	Rip 28
Length, Inches	18	20	22	26	26	28
Points to the Inch.	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 1/2, 5, 5 1/2, 6	4 1/2, 5, 5 1/2, 6
Weight Per Dozen, Lbs.	13	15	18	25	25	29
Per Dozen	\$21.00	23.00	25.00	30.00	30.00	35.00

One-third Dozen in a Box.

RELIABLE



No. 59—Skew Back, High Quality Cast Steel, Nicely Finished, Beechwood Handle with Varnished and Polished Edges, 4 Brass Screws.

	Hand 26	Rip 26
Length, Inches	26	26
Points to the Inch.	6,7,8,9,10,11,12	4 1/2, 5, 5 1/2, 6
Weight Per Dozen, Lbs.	24	27
Per Dozen	\$20.00	22.50

One-third Dozen in a Box.

PHOENIX



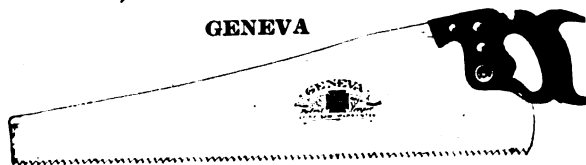
No. 1039—Skew Back, Cast Steel, Polished, Beechwood Handle with Polished Edges, 4 Brass Screws.

	Panel 20	Panel 22	Panel 24	Hand 26	Rip 26	Rip 28
Length, Inches	20	22	24	26	26	28
Points to the Inch.	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 1/2, 5, 5 1/2, 6	4 1/2, 5, 5 1/2, 6
Weight Per Dozen, Lbs.	15	18	21	25	25	29
Per Dozen	\$15.00	16.00	17.00	18.00	18.00	20.00

One-third Dozen in a Box.

HAND, RIP AND PANEL SAWS

GENEVA



Skew Back, Warranted Cast Steel, Ground Three Gauges Thinner on Back, Carved and Polished Cherrywood Handle, Nickel Plated Reinforced Plate, 4 Brass Screws.

	Panel 18	Panel 20	Panel 22	Panel 24	Hand 26	Rip 26	Rip 28
Length, Inches	18	20	22	24	26	26	28
Points to the Inch	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4 1/2, 5, 5 1/2, 6	4 1/2, 5, 5 1/2, 6
Wt. Per Dozen, Lbs. . . .	13	15	18	20	24	24	27
Per Dozen	\$20.00	21.00	22.00	23.00	26.00	26.00	29.00

GLOBE



Skew Back, Warranted Cast Steel, Carved Beechwood Handle, 4 Brass Screws.

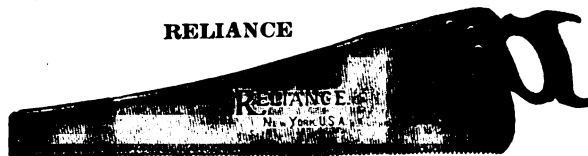
	Panel 18	Panel 20	Panel 22	Panel 24	Hand 26	Rip 26	Rip 28
Length, Inches	18	20	22	24	26	26	28
Points to the Inch	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10	4 1/2, 5, 5 1/2, 6	4 1/2, 5, 5 1/2, 6
Wt. Per Dozen, Lbs. . . .	13	15	18	20	24	24	27
Per Dozen	\$14.00	15.00	16.00	17.00	18.00	18.00	20.00

NONPAREIL



Nonpareil—Hand, 26 inches Long, 6, 7, 8, 9 and 10 Points to the Inch, Skew Back, Warranted Cast Steel, Blued, Beechwood Handle, 4 Brass Screws, Weight Per Dozen 24 Lbs. Per Dozen \$15.00

RELIANCE



Skew Back, Warranted Cast Steel, Beechwood Handle, 4 Brass Screws.

	Panel 18	Panel 20	Panel 22	Hand 24	Hand 26	Rip 28
Length, Inches	18	20	22	24	26	28
Points to the Inch	8,9,10	8,9,10	8,9,10	8,9,10	6,7,8	4 1/2, 5, 5 1/2, 6
Weight Per Dozen, Lbs.	13	15	18	22	24	27
Per Dozen	\$10.00	10.50	11.00	12.00	14.00	15.00

All Above, One-third Dozen in a Box.

EUREKA



Straight Back, Cast Steel, Beechwood Handle, 3 Brass Screws.

	Panel 18	Panel 20	Panel 22	Hand 24	Hand 26	Rip 28
Length, Inches	18	20	22	24	26	28
Points to the Inch	8,9,10	8,9,10	8,9,10	8,9,10	6,7,8	4 1/2, 5, 5 1/2, 6
Weight Per Dozen, Lbs.	13	15	18	22	24	27
Per Dozen	\$7.00	8.00	9.00	10.00	10.00	10.00

One-half Dozen in a Box.

CHALLENGE



Challenge—Hand, 26 inches Long, 6, 7, 8, 9 and 10 Points to the Inch, Cast Steel, Black Walnut Handle with Steel Plate, 3 Brass Screws, Weight Per Dozen 24 Lbs. Per Dozen \$12.00
One-half Dozen in a Box.

COMBINATION



Combination—Hand, 26 inches Long, 6, 7 and 8 Points to the Inch, Cast Steel, Polished, with 24 inch Straight Edge, Rule and Square, Beechwood Handle, 3 Brass Screws, Weight Per Dozen 24 Lbs. Per Dozen \$11.00
One-half Dozen in a Box.

FLOORING SAWS

ATKINS' SPECIAL



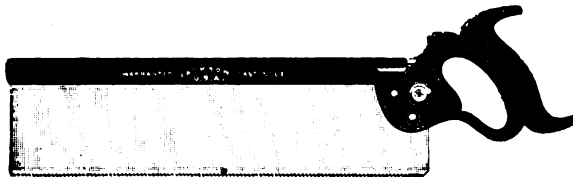
No. 100—18 inch Polished Silver Steel Blade, $4\frac{1}{8}$ inches Wide at the Butt, $4\frac{1}{8}$ inches Wide at the Breast, 10 Points to the Inch, Varnished Applewood Handle, 3 Brass Screws.....\$32.00
Designed for sawing into flat surfaces, such as floors, without the necessity of boring or using a keyhole saw or chisel. Tempered very hard and tough to withstand severe usage. It is straight ground and the teeth are bevel filed.
Weight Per Dozen 20 Pounds.
One-third Dozen in a Box.

"HAND" HACK SAWS
DISSTON'S

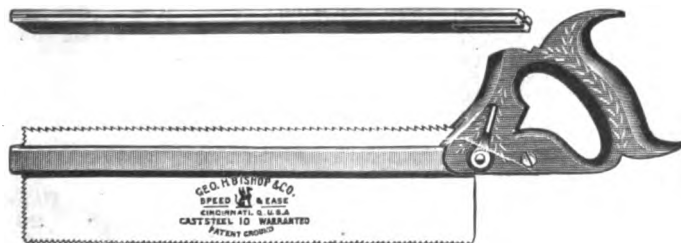
No. 340—For Cutting Iron and Steel, 24 inch Tempered Crucible Steel Blade, Hollow Ground for Clearance, 12 Points to the Inch, Applewood Handle, 4 Brass Screws.....\$42.00
Made especially for use of structural iron workers. The teeth in this saw cannot be set.
Weight Per Dozen 22 Pounds.
One-third Dozen in a Box.

BACK SAWS

JACKSON



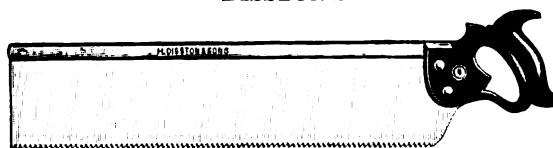
No. 1J—Cast Steel Blade, Blued Steel Back, Beechwood Handle with Polished Edges, Brass Screws.
Length, Inches..... 10 12 14
Wt. Per Dozen, Lbs.. 12 14 19
Per Dozen..... \$16.00 20.00 23.00
One-third Dozen in a Box.



MITRE BOX SAWS

DISSTON'S

Regularly Made 11 Points to the Inch.
19 Gauge in Thickness.



Full Length of Blade is Measured.
Toothed Edge is about 2 inches Shorter.

Crucible Steel Blade, Blued Steel Back, Applewood Handle with Polished Edges, Brass Screw.					Crucible Steel Blade, Blued Steel Back, Applewood Handle with Polished Edges, Brass Screw.				
No. 4M—4 inches Under Back.					No. 5M—5 inches Under Back.				
Length, Inches.....	22	24	26	28	Length, Inches.....	26	28	30	
Wt. Per Dozen, Lbs....	33	34	35	40	Weight Per Dozen, Lbs....	40	43	48	
Per Dozen.....	\$42.00	45.00	48.00	52.00	Per Dozen.....	\$54.00	58.00	62.00	

One-third Dozen in a Box.

PLUMBERS' SAWS

DISSTON'S



No. 10P—20 inch Tempered Crucible Steel Blade, Adjustable Carved and Polished Cherrywood Handle. \$28.00
Made particularly for use on work encountered by mechanics in making repairs where it is necessary to cut through joists, rafters, flooring, etc., in which nails may be embedded. Also used for cutting soil pipe, gas pipe, etc.
Weight Per Dozen 14 Pounds.
One-half Dozen in a Box.

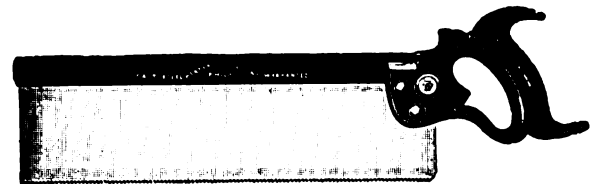
STAIR BUILDERS' SAWS

DISSTON'S



No. 1—6x1 $\frac{1}{2}$ inch Cast Steel Blade, 8 Points to the Inch, Beechwood Handle with Varnished Edges....\$8.00
Weight Per Dozen 9 Pounds.
One-half Dozen in a Box.

DISSTON'S



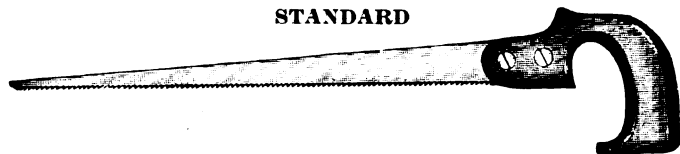
No. 4—Best Crucible Steel Blade, Blued Steel Back, Applewood Handle with Polished Edges, Brass Screws.
Length, Inches..... 8 10 12 14 16
Wt. Per Dozen, Lbs. 10 12 14 19 23
Per Dozen..... \$21.00 23.00 26.00 29.00 33.00
One-third Dozen in a Box.

BISHOP'S PATENT

No. 10—Spring Steel Blade, Hand Filed and Set, Polished Steel Back, Carved Applewood Handle, Nickel Plated Thumb Lever.
Length, Inches..... 10 12 14 16 18
Wt. Per Dozen, Lbs. 12 13 21 24 27
Per Dozen..... \$22.00 24.00 26.00 28.00 30.00
A Back, Dovetailing, Rip, Cross Cut and Depth Cutting Saw. The blade can be quickly adjusted to any depth of cut.
One-third Dozen in a Box.

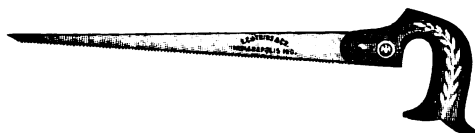
COMPASS SAWS

STANDARD



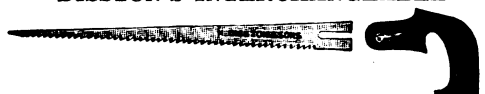
No. 3—Cast Steel Blade, Beechwood Handle, 2 Brass Screws.
 Length of Blade, Inches..... 12 14
 Weight Per Dozen, Lbs..... 6 6½
 Per Dozen \$3.50 4.00
 One-half Dozen in a Box.

ATKINS'



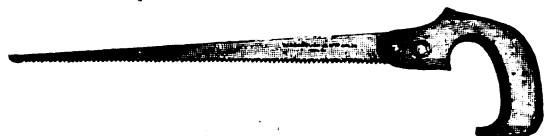
No. 2A—Silver Steel Blade, Carved and Polished Applewood Handle, Brass Screws.
 Length of Blade, Inches..... 12 14
 Weight Per Dozen, Lbs..... 6 7
 Per Dozen \$7.00 7.50
 One-half Dozen in a Box.

DISSTON'S INTERCHANGEABLE



No. 4—Crucible Steel Blade, Applewood Handle with Nickel Plated Tightening Lever.
 Length of Blade, Inches..... 12 14
 Weight Per Dozen, Lbs..... 6 7
 Per Dozen \$6.50 7.00
 One-quarter Dozen in a Box.

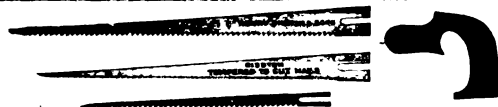
KEYHOLE SAWS



No. 12—12 inch Narrow Cast Steel Blade, Beechwood Handle, 2 Brass Screws..... \$3.00
 Weight Per Dozen 5 Pounds.
 One-half Dozen in a Box.

Per Dozen

NESTS OF SAWS



No. 7 Nest—Consists of One 10 inch Keyhole Blade, One 16 inch Compass Blade, One 14 inch Plumber's Compass Blade for Cutting Nails, and Beechwood Handle with Nickel Plated Tightening Lever, Weight Per Dozen Nests 10 Lbs..... \$14.00

EXTRA PARTS

10 inch Keyhole Blade.. \$3.00 14 in. Plumber's Blade.. \$5.00
 16 inch Compass Blade. 4.00 Handle, Complete..... 2.50
 One-quarter Dozen Nests in a Box.

ATKINS'



No. 2A Nest—Consists of One 10 inch Keyhole Blade, One Each 12 and 16 inch Compass Blade, and Beechwood Handle with Tightening Screws, Weight Per Dozen Nests 10 Lbs..... \$13.00

EXTRA PARTS

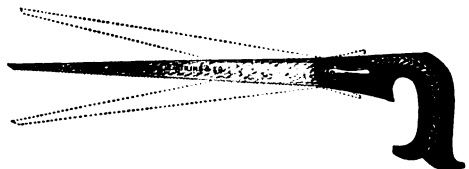
10 inch Keyhole Blade.. \$3.00 16 inch Compass Blade.. \$5.00
 12 inch Compass Blade. 4.00 Handle, Complete..... 2.50
 One-quarter Dozen Nests in a Box.

DISSTON'S



No. 2—Crucible Steel Blade, Applewood Handle, 2 Brass Screws.
 Length of Blade, Inches..... 10 12 14
 Weight Per Dozen, Lbs..... 5 6 7
 Per Dozen \$6.00 6.50 7.00
 One-half Dozen in a Box.

ATKINS' ADJUSTABLE



No. 11—Silver Steel Blade, Adjustable Carved and Polished Applewood Handle.
 Length of Blade, Inches..... 14
 Weight Per Dozen, Lbs..... 7
 Per Dozen \$10.00
 One-half Dozen in a Box.

ATKINS' INTERCHANGEABLE



No. 10—Silver Steel Blade, Beechwood Handle, Brass Screws.
 Length of Blade, Inches..... 12 14
 Weight Per Dozen, Lbs..... 6½ 7
 Per Dozen \$6.50 7.00
 Extra Blades Per Dozen, 4.00 4.50
 One-half Dozen in a Box.

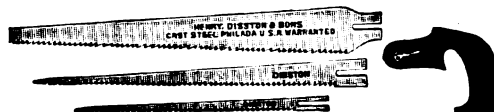
KEYHOLE SAWS AND PADS



No. 16—Cast Steel Blade, Black Japanned Malleable Iron Handle, Side Thumb Screw..... \$3.50
 Weight Per Dozen 2½ Pounds.
 One Dozen in a Box.

Per Dozen

DISSTON'S



No. 3 Nest—Consists of One 10 inch Keyhole Blade, One 14 inch Compass Blade, One 16 inch Pruning Blade, and Beechwood Handle with Nickel Plated Tightening Lever, Weight Per Dozen Nests 12 Lbs. \$17.00

EXTRA PARTS

10 inch Keyhole Blade.. \$3.00 16 inch Pruning Blade.. \$8.00
 14 inch Compass Blade. 4.50 Handle, Complete..... 2.50
 One-quarter Dozen Nests in a Box.

ATKINS'



No. 3A Nest—Consists of One 12 inch Keyhole Blade, One 14 inch Compass Blade, One 18 inch Cutting Blade, and Applewood Handle with Tightening Screws, Weight Per Dozen Nests 14 Lbs..... \$26.00

EXTRA PARTS

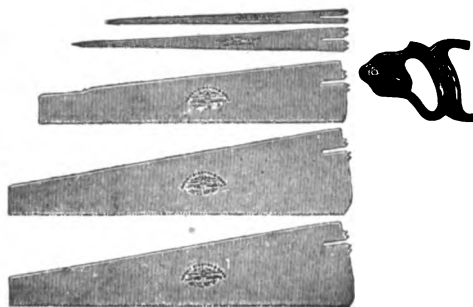
12 inch Keyhole Blade.. \$3.50 18 inch Cutting Blade.. \$13.00
 14 inch Compass Blade. 4.50 Handle, Complete.... 4.50
 One-quarter Dozen Nests in a Box.

SAW KITS

DISSTON'S HANDY

The combination of Blades in this Set provides a handy kit for the practical mechanic, farmer, householder, etc.

The Plumbers' Saw Blade is specially tempered for cutting nails, spikes, bolts, gas pipe, soil pipe, etc.



The handle has a special lever device which is arranged to hold the blades comprising the set rigid and the special formation of the butt of the blades prevents wobbling.

The special shaped lever bolt permits by a quarter or half turn of same, the keeping of the lever in position so it will not interfere with the working of the saw.

Crucible Steel Blades, Ground and Polished.

No. 102 Set—Consists of One 12 inch Keyhole Saw Blade, One 14 inch Compass Saw Blade, One 18 inch Plumbers' Saw Blade, One 20 inch 7 Point Rip Saw Blade, One 20 inch 10 Point Cross Cut Saw Blade and Adjustable Carved and Polished Hardwood Handle, Put up in a Durable Canvas Case with Leather Bound Edges and Separate Compartments for Each Blade, with a Special Pocket for the Handle, Weight Per Set 4 Lbs., One Set in a Carton.....**\$6.30** Per Set

Per Dozen
12 inch Keyhole Saw Blade.....**\$3.50**
14 inch Compass Saw Blade.....**4.00**

EXTRA PARTS
Per Dozen
18 inch Plumbers' Saw Blade....**\$17.00**
20 inch Rip Saw Blade.....**17.00**

Per Dozen
20 inch Cross Cut Saw Blade....**\$17.00**
Adjustable Handle **7.00**
Canvas Case **10.00**

COPING SAWS

JENNINGS'

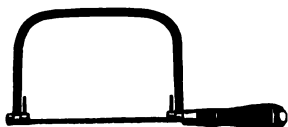


Per Dozen
No. 100—Nickel Plated Wire Frame and Handle, 4 inches Deep, Complete with One Dozen 6 inch Bent End Blades.....**\$3.50**

Per Gross
No. 100B—Extra Blades, 6 inches Long, with Bent Ends**\$1.50**
The frame of this saw is slotted so blade can be set at right angles.

Weight Per Dozen 4 Pounds.
One-half Dozen in a Box.

ATKINS



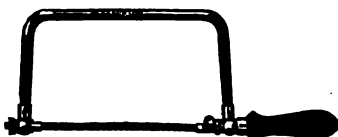
Per Dozen
No. 50— $\frac{3}{4} \times \frac{1}{8}$ inch Cold Rolled Steel Back, Nickel Plated and Buffed, Length of Frame $7\frac{1}{4}$ inches, Depth from Blade to Back $4\frac{1}{2}$ inches, Varnished Hardwood Handle, Complete with 1 Blade.....**\$11.00**

Extra Blades **1.00**
Through the use of cap screws into which wires are inserted, the blade may be instantly adjusted to cut sharp or unusual angles with perfect ease.

Weight Per Dozen 7 Pounds.
One-twelfth Dozen in a Box.

COPING SAWS

MILLERS FALLS BALL BEARING

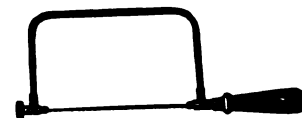


Per Dozen
No. 42—Nickel Plated Heavy Steel Wire Frame, Polished Hardwood Handle, Complete with 3 $6 \times \frac{3}{4}$ inch Blades Fitted with Pins..**\$17.00**

No. 60—Extra Blades, $6 \times \frac{3}{4}$ inch, with Pins.....**.70**
The frame may be locked rigid or adjusted to swing free without reference to the direction blade takes in sawing. Ball bearings under outer head insure alignment of blade when the back is swinging free.

Weight Per Dozen 6 Pounds.
One-quarter Dozen in a Box.

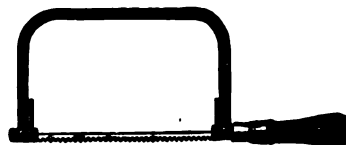
JONES' RATCHET.



Per Dozen
No. 2—Heavily Nickel Plated Steel Frame, Hardwood Handle, 4 inches Deep, Complete with Six 6 inch Blades**\$10.00**
No. 2B—Extra Blades **1.50**
Has a ratchet arrangement which enables the user to set the blade at any angle by the handle and button at the opposite end of saw frame.

Weight Per Dozen $5\frac{1}{2}$ Pounds.
One-twelfth Dozen in a Box.

F. P. M.



Per Dozen
F. P. M.—Highly Finished Cold Drawn Steel Frame, Hardwood Handle with Tightening Screw, $6\frac{1}{2} \times \frac{1}{4}$ inch Imported Band Saw Steel Blade.....**\$11.00**
Extra Blades— $6\frac{1}{2} \times \frac{1}{4}$ inch..... **1.00**
The blade being placed on a swivel, can be instantly set to cut any angle by turning a little device on the handle. The teeth being set alternately, can be easily refilled.

Weight Per Dozen 7 Pounds.
One-twelfth Dozen in a Box.

BRACKET SAW SETS



Per Dozen Sets
No. 22 Set—Consists of 12×5 inch Nickel Plated Spring Steel Frame with Rosewood Handle, 12 Blades, 1 Awl, 1 Sheet of Impression Paper and 3 Sheets of Designs, Put up in a Pasteboard Box.....**\$18.00**
Weight Per Dozen Sets 13 Pounds.
One-twelfth Dozen in a Box.

HACK SAW FRAMES

UNION



No. 30—Black Enameled Solid Cast Iron Frame, Stained Hardwood Handle.

Without Blade.

For Blade, Inches.....	8	9
Weight Per Dozen, Lbs.....	12	13
Per Dozen	\$4.00	4.50

One-half Dozen in a Box.

UNION EXTENSION



No. 50—Takes 8 to 12 inch Blades, Nickel Plated Best Cold Rolled Steel Frame, Mahogany Finished Hardwood Handle, without Blade.....\$6.00

The adjustable feature is obtained by the use of a pin set in the edge of the long end of the frame.

Weight Per Dozen 12 Pounds.
One-twelfth Dozen in a Box.

STAR EXTENSION

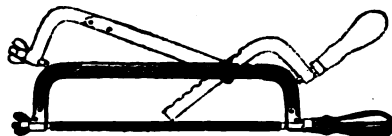


No. 27—Takes 8 to 12 inch Blades, $\frac{3}{4} \times \frac{1}{2}$ inch Nickel Plated Stiff Steel Frame, Steel Sheath, Depth Under Back $3\frac{1}{4}$ inches, Stained Hardwood Handle, Complete with One 10 inch Blade in Each Frame...\$18.00

The blade is strained by a thumb nut and screw stud, and may be faced in four directions.

Weight Per Dozen 12½ Pounds.
One-twelfth Dozen in a Box.

HOOSIER EXTENSION



No. 1—Takes 8 to 12 inch Blades, Heavily Nickel Plated High Grade Steel Frame, Enameled Hardwood Handle, without Blade.....\$12.60

Blade can be faced four different ways.

Weight Per Dozen 13 Pounds.
One-twelfth Dozen in a Box.

HACK SAW FRAMES

ATKINS "GRIP HANDLE" EXTENSION

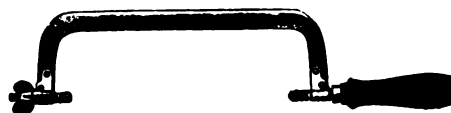


No. 4—Takes 8 to 12 inch Blades, $\frac{3}{4} \times \frac{1}{2}$ inch Heavily Nickel Plated Steel Frame, Depth Under Back $4\frac{1}{2}$ inches, Grip Handle, Complete with One 10 inch Blade in Each Frame.....\$18.00

The Grip Handle gives ease of operation and better control of the saw. The blade can be faced in four directions.

Weight Per Dozen 19 Pounds.
One-twelfth Dozen in a Box.

EAGLE



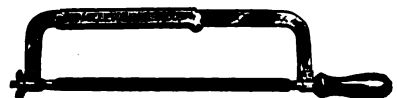
No. 20—Full Polished and Nickel Plated Solid Steel Frame, Black Enameled Hardwood Handle.

Without Blade.

For Blade, Inches.....	8	9
Weight Per Dozen, Lbs.....	13	14
Per Dozen	\$8.00	8.50

One-half Dozen in a Box.

STAR EXTENSION



No. 26—Takes 8 to 12 inch Blades, $\frac{3}{4} \times \frac{1}{2}$ inch Nickel Plated Stiff Steel Frame, Steel Sheath, Depth Under Back $3\frac{1}{4}$ inches, Stained Hardwood Handle, Complete with One 10 inch Blade in Each Frame....\$11.00

The blade is strained by turning a thumb nut and may be faced in four directions.

Weight Per Dozen 16½ Pounds.
One-twelfth Dozen in a Box.

JENNINGS' EXTENSION



No. 175—Takes 8 to 12 inch Blades, Nickel Plated Stiff Steel Frame, Enameled Hardwood Handle, without Blade.....\$10.00

Instantly adjustable so that the blade can be turned at right angles to the frame. The end clip and end shank are square, which insures the blade running true.

Weight Per Dozen 13 Pounds.
One-twelfth Dozen in a Box.

STAR "PISTOL GRIP" EXTENSION



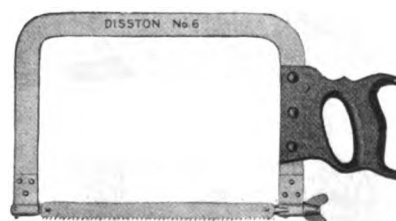
No. 1027—Takes 8 to 12 inch Blades, $\frac{3}{4} \times \frac{1}{2}$ inch Nickel Plated Stiff Steel Frame, Depth Under Back $3\frac{1}{4}$ inches, Black Composition Handle, Complete with One 10 inch Blade in Each Frame.....\$28.00

Blade may be faced in four directions. The handle fits any size hand.

Weight Per Dozen 18 Pounds.
One-twelfth Dozen in a Box.

RAIL HACK SAWS

DISSTON'S



No. 7—Takes 12 inch Blades, Polished Steel Frame, Riveted Sockets, $10\frac{1}{4}$ inch Inside of Frame to Tooth Edge, Hardwood Handle.....\$26.00

For cutting off iron beams, girders, etc.

Weight Per Dozen 55 Pounds.
One-twelfth Dozen in a Box.

PRUNING SAWS

PARAGON DOUBLE EDGE



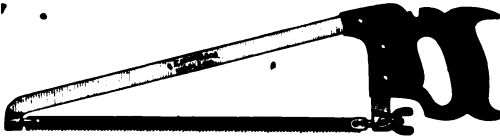
No. 12 Silver Steel Blade with Hard, Stiff Temper, Hardwood Handle with Varnished Edges, Brass Screws.

Length, Inches	18	20
Weight Per Dozen, Lbs.....	12	12 ½
Per Dozen	\$14.00	16.00

The concave edge is toothed for fine cutting and the opposite edge for coarse heavy work. Blade tapers from 2 ½ inch at the handle to 1 inch at the point.

One-third Dozen in a Box.

ATKINS' TAPERED



Per Dozen

No. 11—18 inch Frame, ¾ x ½ inch High Grade Crucible Steel Back, Easy Grip Beechwood Handle with Varnished Edges, Brass Screws, 14 ¾ inch Blued Steel Blade with 8 Points to the Inch.....\$26.00

The blade may be used at any angle.

Weight Per Dozen 20 Pounds.

One-third Dozen in a Box.

RICHARDSON'S SINGLE EDGE



Heavy Cast Steel Blade, Ground Thin on Back, Beechwood Handle with Polished Edges, Brass Screws.

No.	40
Length, Inches	20
Weight Per Dozen, Lbs.....	11
Per Dozen	\$13.00

One-third Dozen in a Box.

ATKINS' "AAA" POLE TREE



Per Dozen

No. 16—12 inch Curved Silver Steel Blade with Peg Teeth, Japanned Malleable Iron Socket with Hook, without Pole

\$17.00

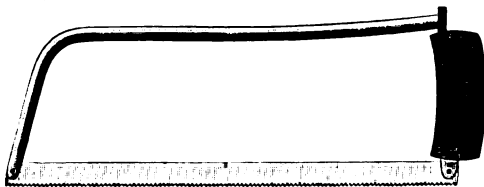
The blade may be changed to cut at any angle. The hook is for use in dislodging cut limbs or removing them, should they obstruct the cutting point. The socket is hollowed and bored for slipping onto a pole of any desired length.

Weight Per Dozen 12 Pounds.

One-sixth Dozen in a Box.

DEHORNING SAWS

DISSTON'S



Per Dozen

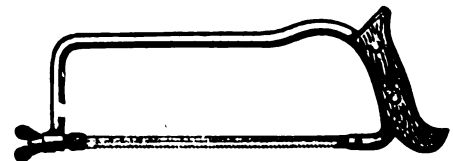
No. 3—Polished Malleable Iron Frame, Beechwood Handle, Complete with 11 ½ x ¾ inch Cast Steel Blade

\$7.00

Extra Blades—11 ½ x ¾ inch..... 2.00

Weight Per Dozen 5 Pounds.

One-half Dozen in a Box.



Per Dozen

No. 6—Polished Malleable Iron Frame, Beechwood Handle, Complete with 10 x ¾ inch Crucible Steel Blade

\$10.00

Extra Blades—10 x ¾ inch

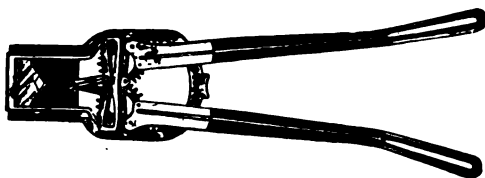
2.00

Weight Per Dozen 5 Pounds.

One-half Dozen in a Box.

DEHORNERS

PERFECT



Each

Perfect—36 inches Long, Japanned Malleable Iron Frame and Handle, 2 Tool Steel V Shaped Blades...\$10.00

Extra Blades—Tool Steel, V Shaped..... 2.75

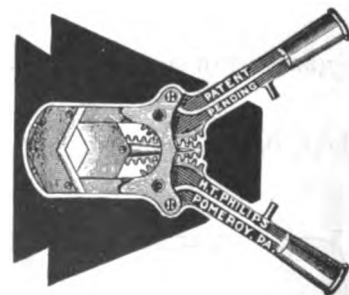
The blades slide past each other at an angle and can be readily sharpened or replaced.

The power obtained from the leverage is greater than in any dehorner; it will cut instantly a horn of any size without crushing or twisting it.

Weight Each 20 Pounds.

Open Stock.

IMPROVED KEYSTONE



Each

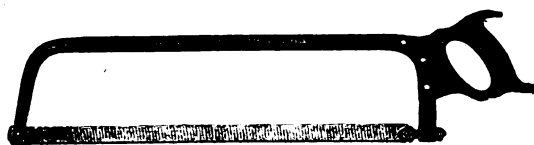
Improved Keystone—44 inches Long, Japanned Malleable Iron Frame, 2 Tool Steel V Shaped Blades, Rock Maple Handles, Complete with Leader Rope, Extra Set of Blades and Screws.....\$23.00

Will cut any size horn. Does not crush the horn as others do, on account of the V-shaped blades used.

Weight Each 15 Pounds.

BUTCHERS' SAWS

DISSTON'S



No. 1— $\frac{3}{4}$ x $\frac{3}{4}$ inch Oval Forged Steel Back, Solid Forged Sockets, $1\frac{1}{4}$ inch Bright Crucible Steel Blade, 11 Points to the Inch, Beechwood Handle, Brass Screws.

Depth from Inside Center Edge of 24 inch Frame to Tooth Edge of Blade 5 inches.

Length, Inches	20	22	24
Weight Per Dozen, Lbs.	27	28	29
Per Dozen	\$23.50	23.00	24.00

One-third Dozen in a Box.

ATKINS'



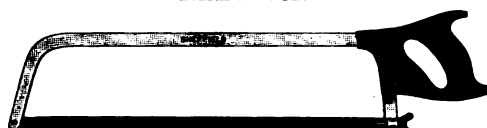
No. 3A— $1 \times \frac{1}{4}$ inch Flat Steel Back with Square Edge, $\frac{3}{4}$ inch Bright Silver Steel Blade, Beechwood Handle and Varnished Edges, Nickel Plated Screws.

Length, Inches	16	18	20	22	24	26
Weight Per Dozen, Lbs.	28	30	34	36	39	43
Per Dozen	\$20.00	22.00	23.00	24.50	26.00	27.00

The tension on blade is secured by use of a hexagon nut.

One-third Dozen in a Box.

RELIANCE

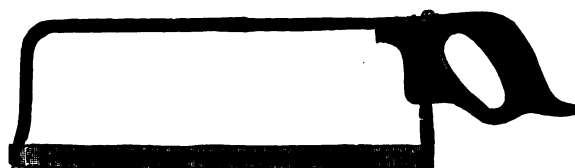


No. 4— $\frac{3}{4}$ x $\frac{1}{4}$ inch Flat Spring Steel Back with Square Edge, $\frac{3}{4}$ inch Blued Special Steel Blade, Beechwood Handle with Varnished Edges, Nickel Plated Screws.

Length, Inches	16	18	20	22	24
Weight Per Dozen, Lbs.	23	25	27	29	32
Per Dozen	\$13.50	14.50	15.00	16.00	17.00

One-third Dozen in a Box.

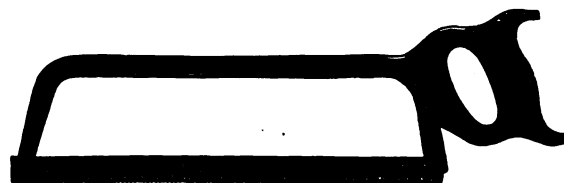
KITCHEN SAWS



No. 3—Oval Steel Back, Cast Steel Blade, Beechwood Handle.

Length, Inches	14
Weight Per Dozen, Lbs.	11
Per Dozen	\$5.00

One-half Dozen in a Box.



No. 2—Flat Steel Back, Cast Steel Blade, Beechwood Handle.

Length, Inches	14	16
Weight Per Dozen, Lbs.	12	13
Per Dozen	\$5.50	6.00

One-half Dozen in a Box.

KITCHEN SAWS

RELIANCE



Reliance— $\frac{3}{4}$ x $\frac{1}{4}$ inch Flat Steel Back, Beechwood Handle, Nickel Plated Screws, $18 \times \frac{3}{4}$ inch Bright Silver Steel Blade. \$8.00

Weight Per Dozen 21 Pounds.

One-half Dozen in a Box.

SAW KNIVES



No. 02—11 inch Cast Steel Blade, Combining Butcher Knife and Saw, 5 inch Polished Beechwood Handle

Weight Per Dozen 5 Pounds.

One Dozen in a Box.

CROSS CUT SAWS

HENRY DISSTON & SON'S

Disston's Cross Cut Saws are ground on lines that conform exactly to the breast of the saw, leaving the blade perfectly uniform in thickness, throughout the entire length of cutting edge, and being tapered to an extra thin back, gives the maximum amount of clearance without sacrificing the necessary elasticity and stiffness.

"ZIP"

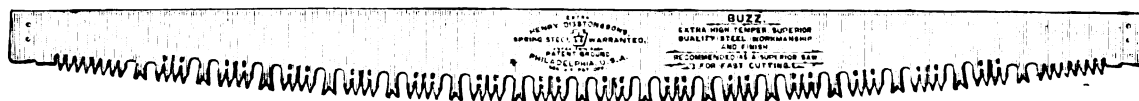


Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground.

14x19 Gauge, Five Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	4½	5½	6	7
Each, without Handles.....	\$5.60	6.50	7.60	8.70

"BUZZ"



Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground.

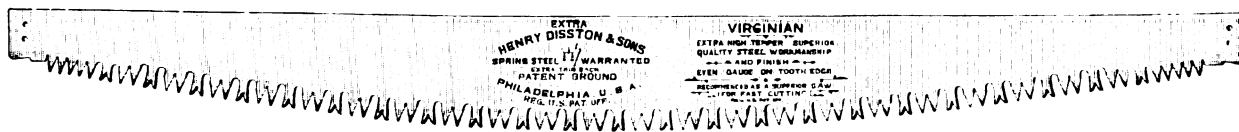
14x19 Gauge, Five Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	4½	5½	6	7
Each, without Handles.....	\$5.60	6.50	7.60	8.70

"Zip" and "Buzz" Cross Cut Saws are tempered by the exclusively Disston Process, which imparts the "Superior Edge and Set-Holding Qualities" for which the Disston brand of saws are renowned.

In design, material, temper and workmanship these saws represent everything that is most desirable in cross cut Saws.

VIRGINIAN

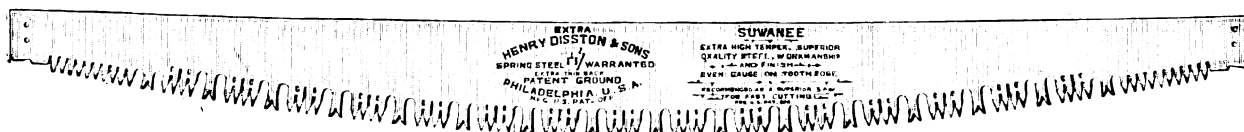


Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground.

14x20 Gauge, Six Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	4½	5½	6	7
Each, without Handles.....	\$5.60	6.50	7.60	8.70

SUWANEE



Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground.

14x20 Gauge, Six Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	4½	5½	6	7
Each, without Handles.....	\$5.60	6.50	7.60	8.70

The Virginian and Suwanee Cross Cut Saws are made of Disston's finest Crucible Steel. Tempered by the exclusively Disston Process which imparts the "Superior Edge and Set-Holding Qualities" for which the Disston Saws are renowned. Ground an even gauge throughout the entire tooth-edge and six gauges thinner on the back than on cutting edge, insures free running and fast cutting saws.

CROSS CUT SAWS

HENRY DISSTON & SONS'



No. 660—Perforated Lance Tooth, Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground.
14x18 Gauge, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	4½	5½	6½	7½
Each, without Handles.....	\$4.60	5.10	5.50	6.00



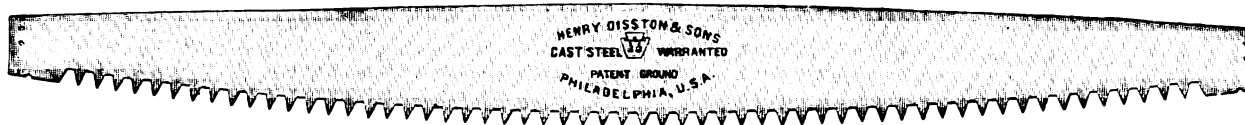
No. 1—Champion Tooth, Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground.
14x18 Gauge, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	5	6	7	8
Each, without Handles.....	\$3.70	4.30	4.50	4.80



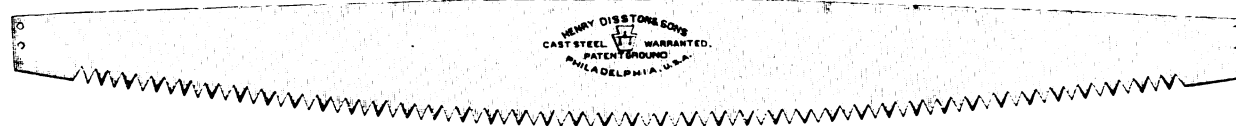
No. 2—Champion Tooth, Finest Crucible Spring Steel, Thin Back, Hardened and Tempered, Taper Ground.
14x16 Gauge, Two Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	5½	6½	7½	8½
Each, without Handles.....	\$3.50	3.80	4.20	4.50



No. 01—Common Tooth, Finest Crucible Spring Steel, Thin Back, Hardened and Tempered, Taper Ground.
14x16 Gauge, Two Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Weight Each, Lbs.....	5½	6½	7
Each, without Handles.....	\$3.60	3.80	4.20



No. 001—Tenon Tooth, Finest Crucible Spring Steel, Thin Back, Hardened and Tempered, Taper Ground.
14x16 Gauge, Two Gauges Thinner on Back than on Tooth Edge.

Length, Feet	4	4½	5
Weight Each, Lbs.....	4	4½	5½
Each, without Handles.....	\$2.80	3.10	3.50

Disston's Cross Cut Saws are taper ground. They are uniform in thickness on the cutting edges and of relative and uniform thickness throughout the blade of the saws, the taper being ground on lines conforming to the breast of the saw, to a thin or extra thin back, gives the saws the maximum amount of clearance at all parts of the blades without sacrificing their weight, stiffness or elasticity.

CROSS CUT SAWS

E. C. ATKINS & CO.'S



No. 222—Diamond Tooth, Special Steel, Thin Back, 14x18 Gauge, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	4½	5	6½	7½
Each, without Handles.....	\$3.00	3.30	3.60	3.90



Original Tuttle Tooth, Diamond Point, Special Steel, Extra Thin Back.

No. 331—14x18 Gauge, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	5	6	6½	7½
Each, without Handles.....	\$2.60	2.86	3.12	3.38

No. 332—14x19 Gauge, Five Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	5	6	6½	7½
Each, without Handles.....	\$3.10	3.36	3.62	3.88



No. 225—Victor, Perforated Tooth, Special Steel, Thin Back, 14x18 Gauge, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.....	4½	5½	6½	7½
Each, without Handles.....	\$3.20	3.52	3.84	4.16



No. 278—Moss Back, Lance Tooth, Perforated, High Grade Special Steel, Carefully Tempered, Thin Back, 14x18 Gauge, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs.....	4½	5½	6½	7½	8
Each, without Handles.....	\$3.50	3.85	4.20	4.55	4.90



No. 273—Moss Back, Tuttle Tooth, Perforated, High Grade Special Steel, Carefully Tempered, Thin Back, 14x18 Gauge, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs.....	4½	5½	6½	7½	8
Each, without Handles.....	\$3.50	3.85	4.20	4.55	4.90

CROSS CUT SAWS

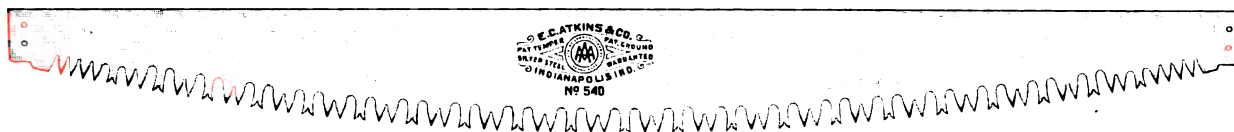
E. C. ATKINS & CO.'S



No. 2—Rex, Wide, Silver Steel, Tempered Hard and Tough, Segment Ground, 14 Gauge on Tooth Edge, 17 Gauge Full on Back at Ends, 20 Gauge on Center of Back.

These Saws are Wide and are Used for Heavy Soft Woods, Such as Cottonwood, Yellow Poplar, White Pine, Etc.

Length, Feet	5	5 1/2	6	6 1/2
Weight Each, Lbs.	4 1/2	5 1/2	6	7 1/2
Each, without Handles	\$4.10	4.80	5.60	6.40



No. 540—Rex, Silver Steel, Tempered Hard and Tough, Segment Ground, 14 Gauge on Tooth Edge, 17 Gauge Full at Ends, 20 Gauge on Center of Back.

Has Two Cutting Teeth and a Raker, and is the "Finest on Earth" for Cutting Oak and Other Hardwoods.

Length, Feet	5	5 1/2	6	6 1/2
Weight Each, Lbs.	4 1/2	5 1/2	6	7 1/2
Each, without Handles	\$4.10	4.80	5.60	6.40



No. 4—Perfection, Perforated Tooth, Silver Steel, Tempered Hard and Tough, Segment Ground, 14 Gauge on Tooth Edge, 20 Gauge on Back at Center, 17 Gauge on Back at Ends.

Designed for Cutting Cottonwood, Yellow Poplar, White Pine and Similar Timbers.

Length, Feet	5	5 1/2	6	6 1/2
Weight Each, Lbs.	4 1/2	6	6 1/2	7 1/2
Each, without Handles	\$4.10	4.80	5.60	6.40



No. 6—Hemlock King, Silver Steel, Tempered Hard and Tough, Segment Ground, 14 Gauge on Tooth Edge, 17 Gauge on Back at End, 20 Gauge at Center of Back.

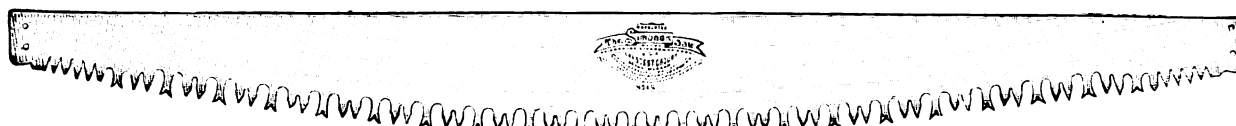
Used Extensively Throughout the Northwest in Cutting Hemlock and Other Similar Woods.

Length, Feet	5	5 1/2	6	6 1/2
Weight Each, Lbs.	4 1/2	5	5 1/2	6
Each, without Handles	\$4.10	4.80	5.60	6.40

Segment Grinding consists of finishing the blade of an absolutely even gauge along the toothed edge and from the point, on a true taper to the center of the back.

Atkins Segment Ground Cross Cut Saws, being thicker at the ends, are stiff and do not buckle and being thinnest at the center of the back, they have ample clearance, enabling them to be operated fast and most easily with very little set.

SIMONDS MFG. CO.'S



No. 18—Champion Tooth, Best Crucible Steel, Crescent Ground, Five Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5 1/2	6	6 1/2
Weight Each, Lbs.	4 1/2	5 1/2	6	7 1/2
Each, without Handles	\$5.85	7.00	8.10	9.30

NARROW CROSS CUT SAWS

HENRY DISSTON & SONS'

No. 11—Triumph Champion Tooth, Hollow Back, Finest Crucible Steel, $3\frac{1}{4}$ inches Wide at Ends and Center.

Length, Feet	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Weight Each, Lbs.	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$
Each, without Handles.	\$1.90	2.10	2.80	2.50

No. 14—Triumph Toledo, Lance Tooth, Perforated, Hollow Back, Finest Crucible Steel, $3\frac{1}{4}$ inches Wide at Ends and Center.

Length, Feet	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Weight Each, Lbs.	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$
Each, without Handles.	\$3.00	3.30	3.60	3.90

E. C. ATKINS & CO.'S

No. 379—Tuttle Tooth, Hollow Back, High Grade Special Steel, Carefully Tempered, $3\frac{1}{4}$ inches Wide at Ends and Center.

Length, Feet	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Weight Each, Lbs.	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$
Each, without Handles.	\$1.80	2.00	2.25	2.50

ONE MAN CROSS CUT SAWS

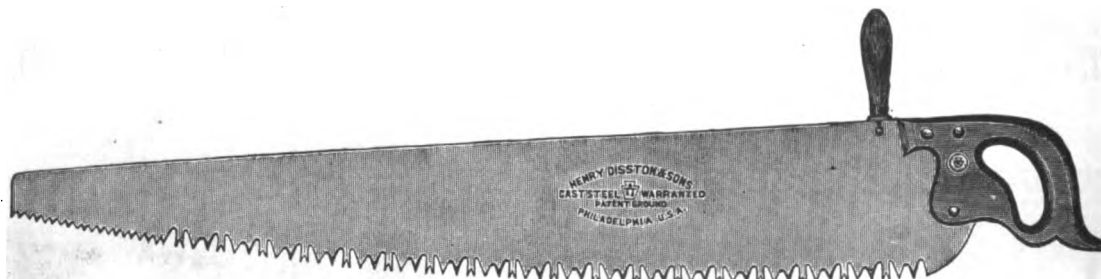
KEYSTONE



No. 4—Plain Tooth, Cast Steel, Patent Ground, Beechwood Handle, Brass Screws, Beechwood Supplementary Handle.

Length, Feet	$3\frac{1}{2}$	4	$4\frac{1}{2}$
Weight Each, Lbs.	3	4	$4\frac{1}{2}$
Each, with Handles.	\$2.45	2.80	3.15

HENRY DISSTON & SONS'

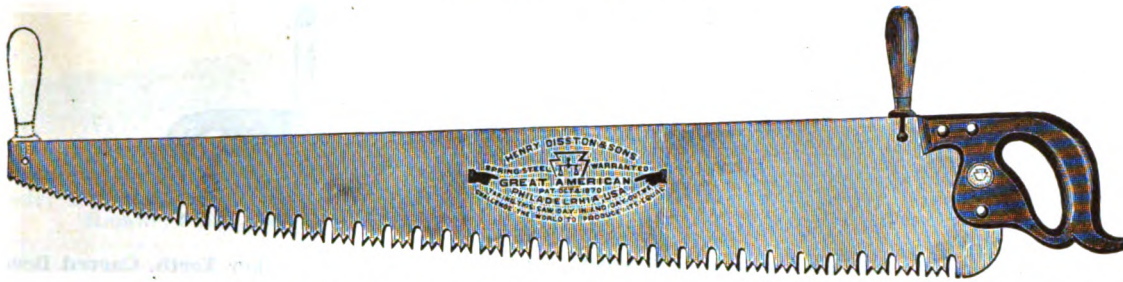


No. 2—Champion Tooth, Finest Crucible Spring Steel, Patent Ground, Thin Back, Beechwood Handle with Varnished Edges, Brass Screws, Beechwood Supplementary Handle.

Length, Feet	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5
Weight Each, Lbs.	2	3	4	$4\frac{1}{2}$	5
Each, with Handles.	\$2.60	3.00	3.50	3.90	4.30

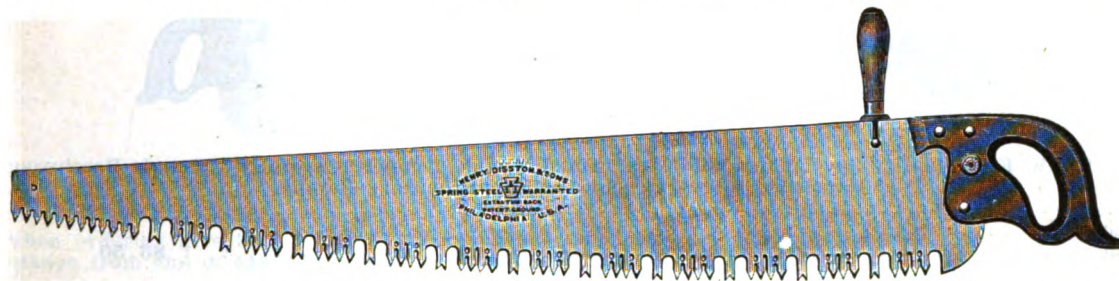
ONE MAN CROSS CUT SAWS

HENRY DISSTON & SONS'



No. 18—Great American Tooth, Finest Crucible Spring Steel, Patent Ground, Thin Back, Beechwood Handle with Varnished Edges, Brass Screws, Beechwood Supplementary Handle.

Length, Feet	3 1/2	4	4 1/2	5
Weight Each, Lbs.....	3	4	4 1/2	5
Each, with Handles.....	\$3.80	3.70	4.15	4.60



No. 19—Lance Tooth, Perforated, Finest Crucible Spring Steel, Patent Ground, Thin Back, Beechwood Handle with Varnished Edges, Brass Screws, Beechwood Supplementary Handle.

Length, Feet	3 1/2	4	4 1/2	5
Weight Each, Lbs.....	3	4	4 1/2	5
Each, with Handles.....	\$3.40	3.90	4.30	4.80



No. D210—Skew Back, Finest Crucible Spring Steel, Ground Thin Towards the Back, Narrower in Width than Regular Saws, Selected Seasoned Beechwood Handle with Extra Large Grip, Brass Screws, Beechwood Supplementary Handle. Long and Slim Teeth with Extra Wide Gullets, Special Shaped Rakers with "Undercut" which Will Clear to Much Better Advantage than Ordinary Rakers.

Length, Feet	3 1/2	4	4 1/2	5
Weight Each, Lbs.....	3	4	4 1/2	5
Each, with Handles.....	\$3.50	4.00	4.50	5.00

This Saw in 4 foot length measures exactly 4 feet from point of first tooth to point of last tooth, making a convenient rule for marking off cuts in 4 foot lengths; a feature that is appreciated by cedar cutters.

E. C. ATKINS & CO.'S



No. 390—Tuttle Tooth, Fine Quality Special Crucible Steel, Hard Tough Temper, Carefully Ground, Beechwood Handle with Varnished Edges, Beechwood Supplementary Handle.

Length, Feet	3	3 1/2	4	4 1/2	5
Weight Each, Lbs.....	2 1/2	3	3 1/2	4 1/2	5
Each, with Handles.....	\$2.50	3.00	3.50	4.00	4.50

ONE MAN CROSS CUT SAWS

E. C. ATKINS & CO.'S



No. 389—"Cedar King," Skew Back, High Grade Special Steel, Taper Ground, Swaged Raker Teeth, Carved Beechwood Handle with Varnished Edges, Beechwood Supplementary Handle.

Length, Feet	3	3 ½	4	4 ½	5
Weight Each, Lbs.	2	2 ½	4	4 ½	5
Each, with Handles.....	\$3.00	3.50	4.00	4.50	5.00



No. 392—Victor Tooth, Fine Quality Special Crucible Steel, Hard Tough Temper, Carefully Ground, Beechwood Handle with Varnished Edges, Beechwood Supplementary Handle.

Length, Feet	4	4 ½
Weight Each, Lbs.	4	4 ½
Each, with Handles.....	\$3.50	4.00

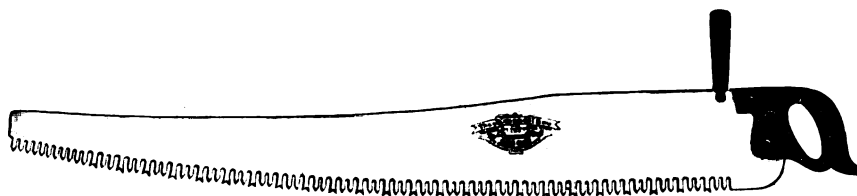


No. 741—"Tamarack," Skew Back, Lance Tooth, Perforated, Extra Heavy Gauge, Silver Steel, Tough Temper, Taper Ground, Beechwood Handle with Extra Large Hand Hold, Brass Screws, Beechwood Supplementary Handle.

An Extra Fine, Strictly High Grade One-Man Saw. Takes Sharp, Keen Cutting Edge and Holds it. Width at Butt 7 ¾ inches, Width at Point 3 ¾ inches, 14 Gauge Along Entire Tooth Edge, 19 Gauge at Butt and 16 Gauge at Point on Back.

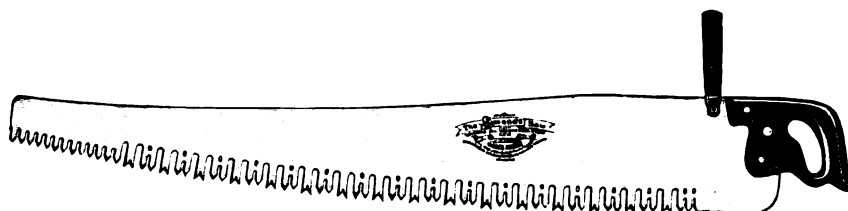
Length, Feet	4	4 ½
Weight Each, Lbs.	5 ½	6 ½
Each, with Handles.....	\$5.50	6.25

SIMONDS MFG. CO.'S



No. 112—Two Slim Cutting Teeth and Raker, Sway Back, Best Crucible Steel, Straight Ground, Beechwood Handle with Varnished Edges, Brass Screws, Beechwood Supplementary Handle.

Length, Feet	3 ½	4	4 ½	5
Weight Each, Lbs.	3	4	4 ½	5
Each, with Handles.....	\$3.00	3.50	3.80	4.30

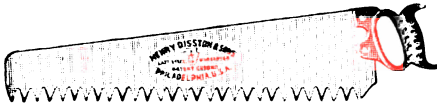


No. 224—Two Connecting Cutting Teeth and Raker, Sway Back, Best Crucible Steel, Straight Ground, Beechwood Handle with Varnished Edges, Pressed Steel Supplementary Handle.

Length, Feet	3 ½	4	4 ½	5
Weight Each, Lbs.	3	4	4 ½	5
Each, with Handles.....	\$3.15	3.60	4.10	4.50

HAND ICE SAWS

DISSTON'S

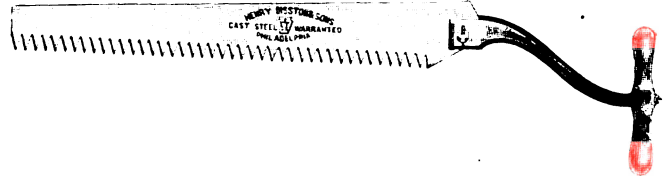


Cast Steel Blade, Patent Ground, Japanned Malleable Iron
Handle, Plain Tooth.

No.	73
Length, Inches	28
Weight Per Dozen, Lbs.	48
Per Dozen	\$28.00

POND ICE SAWS

DISSTON'S



No. 75—Cast Steel Blade, Patent Ground, 11 Gauge Thick,
Tapered, 7 inch Butt, 5 inch Point, Set and Sharpened.

Length, Feet	4	4½	5
Weight Each, Lbs.	11	12	13
Each, with Tiller Handle..	\$5.20	5.80	6.20
Extra Tiller Handles	Each, \$1.20		

MILL SAWS

HENRY DISSTON & SONS'



Cast Steel, Extra Tempered, Patent Ground.

Gauge, No.	5	6	7	8	9	10
Width, Inches	8	8	8	8	8	8
Per Foot	\$3.00	2.70	2.40	2.20	2.00	1.80

Note—When ordering give length, width and thickness or gauge of saw, also space from point to point of teeth, number of teeth and distance from end of saw to point of first tooth. If saws are to be drilled, send templet showing size and position of holes.

Ends will be made per above illustration unless otherwise ordered.

PIT SAWS

HENRY DISSTON & SONS'



Cast Steel, Extra Tempered, Patent Ground.

Designed for Use by Two Men, where it is Necessary for One to Work Down in a Pit. Made for Two Handles, Shown at Bottom of Page. The Box Handle is Used on the Pit End; the Tiller on the Other. Used for Ripping Only.

Length, Feet	5	5½	6	6½	7	7½	8
Width at Butt, Inches	10	10¼	10½	10¾	11	11¼	11½
Width at Point, Inches	3¼	3¼	3½	3½	3½	3½	3½
Weight Each, Lbs.	7	8	11	13	15	18	22
Each, without Handles	\$5.00	5.50	6.00	6.50	7.00	7.50	8.00

TAPERED BUTTING OR DRAG SAWS

HENRY DISSTON & SONS'



NOTE—When Ordering
Always State Kind
of Tooth Wanted.

Cast Steel, Extra Tempered, Patent Ground.

No. 10—With Plain Tooth.				No. 15—With Champion Tooth.			
Length, Feet	5	5	5½	5½	Length, Feet	5	5½
Gauge, No.	10	10	10	10	Gauge, No.	10	10
Width at Butt, Inches	7	8	7	8	Width at Butt, Inches	7	8
Width at Point, Inches	5	6	5	6	Width at Point, Inches	5	6
Per Foot	\$1.40	1.50	1.40	1.50	Per Foot	\$1.40	1.50

BOX HANDLES

For Pit Saws.

Used on Pit End and Fastened
to Saw with Wedge.

No. 25—18 inch Hickory
Handle, 10 inch Wedge,
Weight Each 2½ Lbs. \$1.10



TILLER HANDLES

For Pit, Whip and Ice Saws.

No. 50—18½ inches Long, Ja-
panned Malleable Iron Tiller,
16 inch Hardwood Handle,
Weight Each 3½ Lbs. \$1.20

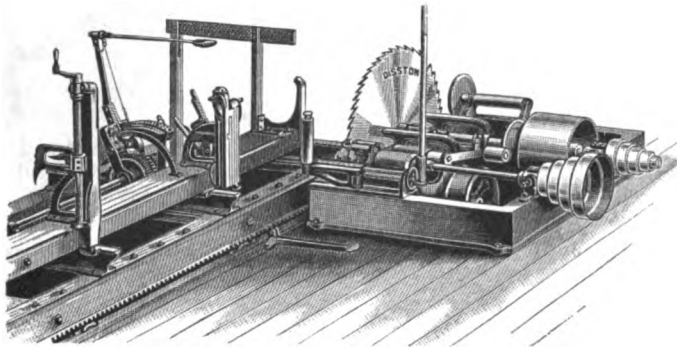


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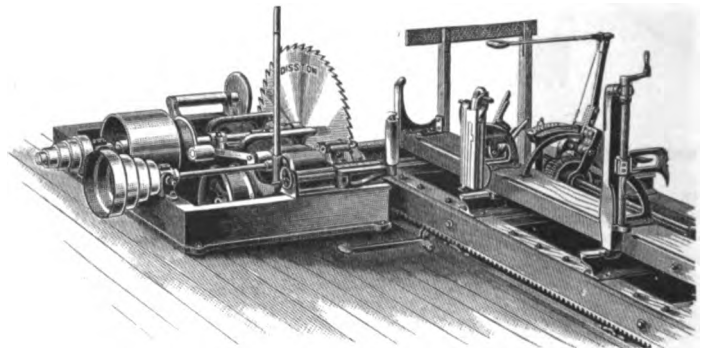
SOLID TOOTH CIRCULAR SAWS

HENRY DISSTON & SONS

Extra Quality Cast Steel, Patent Ground and Tempered.

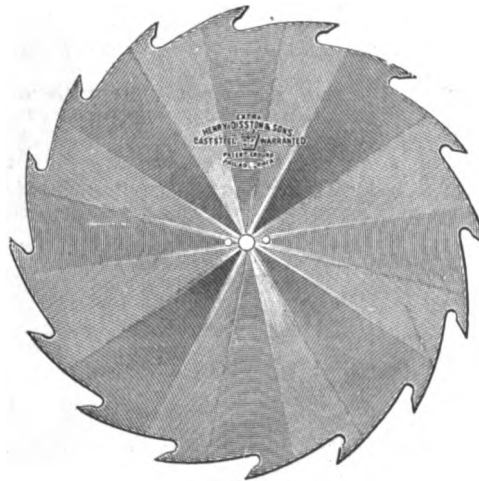


Left Hand Saw.



Right Hand Saw.

Warranty—Each saw is warranted as true as it is possible to make it, free from flaws and seams. If found to be defective in any of these particulars, it may be returned within thirty days from delivery; and, if we are satisfied the saw is at fault, all necessary repairs will be made free of charge, or a new one given in exchange. We do not warrant saws cracked in gumming where the punches and dies are not kept in proper order. The filing of square corners in the gullets will also cause the plate to crack. Our warranty does not cover such cases.



Instructions—When ordering be careful to give us the following particulars: Whether rip or cross cut, right hand or left hand (see above illustrations), diameter in inches, number of teeth, thickness or gauge at rim, thickness or gauge at center, size of mandrel hole, size of pin holes, distance from center to center of pin holes, number of revolutions per minute, kind of lumber to be sawed.

Note—All Stock Saws, 40 inches in Diameter and Larger, have 2 inch Mandrel Hole and $\frac{5}{8}$ inch Lug-Pin Holes, 3 inches from Center to Center. If Wanted Different, Send Full Pattern of Holes.

Diameter, Inches	Thickness, Gauge	Mandrel Hole, Inches	Revolutions Per Minute	Each	Extra for Each Gauge Heavier	Extra for Beveling Per Gauge	Weight, Lbs. Each	Diameter, Inches	Thickness, Gauge	Mandrel Hole, Inches	Revolutions Per Minute	Each	Extra for Each Gauge Heavier	Extra for Beveling Per Gauge	Weight, Lbs. Each
4	19	$\frac{3}{4}$	....	\$1.20	\$0.03	\$0.14	$\frac{1}{4}$	32	10	1 $\frac{5}{8}$	1120	\$24.00	\$1.30	\$1.40	30
5	19	$\frac{3}{4}$	....	1.50	.04	.16	$\frac{1}{4}$	34	9	1 $\frac{5}{8}$	950	27.00	1.50	1.55	36
6	18	$\frac{3}{4}$	....	1.80	.05	.18	$\frac{3}{8}$	36	9	1 $\frac{5}{8}$	1000	31.00	1.80	1.70	40
7	18	$\frac{3}{4}$	....	2.10	.06	.20	$\frac{3}{8}$	38	9	1 $\frac{5}{8}$	950	35.00	2.00	1.85	43
8	18	$\frac{7}{8}$	4500	2.40	.08	.22	$\frac{1}{2}$	40	9	2	900	41.00	2.30	2.00	47
9	17	$\frac{7}{8}$	....	2.80	.10	.25	$\frac{3}{4}$	42	8	2	870	47.00	2.60	2.20	60
10	16	1	3600	3.30	.12	.28	1 $\frac{1}{4}$	44	8	2	840	55.00	3.00	2.40	66
12	15	1	3000	4.40	.20	.35	2	46	8	2	800	65.00	3.50	2.60	72
14	14	1 $\frac{1}{8}$	2585	5.30	.25	.40	3	48	8	2	750	75.00	4.00	2.80	78
16	14	1 $\frac{1}{8}$	2222	6.50	.30	.50	4 $\frac{1}{2}$	50	7	2	725	85.00	4.50	3.00	84
18	13	1 $\frac{1}{4}$	2000	8.00	.40	.60	5 $\frac{1}{4}$	52	7	2	700	95.00	5.00	3.25	96
20	13	1 $\frac{3}{8}$	1800	9.50	.50	.70	8	54	7	2	675	105.00	6.00	3.50	112
22	12	1 $\frac{3}{8}$	1636	11.50	.60	.80	10	56	7	2	650	120.00	7.00	3.75	125
24	11	1 $\frac{3}{8}$	1500	13.50	.70	.90	13	58	7	2	625	135.00	8.00	4.05	135
26	11	1 $\frac{3}{8}$	1384	16.00	.85	1.05	16	60	6	2	600	150.00	9.00	4.35	150
28	10	1 $\frac{3}{8}$	1285	18.50	1.00	1.20	22	62	6	2	575	170.00	10.00	4.65	162
28	10	1 $\frac{1}{2}$	1285	18.50	1.00	1.20	22	64	6	2	550	190.00	12.00	5.00	175
30	10	1 $\frac{1}{2}$	1200	21.00	1.15	1.30	26	66	6	2	545	210.00	15.00	5.35	195

For saw one gauge thicker than list, no extra charge when shipped from factory.

Circular saws up to 42 inches beveled one gauge without extra charge; 44 inches and larger, beveled two gauges without extra charge when shipped from factory.

Circular saws 48 inches and larger if made thinner than 10 gauge are not warranted, and add 10 per cent for each gauge thinner than No. 10.

The speed of circular saws is one of the most essential things to be observed. If speed is too high it cannot do good work, as it generates heat, becoming tough and limber. Too slow speed has its objections, but is not attended with such ruinous effects.

SOLID TOOTH CIRCULAR SAWS

E. C. ATKINS & CO.'S

Silver Steel, Patent Ground and Tempered.



Left Hand.



Right Hand.

INSTRUCTIONS FOR ORDERING CIRCULAR SAWS

- 1st. Give diameter of saw in inches.
- 2nd. State if right of left hand.
- 3rd. Give gauge (thickness) of saw at center and also at rim.
- 4th. Give number of teeth in saw.
- 5th. Give style or pattern of tooth.
- 6th. Give diameter of mandrel hole, diameter of pin hole, and distance center to center of pin holes.
- 7th. Give number of revolutions of saw per minute while in cut.
- 8th. Give greatest feed in inches per revolution—kind of feed.
- 9th. Give kind of timber to be sawed.
- 10th. If spring or swage set.
- 11th. If for rip or cross cut work.
- 12th. Horse power available.

Note—Saws 40 inches and larger in diameter, have standard mandrel and pin holes, namely—2 inch mandrel holes and $\frac{1}{2}$ inch pin holes, 3 inches from center to center. If wanted different, please send full pattern of holes.

Diameter, Inches	Thickness Gauge	Size of Hole, Inches	Each	Extra for Each Addi- tional Gauge (Heavier)	Extra for Beveling New Saws, Per Gauge.	Net Prices Extra for Setting and Sharpening if		Approx. Weight Each, Lbs.
						Rip	Cross-Cut	
4	19	$\frac{3}{4}$	\$ 1.20	\$ 0.03	\$0.14	\$0.06	\$0.07	$\frac{1}{4}$ Net
5	19	$\frac{3}{4}$	1.50	.04	.16	.06	.08	$\frac{1}{2}$ Net
6	18	$\frac{3}{4}$	1.80	.05	.18	.07	.10	$\frac{3}{4}$ Net
7	18	$\frac{3}{4}$	2.10	.06	.20	.08	.11	$\frac{7}{8}$ Net
8	18	$\frac{7}{8}$	2.40	.08	.22	.10	.13	1 Net
9	17	$\frac{7}{8}$	2.80	.10	.25	.11	.14	1 $\frac{1}{4}$ Net
10	16	1	3.30	.12	.28	.12	.16	1 $\frac{1}{2}$ Net
11	16	1	3.90	.16	.30	.13	.18	2 Net
12	15	1	4.40	.20	.35	.15	.20	2 $\frac{1}{2}$ Net
14	14	1 $\frac{1}{8}$	5.30	.25	.40	.18	.23	3 $\frac{1}{2}$ Net
16	14	1 $\frac{1}{8}$	6.50	.30	.50	.20	.25	4 $\frac{1}{2}$ Net
18	13	1 $\frac{1}{4}$	8.00	.40	.60	.23	.28	6 Net
20	13	1 $\frac{1}{4}$	9.50	.50	.70	.25	.32	7 Net
22	12	1 $\frac{1}{2}$	11.50	.60	.80	.28	.35	10 Net
24	11	1 $\frac{3}{8}$	13.50	.70	.90	.31	.40	13 Net
26	11	1 $\frac{3}{8}$	16.00	.85	1.05	.35	.45	16 Net
28	10	1 $\frac{1}{2}$	18.50	1.00	1.20	.38	.50	21 Net
30	10	1 $\frac{1}{2}$	21.00	1.15	1.30	.42	.55	24 $\frac{1}{2}$ Net
32	10	1 $\frac{5}{8}$	24.00	1.30	1.40	.45	.60	27 Net
34	9	1 $\frac{5}{8}$	27.00	1.50	1.55	.50	.65	33 Net
36	9	1 $\frac{5}{8}$	31.00	1.80	1.70	.55	.70	40 Net
38	9	1 $\frac{5}{8}$	35.00	2.00	1.85	.60	.75	49 Net
40	9	2	41.00	2.30	2.00	.65	.80	100 Gross
42	8	2	47.00	2.60	2.20		.85	105 Gross
44	8	2	55.00	3.00	2.40		.90	115 Gross
46	8	2	65.00	3.50	2.60		1.00	125 Gross
48	8	2	75.00	4.00	2.80		1.10	136 Gross
50	7	2	85.00	4.50	3.00		1.20	148 Gross
52	7	2	95.00	5.00	3.25		1.30	160 Gross
54	7	2	105.00	6.00	3.50		1.40	170 Gross
56	7	2	120.00	7.00	3.75		1.50	180 Gross
58	7	2	135.00	8.00	4.05		1.60	195 Gross
60	6	2	150.00	9.00	4.35		1.70	210 Gross
62	6	2	170.00	10.00	4.65		1.80	225 Gross
64	6	2	190.00	12.00	5.00		1.90	240 Gross
66	6	2	210.00	15.00	5.35		2.00	265 Gross

No Charge

All saws of odd diameter, not listed, take price of next larger size listed.

No extra charge for saws one gauge thicker than list.

No extra charge for saws one to three gauges thinner than list; when more than three gauges thinner, add 5 per cent to list for each gauge.

Circular Saws 48 inches and larger, thinner than 10 gauge are not warranted.

Circular Saws 42 inches or less in diameter beveled one gauge without extra charge; 44 inch or larger beveled two gauges without extra charge.

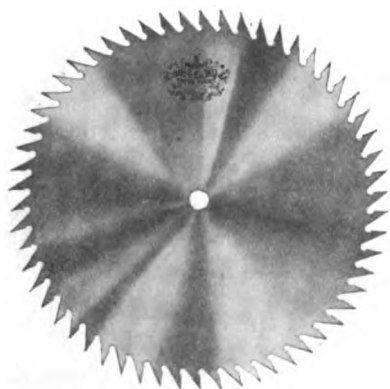
Circular Saws hollow ground or concaved, add for each gauge hollow ground or concaved double list for beveling.

CORD WOOD SAWS

RELIANCE

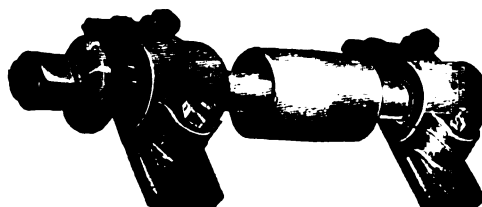
Gullet Tooth, Patent Ground and Tempered, Set and Sharpened Ready for Use.
Not Intended for Mill Work.

These Saws have a hard, tough temper, free from flaws, cracks or splits and the teeth will hold their edge without the corners crumbling.



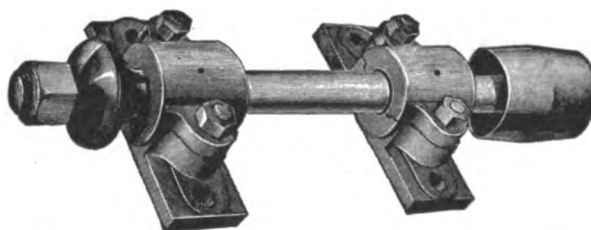
Diameter, Inches	24	26	28	30	32
Gauge	11	11	10	10	10
Diameter of Hole, Inches.....	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8
No. of Teeth.....	60	64	70	76	80
Speed Per Minute.....	1500	1384	1285	1200	1120
Weight Not Crated, Lbs.....	14	16	20	25	30
Weight Crated, Lbs.....	18	20	25	31	36
Each	\$8.00	9.50	11.00	12.50	14.00

CIRCULAR SAW MANDRELS



Pulley in Center, Self-Oiling Boxes.

No.	Diameter of Shaft, Inches	Hole in Saw, Inches	Length Over All, Inches	Distance from Center to Center of Boxes, In.	Diameter of Pulley, Inches	Face of Pulley, Inches	Diameter of Collar, Inches	Net Wt. Each, Lbs.	Each
00	1 1/8	3/4	14 1/8	7 1/2	2	3	2	12	\$ 5.75
0	1 1/8	3/4	14 1/8	7 1/2	2	3	2	13	6.00
1	1 1/8	1	15 1/8	8 1/4	2 1/2	3 1/2	2 1/2	16	6.25
2	1 1/8	1 1/8	17 1/4	9 3/4	3	4	3	20	7.00
3	1 1/8	1 1/4	19 1/2	11 1/2	3 1/2	4 1/2	3 1/2	29	8.00
4	1 1/8	1 1/2	21 3/4	12 3/4	4	5	4	37	9.00
5	1 1/8	1 3/8	24 1/4	14 3/4	4 1/2	5 1/2	4 1/2	42	10.25
6	1 1/8	1 3/4	26 1/4	16 3/4	5	6	5	45	11.25
7	1 1/8	1 7/8	28 1/2	18 3/4	5 1/2	6 1/2	5 1/2	51	12.00
8	1 1/8	1 3/2	30 1/2	20 1/2	6	7	6	66	14.50
9	1 1/2	1 5/8	33	22	7	8	6	84	20.00
10	1 1/2	1 5/8	35	23 1/2	8	8	6	92	21.50



Pulley on End, Self-Oiling Boxes.

No.	Diameter of Shaft, Inches	Hole in Saw, Inches	Length Over All, Inches	Distance from Center to Center of Boxes, In.	Diameter of Pulley, Inches	Face of Pulley, Inches	Diameter of Collar, Inches	Net Wt. Each, Lbs.	Each
000	1 1/8	3/4	17	7 1/2	2	3	2	12	\$ 5.75
100	1 1/8	3/4	17	7 1/2	2	3	2	14	6.00
101	1 1/8	1	19	8 1/4	2 1/2	3 1/2	2 1/2	16	6.50
102	1 1/8	1 1/8	21 1/2	9 3/4	3	4	3	21	7.25
103	1 1/8	1 1/4	23 3/4	11 1/2	3 1/2	4 1/2	3 1/2	29	8.25
104	1 1/8	1 1/2	26 3/4	12 3/4	4	5	4	38	9.25
105	1 1/8	1 3/8	29 3/4	14 3/4	4 1/2	5 1/2	4 1/2	43	10.50
106	1 1/8	1 3/4	32 1/4	16 3/4	5	6	5	48	11.50
107	1 1/8	1 7/8	35	18 3/4	5 1/2	6 1/2	5 1/2	53	12.25
108	1 1/2	1 3/2	37 1/2	20 1/2	6	7	6	70	14.75
109	1 1/2	1 5/8	41	22	7	8	6	89	20.25
110	1 1/2	1 5/8	42 3/4	23 1/2	8	8	6	102	21.75

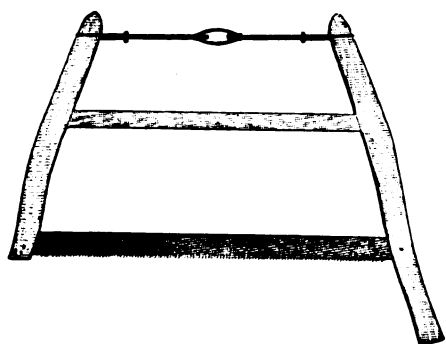
Special Sizes Made to Order.

When ordering Saw Mandrels, send sketch and give distance from saw to end of mandrel, if the pulley is between the bearings. If the pulley is on the end of mandrel, give distance from saw to inside edge of pulley. Also state whether the pulley is on the right or left-hand side of mandrel when the saw is running toward you.

Note—Our Mandrels are made with pulley on right-hand side with left-hand thread unless otherwise ordered.

WOOD SAWS

E. C. ATKINS & CO.'S

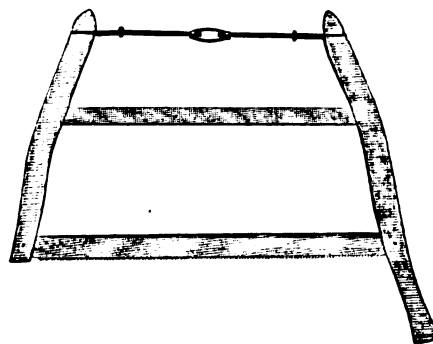


Thoroughly Seasoned Hardwood Frame, Single Brace, Un-
painted, Bright Drawn Steel Clipper Rod.

No. 238—With 30x1½ inch No. 38 Straight Bright
Special Steel Blade, Flat Ground, Plain Tooth.....\$8.50

Average Weight Per Dozen 56 Pounds.

One-half Dozen in a Box, Knocked Down.

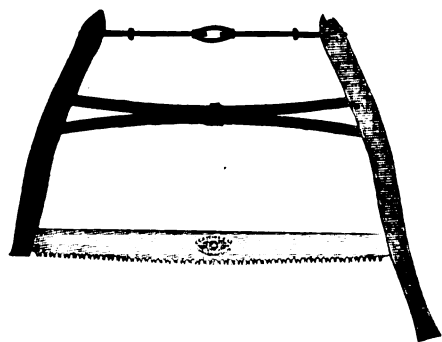


Thoroughly Seasoned Hardwood Frame, Single Brace, Painted
Bright Red, Tinned Drawn Steel Clipper Rod.

No. 338—With 30x1½ inch No. 38 Straight Bright Spe-
cial Steel Blade, Flat Ground, Plain Tooth.....\$9.50

Average Weight Per Dozen 56 Pounds.

One-half Dozen in a Box, Knocked Down.

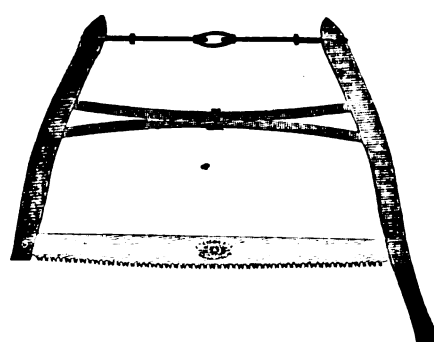


Thoroughly Seasoned Hardwood Frame, Double Brace, Single
Rivet, Painted Bright Red, Tinned Drawn Steel
Clipper Rod.

No. 616—30x2¾ inch No. 16 Breasted Bright Silver
Steel Blade, Special Thin Back, Needle Point
Tooth, Hand Filed.....\$15.00

Average Weight Per Dozen 56 Pounds.

One-half Dozen in a Box, Knocked Down.



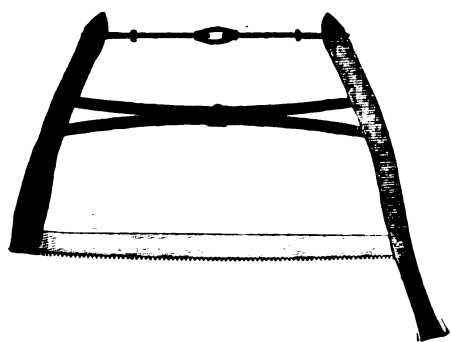
Thoroughly Seasoned Hardwood Frame, Double Brace, Single
Rivet, Painted Bright Red, Tinned Drawn Steel
Clipper Rod.

No. 643—With 30x2¾ inch No. 43 Breasted Bright
Special Steel Blade, Flat Ground, Tuttle Tooth...\$11.00

Average Weight Per Dozen 56 Pounds.

One-half Dozen in a Box, Knocked Down.

WISCONSIN FARMER

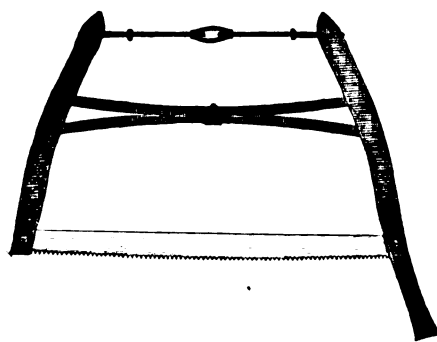


Thoroughly Seasoned Hardwood Frame, Double Brace, Riveted,
Painted Bright Red, Extra Heavy Samson Tinned Rod.

No. 26—With 30x2½ inch No. 26 Breasted Bright
Spring Steel Blade, Extra Thin Back, Ground and
Tempered, Plain Tooth, Set and Sharpened.....\$13.00

Average Weight Per Dozen 56 Pounds.

One-half Dozen in a Box, Knocked Down.



Thoroughly Seasoned Hardwood Frame, Double Brace, Riveted,
Painted Bright Red, Tinned Drawn Steel Clipper Rod.

No. 28—With 30x1½ inch No. 28 Breasted Blued
Clock Spring Steel Blade, Thin Back, Ground and
Tempered, Plain Tooth, Set and Sharpened.....\$11.50

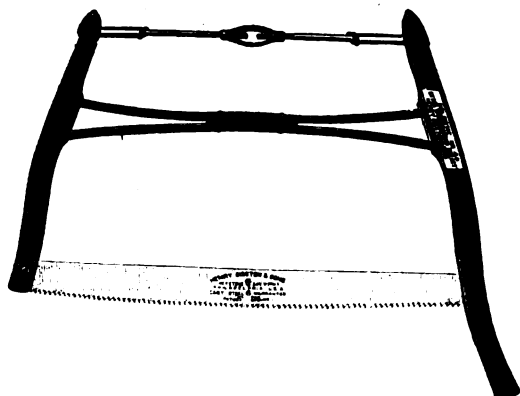
No. 30—Same as No. 28, but with Blade 2 inches Wide. 11.50

Average Weight Per Dozen 56 Pounds.

One-half Dozen in a Box, Knocked Down.

WOOD SAWS

ECLECTIC

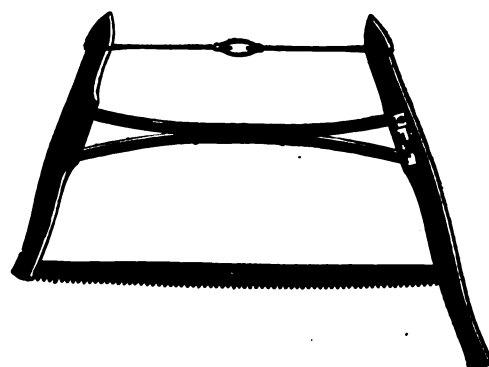


Thoroughly Seasoned Hardwood Frame, Double Brace, Double Riveted, Stained Red and Varnished, Plain Climax Rod.

Per Dozen

No. 40—With 30x2 3/4 inch No. 26 Breasted Bright Crucible Steel Blade, Patent Ground and Tempered, Plain Tooth, Set and Sharpened.....\$14.50
Average Weight Per Dozen 56 Pounds.
One-half Dozen in a Box, Knocked Down.

PERFECTION

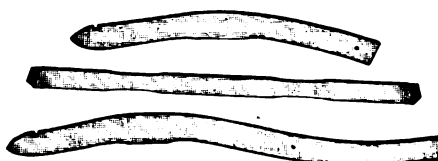


Thoroughly Seasoned Hardwood Frame, Double Brace, Double Riveted, Stained Brown and Varnished, Tinned Duplex Rod.

Per Dozen

No. 45—With 30x1 3/4 inch No. 45 Breasted Blued Clock Spring Steel Blade, Plain Tooth, Set and Sharpened\$15.00
Average Weight Per Dozen 56 Pounds.
One-half Dozen in a Box, Knocked Down.

WOOD SAW FRAMES



Single Brace, Not Painted.

Per Dozen

No. 0—Thoroughly Seasoned Hardwood, for 30 inch Blade and 22 inch Rod, without Rod.....\$2.50
Average Weight Per Dozen 28 Pounds.

EXTRA PARTS FOR NO. 0 FRAME

Per Dozen

No. 0S—Short End Piece, Ave. Wt. Dozen 9 Lbs.....\$0.80
No. 0L—Long End Piece, Ave. Wt. Dozen 12 Lbs..... 1.10
No. 0C—Center Piece, Ave. Wt. Dozen 7 Lbs..... .60



Double Brace, Painted Bright Red.

Per Dozen

No. 50—Thoroughly Seasoned Hardwood, for 30 inch Blade and 22 inch Rod, without Rod.....\$4.50
Average Weight Per Dozen 35 Pounds.

EXTRA PARTS FOR NO. 50 FRAME

Per Dozen

No. 50S—Short End Piece, Ave. Wt. Dozen 11 Lbs.....\$1.50
No. 50L—Long End Piece, Ave. Wt. Dozen 15 Lbs..... 1.70
No. 50C—Center Piece, Ave. Wt. Dozen 9 Lbs..... 1.50

SAW RODS

CLIPPER



Drawn Steel Wire, Riveted Loops, Square Cut Threads, Iron Turnbuckle.

Per Dozen

No. 22—22 inches Long, Bright Finish.....\$1.30
Average Weight Per Dozen 5 Pounds.
One Dozen in a Box.

SAW RODS

SAMSON



Per Dozen

No. 122—22 inches Long, Tinned Heavy Steel Wire Rods and Loops, Deep Cut Threads, Heavy Malleable Iron Turnbuckle, Weight Per Dozen 8 Lbs....\$2.00
One Dozen in a Box.

SAW BUCKS

HOOSIER FOLDING

Hardwood, Beveled Edges, Revolving Saw Round, Malleable Iron Locks.

Per Dozen

No. 532—2 3/4 x 1 3/4 inch uprights, 9 1/2 x 1 3/4 inch Revolving Saw Round, 3/8 inch Rungs, Average Weight Per Dozen 80 Lbs.....\$4.00
One-half Dozen in Crate.



DUPLEX



Extra Quality Steel Wire, Special Cut Threads, Shouldered to Give Extra Strength where Thread is Cut, Iron Turnbuckle.

Per Dozen

No. 022—22 inches Long, Bright Finish.....\$1.70
No. 024—24 inches Long, Tinned..... 2.20
Average Weight Per Dozen 6 Pounds.

One Dozen in a Box.

BOYS' SAWS AND BUCKS

PERFECT

Per Dozen Sets

No. 500 — 22 inch Cast Steel Blade, Red Painted Braced Frame, Red Painted Buck\$18.00

Average Weight Dozen

Sets 75 Pounds.

One Set in a Box.



SAW BLADES

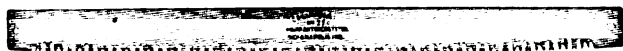
WOOD OR BUCK

COMMON



No. 0—30x2 inches, Cast Steel, Polished, Set and Sharpened, 4½ to 5½ Points.....\$5.50

ATKIN'S



No. 23—30x2½ inches, Best Tool Steel, Bright, Round Breast, Thin Back, Tuttle Tooth.....\$7.00



No. 16—30x2¾ inches, Silver Steel, Bright, Round Breast, Special Thin Back, Hand Filed, Needle Point Tooth, 4½ to 6 Points.....\$10.00

WISCONSIN FARMER



No. 26—30x2½ inches, Extra Spring Steel, Round Breast, Extra Thin Back, Ground and Tempered, Set and Sharpened, 4½ to 6 Points.....\$7.00
 No. 28—30x1½ inches, Blued Clock Spring Steel, Round Breast, Thin Back, Ground and Tempered, Set and Sharpened, 4½ to 6 Points.....7.00
 No. 30—Same as No. 28, but 2 inches Wide.....7.00

DISSTON'S



No. 6—30x2¾ inches, Crucible Steel, Bright, Tempered, Set and Sharpened, 4½ to 6 Points.....\$9.00
 No. 9—30x2¾ inches, Spring Steel, Bright, Tempered, Set and Sharpened, 4½ to 6 Points.....10.00
 No. 11—30x2¾ inches, Extra Spring Steel, Bright, Tempered, Set and Sharpened, 4½ to 6 Points... 12.00

DISSTON'S



No. 45—30x1¾ inches, Crucible Steel, Blued, Round Breast, Tempered, Set and Sharpened, 4½ to 6 Points.....\$8.50



No. 77—30x2¾ inches, Crucible Steel, Bright, Tempered, Set and Sharpened, Fast Cutting.....\$10.00

All Above, One Dozen in a Package.

ADJUSTABLE COMPASS



No. 011—14 inches Long, Cast Steel, for No. 11 Atkins' Adjustable Compass Saws.....\$4.25

COMPASS



No. 2—Crucible Steel.
 Length, Inches 10 12 14
 Per Dozen \$3.25 3.50 3.80

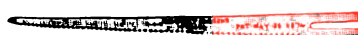
KEYHOLE OR FRET



No. 05—6 to 12 inches Long, Crucible Steel, for Iron Keyhole Pads\$2.80

BLADES FOR NESTS OF SAWS

KEYHOLE



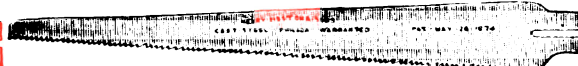
No. 01—10 inches Long, Crucible Steel\$2.80

COMPASS



No. 02—14 inches Long, Crucible Steel\$3.80

PRUNING



No. 03—16 inches Long, Crucible Steel\$7.75

BLADES FOR INTERCHANGEABLE COMPASS SAWS

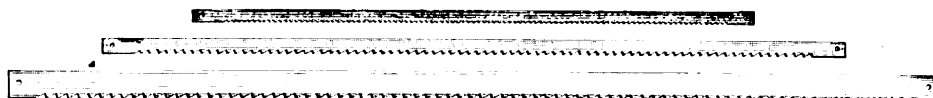
No. 04—Crucible Steel

Length, Inches 12 14
 Per Dozen \$3.50 3.80

One Dozen in a Box.

SAW BLADES

TURNING WEBS

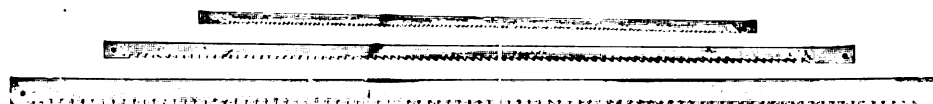


No. 100—Set and Sharpened.

Length, Inches	10	12	14	16	18	20	22
Width, Assorted	$\frac{1}{16}$ to $\frac{1}{4}$	$\frac{1}{16}$ to $\frac{1}{8}$	$\frac{1}{8}$ to $\frac{1}{4}$	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{5}{8}$	$\frac{1}{4}$ to $\frac{3}{4}$
Gauge No.	22	21	21	20	20	20	20
Per Dozen	\$2.00	2.25	2.40	2.70	3.00	3.40	3.70
Length, Inches	24	26	28	30	32	34	36
Width, Assorted	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1
Gauge No.	19	19	19	19	18	18	18
Per Dozen	\$4.20	4.65	5.20	5.70	6.50	6.70	7.50

One Dozen in a Package.

FELLOE WEBS



No. 200—Set and Sharpened.

Length, Inches	10	12	14	16	18	20	22
Width, Inches, Assorted	$\frac{1}{16}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{1}{2}$		$\frac{1}{4}$ to $\frac{5}{8}$		$\frac{1}{4}$ to $\frac{3}{4}$	
Gauge No.	18	18	17	17	17	17	17
Per Dozen	\$2.40	2.75	3.15	3.50	4.10	4.50	5.00
Length, Inches	24	26	28	30	32	34	36
Width, Inches, Assorted	$\frac{1}{4}$ to $\frac{3}{4}$				$\frac{1}{4}$ to 1		
Gauge No.	17	17	17	16	16	16	16
Per Dozen	\$5.50	6.00	6.60	7.20	7.80	8.40	9.00

One Dozen in a Package.

CABINET TANGED.



No. 312—Regular Width, Straw Colored, Set and Sharpened.

Blade 1 to 2 Inches Wide, Length, Inches	18	20	22	24	26	28	30	32	34	36
Per Dozen	\$3.50	3.65	3.85	4.00	4.40	4.80	5.30	5.80	6.25	6.75

No. 301—Narrow Width, Straw Colored, Set and Sharpened.

Blade $\frac{1}{4}$ to 1 Inch Wide, Length, Inches	18 to 24	26	28	30	32	34
Per Dozen	\$2.75	2.90	3.20	3.50	3.85	4.15

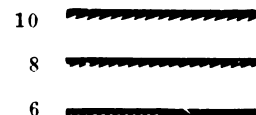
BARNES' SCROLL



Width, Inches	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{4}$
Length, Inches	7	7	7
Per Dozen	\$0.75	.75	.75

One Dozen in a Package.

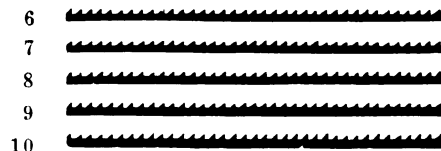
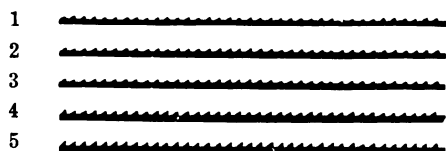
BARNES' BRACKET



Nos.	6B	8B	10B
Length, Inches	7	7	7
Per Dozen	\$0.60	.60	.60

Twelve Dozen in a Package.

GRIFFIN'S BRACKET

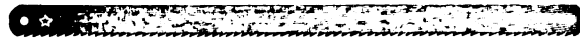


Nos.	1 to 6	7	8	9	10
Per Gross	\$1.20	1.50	1.70	1.80	2.00

One Dozen in a Package; One Gross in a Bundle.

HACK SAW BLADES

STAR

No. 14—Special Steel, $\frac{1}{2}$ inch Wide, 14 Teeth to the Inch, for Ordinary Work.

Length, Inches	8	9	10	12
Per Dozen	\$ 0.80	.90	1.00	1.40
Per Gross	10.00	11.00	12.00	16.00

No. 24—Special Steel, $\frac{1}{2}$ inch Wide, 24 Teeth to the Inch, for Thin Tubing or Thin Sheets of Metal.

Length, Inches	8	9	10	12
Per Dozen	\$ 0.80	.90	1.00	1.40
Per Gross	10.00	11.00	12.00	16.00

One Dozen in a Package; One-half Gross in a Box.

STERLING

No. 18—Highest Grade Tool Steel, $\frac{1}{2}$ inch Wide, 18 Teeth to the Inch, for Ordinary Work.

Length, Inches	8	9	10	12
Thickness, Gauge	24	24	22	22
Per Dozen	\$ 1.20	1.30	1.50	1.70
Per Gross	14.00	15.00	16.00	18.00

No. 24S—Highest Grade Tool Steel, $\frac{1}{2}$ inch Wide, 24 Teeth to the Inch, for Cutting Tubing and Thin Sheets of Metal.

Length, Inches	8	9	10	12
Thickness, Gauge	24	24	24	24
Per Dozen	\$ 1.20	1.30	1.50	1.70
Per Gross	14.00	15.00	16.00	18.00

No. 14P—Highest Grade Tool Steel, 14 Teeth to the Inch, for Power Machines.

Length, Inches	12	12	14
Width, Inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$
Thickness, Gauge	22	21	21
Per Dozen	\$ 1.80	2.30	2.50
Per Gross	20.00	24.00	28.00

One Dozen in a Package; One-half Gross in a Box.

VICTOR



No. 1—High Grade Hard Steel, 18 Teeth to the Inch, for Ordinary Work.

Length, Inches	8	9	10	12
Width, Inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$
Thickness, Gauge	23	23	23	22
Per Dozen	\$ 1.20	1.30	1.50	1.70
Per Gross	14.00	15.00	16.00	18.00

No. 4—High Grade Steel, 14 Teeth to the Inch, for Power Machines.

Length, Inches	12
Width, Inches	$\frac{3}{4}$
Thickness, Gauge	21
Per Dozen	\$ 2.30
Per Gross	12.00

One Dozen in a Package; One-half Gross in a Box.

FLEXIBLE



No. 100—Flexible Back, Hard Teeth, 30 Teeth to the Inch, for Cutting Thin Iron, Steel, Brass and Copper Tubing.

Length, Inches	8	9	10	12
Per Dozen	\$ 0.90	1.00	1.10	1.30
Per Gross	10.00	11.00	12.00	14.00

One Dozen in a Package; One-half Gross in a Box.

ATKINS "AAA"

No. 200—All Hard, $\frac{7}{16}$ inch Wide, 23 Gauge Thick, 18 Teeth to the Inch, for Ordinary Work.

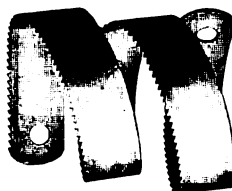
Length, Inches	8	9	10	12
Per Dozen	\$ 1.20	1.30	1.50	1.70
Per Gross	14.00	15.00	16.00	18.00

These blades are made from a special formula of steel, possessing just those qualities which have been so long desired for this class of work.

The teeth are sharp and given just enough set to insure a free, smooth and rapid cut, removing no more stock than is necessary.

One Dozen in a Package; One-half Gross in a Box.

ATKINS NON-BREAKABLE



These Blades are made with the usual hard edge, but with a soft back that practically prevents breakage. They should not be confused with any so-called flexible blades.

No. 300— $\frac{7}{16}$ inch Wide, 23 Gauge Thick, 18 Teeth to the Inch, for Ordinary Work.

Length, Inches	8	9	10	12
Per Dozen	\$ 1.20	1.30	1.50	1.70
Per Gross	14.00	15.00	16.00	18.00

The edge is tempered so as to insure a cutting capacity equal to all hard blades.

One Dozen in a Package; One-half Gross in a Box.

DEHORNING SAW BLADES

KITCHEN SAW BLADES

No. DB—Cast Steel.

Nos.	3	6
Length, Inches	12	10
Width, Inches	$\frac{3}{4}$	$\frac{1}{4}$
Per Dozen	\$2.00	1.75

No. KB—Extra Cast Steel.

No.	14
Length, Inches	14
Per Dozen	\$3.00

BUTCHERS' SAW BLADES

DISSTON'S

No. $\frac{3}{4}$ —Extra Cast Steel, Bright, $\frac{3}{4}$ inch Wide.
Regularly Made 11 Points to the Inch. Not Punched at Ends.

Length, Inches	16	18	20	22	24	26	28
Per Dozen	\$4.50	4.90	5.20	5.60	6.00	6.20	6.50

One-half Dozen in a Box.

No. 1—Extra Cast Steel, Bright, 1 inch Wide.
Regularly Made 11 Points to the Inch. Not Punched at Ends.

Length, Inches	16	18	20	22	24	26	28
Per Dozen	\$4.50	4.90	5.20	5.60	6.00	6.20	6.50

One-half Dozen in a Box.

STAR (ECONOMY)



High Grade Steel, Hardened and Tempered Evenly Throughout, $\frac{11}{16}$ inch Wide, $9\frac{1}{2}$ Teeth to the Inch. Needs no Filing.

Length, Inches	20	22	24	26
Per Dozen	\$2.00	2.25	2.50	2.75

Economy Blades are not intended to be refled, they are made hard enough to do three or four times as much work before becoming dull as the ordinary blade is capable of doing under same conditions.

One Dozen in a Package; One-half Gross in a Box.

BUTCHERS' SAW BLADES

SAW BLADE PUNCHES

GOODELL'S, IN COILS

GOODELL'S



Finest Quality Spring Steel, Tempered, Ground and Polished,
11 Teeth to the Inch.

Nos.	251	252
Width, Inches	$\frac{3}{4}$	$\frac{3}{4}$
Per Coil of 25 Feet	\$3.00	3.30

These Coils are filed, set and re-filed after setting, leaving them sharp and ready for use.

One Coil in a Box.

No. 200—Malleable Iron Frame, Nickel Plated and Polished, Steel Screw and Cross Bar, Tool Steel Die and Punch, Carefully Tempered, Weight Each $\frac{1}{2}$ Lb.	Per Dozen \$8.00
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Designed for punching with ease the end holes in Butcher and other light Saw Blades. Also for quick punching of holes on the edges of sheet metals of medium gauges.

One-twelfth Dozen in a Box.

SCROLL SAWS

NEW ROGERS



With Automatic Dust Blower.

Iron Frame, Japanned Red with Red and Gilt Stripes, Steel Arbors, Best Selected Ashwood Arms and Pitman.

Each

No. 18—35 inches High, Japanned Tilting Table, Iron Balance Wheel, Complete with 12 Saw Blades, 1 Wrench, 3 Sheets of Designs, 1 Awl, Impression Paper and 3 Drill Points.....\$7.00

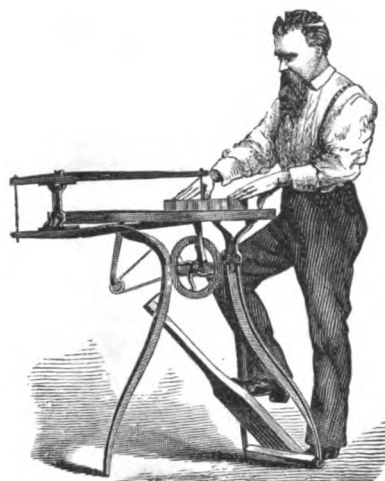
No. 28—With Nickel Plated Tilting Table and Emery Balance Wheel, Otherwise Same as No. 1..... 7.75

Bearings to the arms are carefully adjusted. A jointed stretcher rod permits free action of arms. Adjustable lever saw clamps with hinged jaw overcome a disagreeable raking overthrow of the saw blades and prevent breakage of blades.

Net Weight 28 Pounds; Boxed Weight 45 Pounds.

One in a Box, Knocked Down.

BARNES' IMPROVED



Each

No. 7—Cast Iron, Hard Maple Table and Arms, Balance Wheel Runs on Steel Arbor, 7 inch Blade, Swing Around the Blade Under Arm 24 inches, Complete with 1 Dozen Blades.....\$24.00

Designed for practical service in the work shops of carpenters and builders, cabinet makers and other wood workers. The ordinary rate of speed when sawing is from 800 to 1200 strokes per minute.

The saw leaves the work as smooth as it is possible for any saw to do, and can be taken out and replaced in an instant for inside work.

Weight Each Boxed 80 Pounds.

One in a Box.

SAW SETS

MORRILL'S

MORRILL'S NO. 1 SAWSET.



Per Dozen

No. 1—6 3/4 inches Long, Semi and Tool Steel, Polished, for Hand Saws 1/2 inch or Over in Width and not Over 16 Gauge.....\$15.00

Each

Extra Anvils.....\$0.24

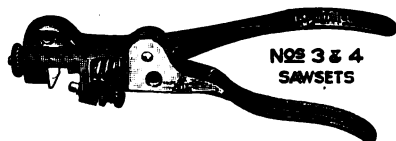
Extra Anvil Screws......24

Extra Plungers......24

The anvil, anvil screw and gauge screw are easily adjusted, and are riveted to the frame so they cannot be lost.

Weight Per Dozen 7 Pounds.

One-half Dozen in a Box.



NO 3 & 4
SAWSETS

Per Dozen

No. 3—9 3/8 inches Long, Semi and Tool Steel, Cast Finish, for Single Tooth Cross Cut Saws and 14 to 20 Gauge Circular Saws.....\$21.00

No. 4—For Double Tooth Cross Cut Saws (M and Champion Tooth), 14 to 20 Gauge, Otherwise Same as No. 3.....

Each

Extra Anvils.....\$0.40

Extra Anvil Screws......30

Extra Plungers......40

Weight Per Dozen 17 Pounds.

One in a Carton; One-half Dozen in a Box.

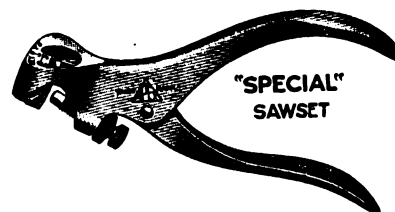
TAINTOR'S POSITIVE

No. 7—6 inches Long, All Steel, Neatly Finished, Anvil Has 10 Different Pitches, for Hand and Other Fine Tooth Saws.....\$14.00

Weight Per Dozen 7 Pounds.

One-half Dozen in a Box.

Per Dozen



"SPECIAL"
SAWSET

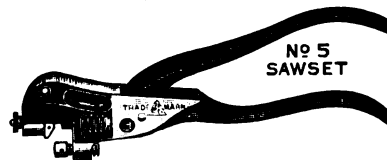
Per Dozen

Special—6 1/8 inches Long, Semi and Tool Steel, Polished, for Hand Saws 1/2 inch or Over in Width and not Over 16 Gauge.....\$16.50

The anvil gives at one adjustment both the correct angle and depth of set. The best saw set of its kind on the market.

Weight Per Dozen 8 Pounds.

One in a Carton; One-half Dozen in a Box.



NO 5
SAWSET

Per Dozen

No. 5—15 inches Long, Semi and Tool Steel, Cast Finish, for 6 to 14 Gauge Timber and Board Saws....\$31.00

Each

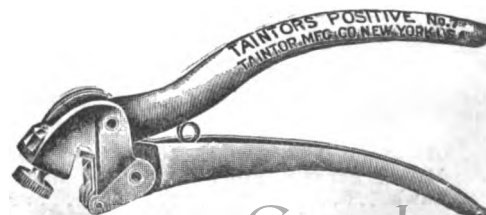
Extra Anvils.....\$0.50

Extra Anvil Screws......30

Extra Plungers......50

Weight Per Dozen 42 Pounds.

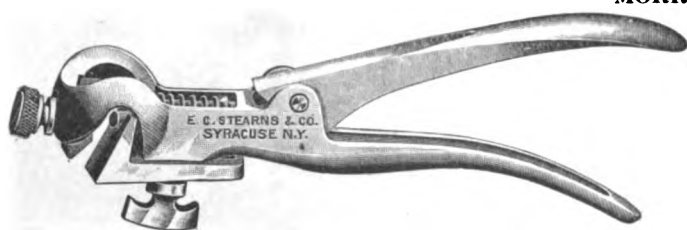
One in a Carton; One-half Dozen in a Box.



TAINTOR'S POSITIVE No. 7
TAINTOR MFG. CO. NEW YORK

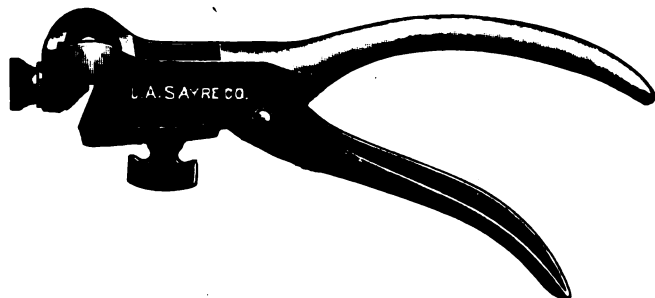
SAW SETS

MORRILL PATTERN



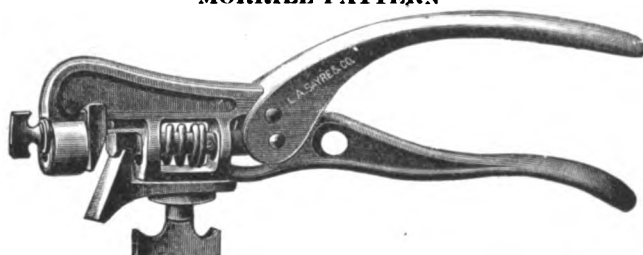
No. 100—6 $\frac{3}{4}$ inches Long, Malleable Iron, Polished, Hardened Anvil and Plunger, Tempered Steel Springs, for Hand, Band and Jig Saws from the Widest Made Down to $\frac{1}{2}$ inch.....\$6.50
Weight Per Dozen 6 Pounds.
One-half Dozen in a Box.

PEERLESS

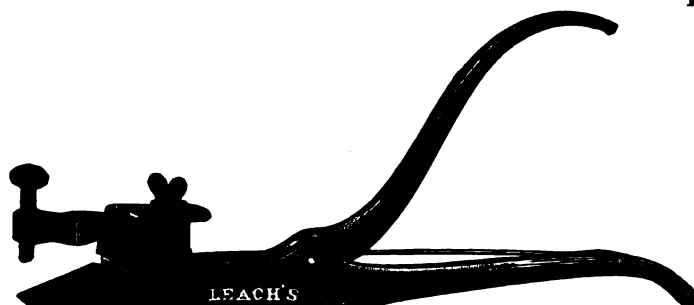


No. 120—6 $\frac{3}{4}$ inches Long, Malleable Iron, Polished, for Hand, Band and Jig Saws.....\$9.50
The movable handle is on under side, thereby confining all motion to the handle and preventing movement of the head.
Weight Per Dozen 6 Pounds.
One-half Dozen in a Box.

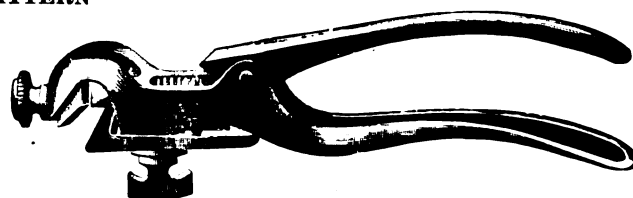
MORRILL PATTERN



No. 103—9 inches Long, Malleable Iron, Polished, for Cross Cut and Circular Saws, Single Tooth.....\$13.00
No. 104—9 inches Long, Malleable Iron, Polished, for Cross Cut and Circular Saws, M Tooth.....13.00
Extra Anvil, for Nos. 103 and 104.....\$0.20
Extra Anvil Screws, for Nos. 103 and 104......20
Extra Plungers, for Nos. 103 and 104......20
Weight Per Dozen 17 Pounds.
One-half Dozen in a Box.

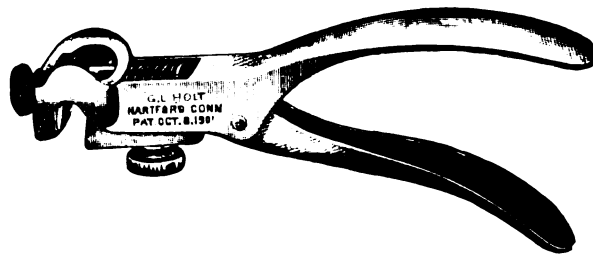


No. 0L—7 inches Long, Malleable Iron, Japanned, Milled Screws, Steel Anvil and Saddle, for Hand Saws\$9.00
Weight Per Dozen 7 Pounds.
One Dozen in a Box.



No. 101—6 $\frac{3}{4}$ inches Long, Malleable Iron, Polished, for Hand, Band and Jig Saws.....\$8.00
Extra Anvils\$0.20
Extra Anvil Screws20
Extra Plungers20
Weight Per Dozen 6 Pounds.
One-half Dozen in a Box.

HOLT'S



No. 140—6 $\frac{3}{4}$ inches Long, Steel, Polished, Improved Plunger, Patent Lever and Sliding Gauge, for the Widest, Coarsest, Narrowest and Finest Saws Made, Plunger Will Set 16 Point and All Coarser Saws\$15.00
Weight Per Dozen 7 Pounds.
One-half Dozen in a Box.

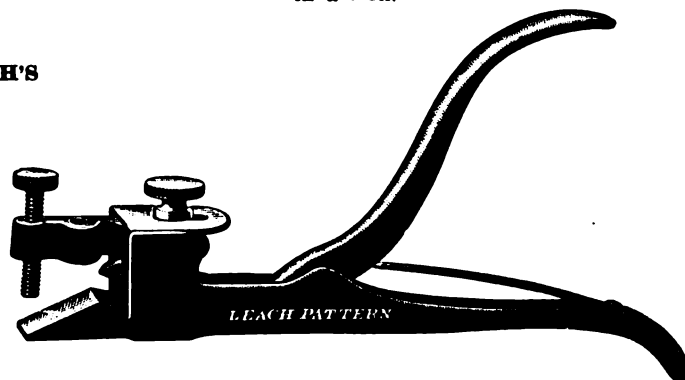
DISSTON'S TRIUMPH



Tool Steel Parts, Barff Finish, Polished Head.

No. 28—7 $\frac{1}{2}$ inches Long, for Hand, Back, Web and Narrow Band Saws, 10 Points to the Inch and Coarser, Weight Per Dozen 9 $\frac{1}{2}$ Lbs.....\$14.00
No. 18—9 inches Long, for Circular and Cross Cut Saws, 14 Gauge and Lighter, Weight Per Dozen 15 Lbs.19.00
No. 8—10 $\frac{1}{4}$ inches Long, for Circular and Cross Cut Saws, 12 Gauge and Lighter, Weight Per Dozen 24 Lbs.23.00
No. 28, One-half Dozen; Nos. 18 and 8, One-twelfth Dozen in a Box.

LEACH'S



No. 1L—12 inches Long, Malleable Iron, Japanned, Milled Screws, Steel Anvil and Saddle, for Cross Cut Saws\$19.00
Weight Per Dozen 18 Pounds.
One-half Dozen in a Box.

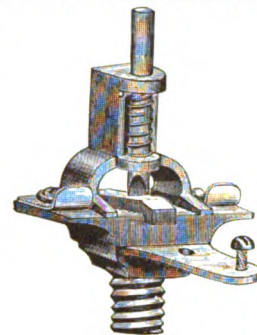
SAW SETS

AIKEN'S PATTERN.



No. 1—Aiken's Pattern, Forged Steel Anvil and Hammer, Polished,
with Set Screw for Gauging Angle of Set.....\$7.00
To be set in vise or hole of bench.
Weight Per Dozen 7 Pounds.
One Dozen in a Box.

HOTCHKISS', HAMMER PATTERN.



Hotchkiss—Japanned Iron Body, Hardened Steel Anvil and Plunger,
Brass Spiral Spring, Two Depth Gauges Regulated by Set
Screw, to Screw Into Bench.....\$10.50
Weight Per Dozen 11 Pounds.
One Dozen in a Box.

GENUINE WHITING



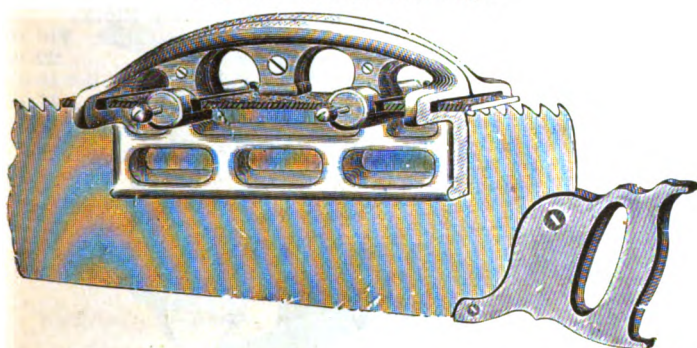
No. 020—3 $\frac{3}{8}$ inches Long, 1 $\frac{1}{4}$ inch Collar, Forged
and Tempered Tool Steel, Polished, for Cross Cut
Saws Only, Hammer Set, Needs no Adjusting....\$13.00
Woodman—Same Style as No. 020, Also Warranted... 10.00
Weight Per Dozen 6 $\frac{1}{2}$ Pounds.
One-twelfth Dozen in a Box.

ATKINS' CRITERION



No. 030—8 $\frac{1}{2}$ inches Long, Best Refined Malleable Iron,
Lacquered, Drop Forged Tool Steel Die and Anvil.
Properly Hardened, without Hammer.....\$10.50
Used in setting all kinds of cross cut, hand, wood and
other small saws.
Weight Per Dozen 14 Pounds.
One-twelfth Dozen in a Box.

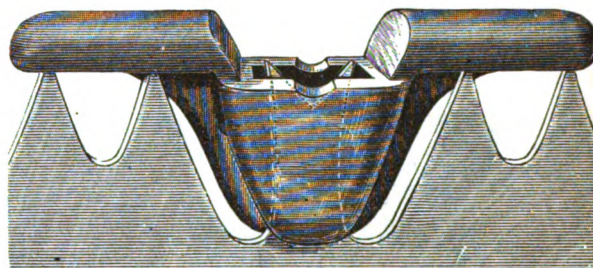
SAW JOINTERS



No. 150—Japanned Iron Frame, Steel Adjusting Screws,
Used for Jointing Teeth to an Equal Length, Can
be Used on All Kinds of Hand Saws.....\$8.50
Weight Per Dozen 9 Pounds.
One-half Dozen in a Box.

SAW TOOTH GAUGES

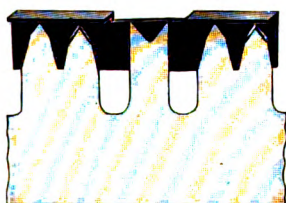
WHITING'S CHAMPION TOOTH



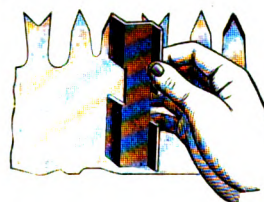
Whiting's—3 inches Long, Iron, Japanned, for Regulat-
ing the Length of Raker Teeth.....\$2.70
For use of Lumbermen and Mill Men on large Cross Cut
Saws. Place Gauge over Drag Tooth, resting on Cutting Teeth,
file the points off to surface of Gauge with an 8 inch Mill File.
Weight Per Dozen 2 Pounds.
One Dozen in a Box.

SAW TOOTH GAUGES

ATKIN'S



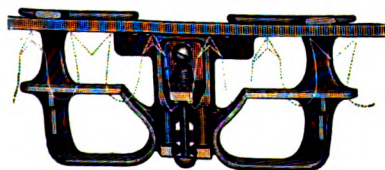
No. 1G—Single Tooth, 5 $\frac{1}{8}$ inches Long, Malleable Iron,
Plain Finish, Regulates Length of Clearers for Hard-
wood.....\$1.20
Weight Per Dozen 2 Pounds.
One Dozen in a Box.



No. 2G—Double Tooth, 5 inches Long, Malleable Iron,
Plain Finish, Regulates Length of Clearers for Hard
and Soft Wood.....\$1.80
Weight Per Dozen 3 Pounds.
One Dozen in a Box.

SAW TOOLS

ATKINS' DEXTER



Dexter—5 $\frac{1}{8}$ inches Long, 2 $\frac{1}{4}$ inches High, Cast Iron Frame, Natural Finish,
Combines in One Tool a Jointer, Raker Gauge and Side File.....\$5.50
Used in connection with an 8 inch mill bastard file. For use as a jointer the file
is held firmly in place by a thumb screw, which springs it slightly to suit the curve
of the saw. By simply passing the file lightly over the point of the teeth until it
touches the shortest tooth, a uniform length will have been secured.
Weight Per Dozen Sets 5 Pounds.
One-twelfth Dozen Sets in a Box.

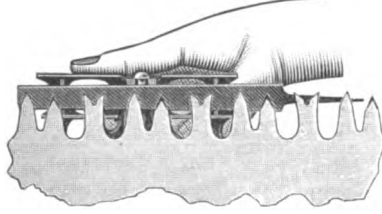
Per Dozen Sets

SAW TOOLS

ATKINS' EXCELSIOR



Excelsior Saw Tool.



Tool Used as a Side File.



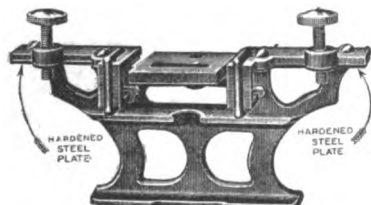
Tooth Set Gauge.



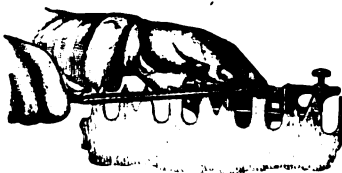
Setting Block.

- No. 2—5 $\frac{3}{8}$ inches Long, 2 $\frac{1}{4}$ inches High, Cast Iron Frame, Natural Finish, Used as a Jointer, a Raker Gauge or as a Side File, Complete with Tooth Set Gauge and Setting Block \$9.00
 Per Dozen \$4.00
 Extra Tooth Set Gauge \$1.00 Extra Setting Block \$4.00
 Weight Per Dozen Sets 19 Pounds.
 One-twelfth Dozen Sets in a Box.

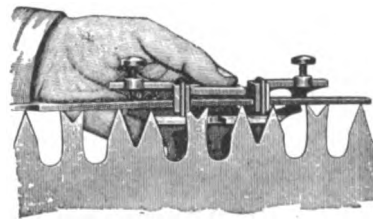
SIMONDS' CRESCENT



Crescent Saw Tool.



Filing Raker Teeth.



Jointing.



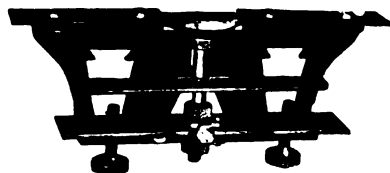
Tooth Set Gauge.



Setting Block.

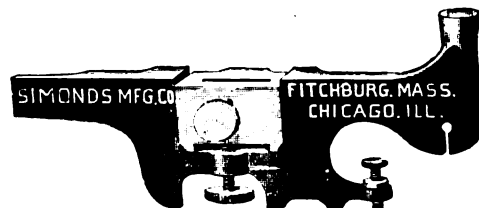
- No. 340—5 $\frac{1}{2}$ inches Long, 2 $\frac{1}{2}$ inches High, Malleable Iron Frame, with Hardened Steel Plate, Adjusting Screw and Two File Screws, Used as a Raker Filing Gauge or as a Jointing Tool, Complete with Tooth Set Gauge and Setting Block, without Hammer, Weight Per Dozen Sets 17 Lbs. \$16.00
 No. 340H—Same as No. 340 Set, but with Additional Setting and Swaging Hammer, Weight Per Dozen Sets 22 Lbs. 22.00
 Per Dozen \$7.00
 Extra Hammers, Drop Forged Tool Steel, Hardwood Handle. \$7.00
 One-twelfth Dozen Sets in a Box.

DISSTON'S IMPERIAL



- No. 50—5 $\frac{1}{8}$ inches Long, 2 $\frac{3}{4}$ inches High, Malleable Iron Frame, Steel Wearing Parts, Used as a Jointer or Raker Tooth Gauge, Complete with Tooth Set Gauge and Setting Block. \$19.50
 Weight Per Dozen Sets 21 Pounds.
 One-twelfth Dozen Sets in a Box.

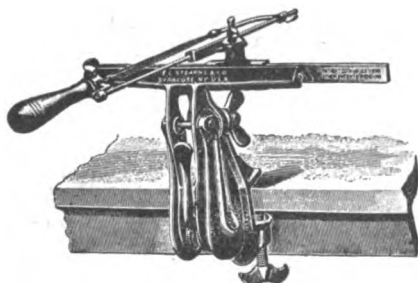
MCDONALD'S PATENT



- No. 75—6 $\frac{3}{8}$ inches Long, 3 inches High, Hardened Steel Frame, Japanned, Combines in One Tool a Perfect Saw Set, Jointer, Raker or Tooth Gauge, Set Gauge and Swaging Hammer, in a Convenient Form \$11.50
 Weight Per Dozen 8 Pounds.
 One-half Dozen in a Box.

SAW FILING TOOLS

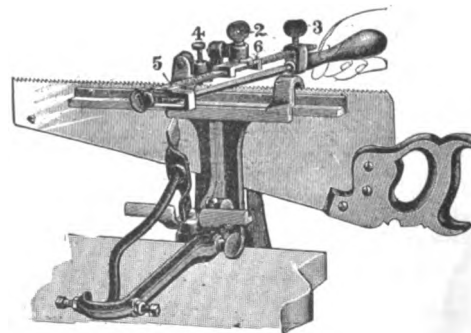
STEARNS'



- No. 11—10 $\frac{1}{2}$ inch Planed Jaws, Front Jaw Faced with Rubber to Hold Saw Firmly and Prevent Noise and Vibration, 16 inch True and Highly Polished Flat Steel Guide Bar, Ball and Socket Joint, Dull Nickel Plated Malleable Iron Parts, Japanned Malleable Iron Clamp, Complete with File and Handle. \$3.50
 Weight Each 9 Pounds.
 One in a Box.

Each

BISHOP'S AUTOMATIC



- No. 1—Consists of One 15 inch Rubber Cushioned Enamelled Malleable Iron Saw Clamp, One Automatic Enamelled Malleable Iron Saw Filer, One 5 $\frac{1}{2}$ inch File with Hardwood Handle, One Enamelled Malleable Iron Saw Setter, One Tempered Tool Steel Hammer and One Tempered Tool Steel Setting Stake. \$6.50
 Weight Each 16 Pounds.
 One in a Box.

Each

SAW FILING TOOLS

STEARNS' OVERHANGING

No. 400—Steel and Iron Construction, Japanned Base, Dull Nickel Plated Steel Parts. **\$23.00**

This tool is intended primarily to be used for filing a saw in a bench vise; it may, however, be used in connection with a regular saw vise.

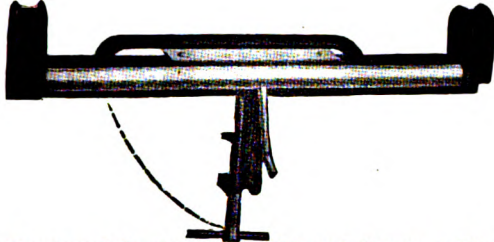
By using this tool even a novice can file a saw correctly.

Weight Per Dozen 30 Pounds.

One-twelfth Dozen in a Box.

SAW VISES OR CLAMPS

NEVERBREAK ALL-STEEL



All Steel, Japanned Body, Nickel Plated Parts, with Patented Eccentric Locking Bar.

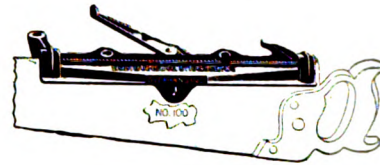
No. 57—With 9 1/2 inch Jaws, Weight Per Dozen 18 Lbs. **\$10.00**

No. 77—With 10 inch Rubber Cushioned Jaws, Weight Per Dozen 24 Lbs. **17.00**

Riveted together and practically unbreakable. The bar grips the saw evenly the length of the jaw.

One-twelfth Dozen in a Box.

STEARNS' OVERHANGING

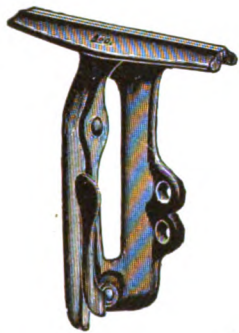


No. 100—10 1/2 inch Jaws, Malleable Iron, Japanned. **\$9.50**

Light in construction, yet very strong. Requires little room, either on the bench or in the tool box. Filing attachment is accurate.

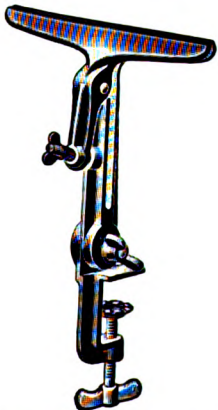
Weight Per Dozen 40 Pounds.

One-sixth Dozen in a Box.



No. 0—9 1/2 inch Jaws, Malleable Iron, Japanned **\$7.50**
Weight Per Dozen 36 Pounds.
Open Stock.

SARGENT'S

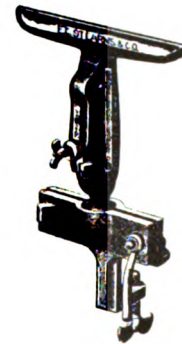


No. 94—9 1/2 inch Jaws, Malleable Iron, Japanned, with Screw Clamp for Fastening to Bench and Screw Adjustment for Holding Vise at Any Angle **\$10.00**
Weight Per Dozen 75 Pounds.
Open Stock.

STEARNS'

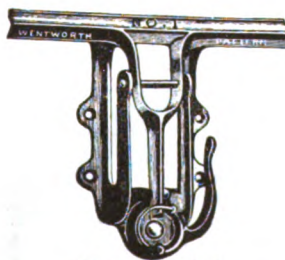


No. 3—9 1/2 inch Jaws, Malleable Iron, Japanned **\$10.00**
Can be readily removed from bench or adjusted to light while filing.
Weight Per Dozen 60 Pounds.
Open Stock.



No. 5—9 1/2 inch Jaws, Malleable Iron, Japanned, Ball and Socket Adjustment **\$16.00**
Holds the saw at any angle for convenience in filing. Can be readily detached from bench.
Weight Per Dozen 102 Pounds.
Open Stock.

WENTWORTH PATTERN NOISELESS



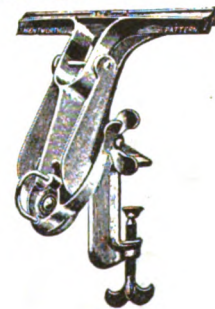
Nos. 1 and 2.
Japanned Malleable Iron Frame, Pivoted Outer Jaw, Spring Cam Lever Tightener, Rubber Cushioned Jaws.

No. 1W—11 inch Jaws, to Screw on Bench, Weight Per Dozen 60 Lbs. **\$11.00**

No. 2W—14 1/2 inch Jaws, Heavy, to Screw on Bench, Weight Per Dozen 108 Lbs. **14.00**

No. 3W—11 inch Jaws, Attaches to Bench by Means of Bench Clamps, Weight Per Dozen 66 Lbs. **14.00**

These Saw Vises are made with a flexible rubber cushion or muffler between the jaws, which prevents any vibration and renders saw filing noiseless.
Open Stock.

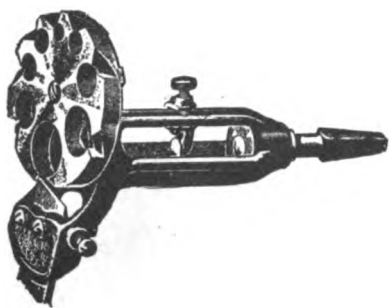


No. 3.

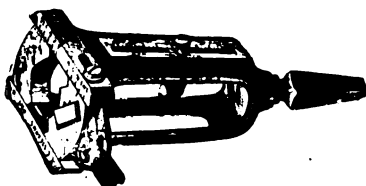
HOLLOW AUGERS

STEARN'S ADJUSTABLE

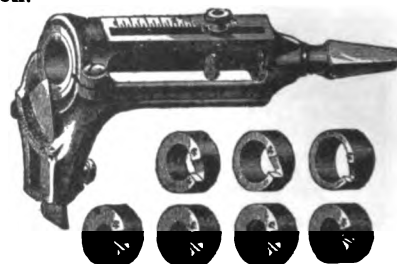
With Adjustable Stop to Regulate Length of Tenon.



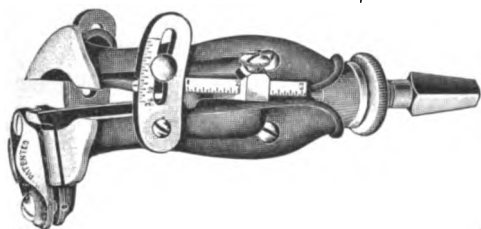
No. 4—Japanned Malleable Iron Barrel, Nickel Plated Disc and Screws, Cold Rolled Steel Shank, Tool Steel Knife, Cuts $\frac{3}{8}$ to 1 inch Tenons **\$15.00**
Weight Per Dozen 19 Pounds.
One-sixth Dozen in a Box.



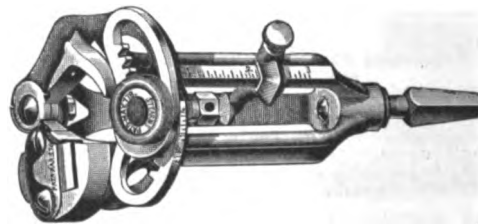
No. 0—Japanned Malleable Iron Barrel, Polished Steel Disc, Cuts $\frac{1}{4}$ to $1\frac{1}{4}$ inch Tenons to the Scale Upon Head of Tool, with Graduated Scale Regulating Length of Tenon **\$76.80**
Weight Per Dozen 17 Pounds.
One-sixth Dozen in a Box.



No. 1—Japanned Malleable Iron Barrel, Polished Parts, Tool Steel Knife, Cuts $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{7}{8}$ and 1 inch Tenons. **\$76.80**
Weight Per Dozen 18 Pounds.
One-sixth Dozen in a Box.

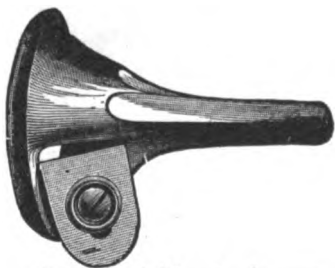


No. 2—Malleable Iron and Steel, Japanned Barrel, Polished Parts, Cuts $\frac{3}{8}$ to 1 inch Tenons, 3 inches in Length, Adjustable Stop and Scale, Graduated Strap Indicating Diameter of Tenon, Adjustable Cap and Knife **\$76.80**
Weight Per Dozen 17 Pounds.
One-sixth Dozen in a Box.



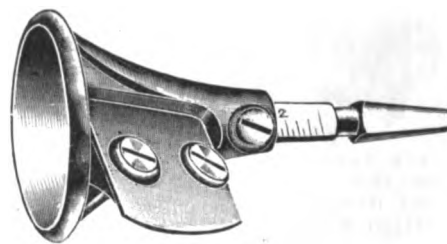
No. 3—Malleable Iron and Steel, Japanned Barrel, Polished Parts, Cuts $\frac{1}{4}$ to $1\frac{1}{4}$ inch Tenons, Pivoted Jaws Provided with a Graduated Scale for Regulating Size of Tenon, Movable Stop Operated Upon a Graduated Scale. **\$96.00**
Weight Per Dozen 18 Pounds.
One-sixth Dozen in a Box.

BONNEY'S

SPOKE POINTERS

No. 1B—Cast Iron Body and Shank, Japanned, Adjustable Cast Steel Blade, Points up to 2 inches Diameter **\$7.50**
Weight Per Dozen 1 Pound.
One-half Dozen in a Box.

STEARN'S



No. 18—Cast Iron Body, Japanned, Adjustable Tempered Steel Blade, Graduated Adjustable Shank, Points up to $1\frac{1}{2}$ inches Diameter. **\$13.50**
Weight Per Dozen 8 Pounds.
One-half Dozen in a Box.

BENCH BRACKETS

STANLEY'S



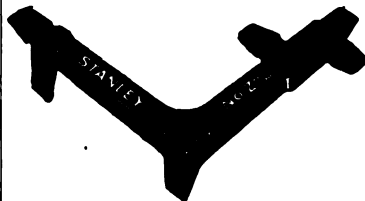
No. 208—Japanned Iron Body, Nickel Plated Steel Screw, Weight Per Dozen $12\frac{1}{2}$ Lbs. **\$5.50**

Requires one or more holes bored in front of the bench. The shape of the tool is such that when the jaw or nose is put through the hole it is automatically held in place, and by means of the screw clamp, the board being worked upon, is quickly and firmly secured.

One-half Dozen in a Box.

BENCH DOGS

STANLEY'S



No. 202—All Metal, Blued Finish, with Sharpened Points, Weight Per Dozen $2\frac{1}{2}$ Lbs. **\$3.00**
Most convenient for all kinds of work. Especially where a work bench is not available.

One-half Dozen in a Box.

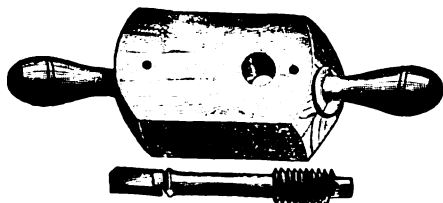
WOOD SCREW CUTTERS

No. 477—Selected Wood Cutter, Steel Top, Polished Shank.

Size, Inches	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Weight Each, Lbs.	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{3}{4}$	2
Each	\$1.20	1.35	1.45	1.60	1.75	2.00	2.10

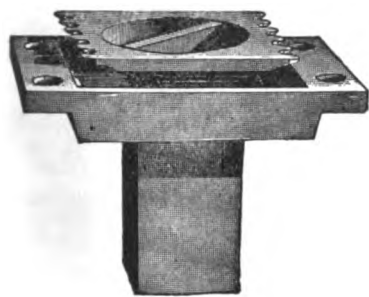
Open Stock.

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BENCH HOOKS OR STOPS

SMITH'S REVERSIBLE



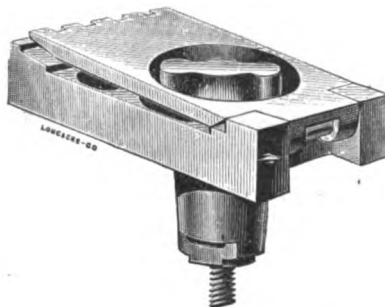
Per Dozen

No. 2— $3\frac{3}{8}$ x $1\frac{1}{8}$ inch Top, 2 $\frac{1}{2}$ inches High, Black Japanned Iron Body, Polished Top, Operated by Wing Nut.....\$7.00

Weight Per Dozen 14 Pounds.

One-half Dozen in a Box.

BONNEY'S



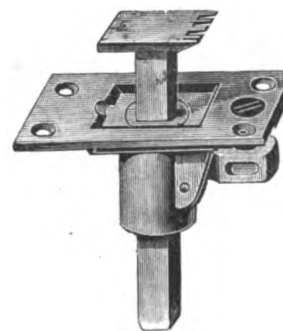
Per Dozen

No. 4— $3\frac{3}{8}$ x $1\frac{1}{8}$ inch Top, 2 $\frac{1}{2}$ inches High, Japanned Grey Iron Body, Polished Malleable Plate, Operated by Spring and Wing Nut.....\$10.00

Weight Per Dozen 12 Pounds.

One-half Dozen in a Box.

MORRILL'S



Per Dozen

No. 1— $3\frac{1}{2}$ x 2 inch Top, 4 inches High, Wrought Steel Plate and Spindle, Semi-Steel Body, Polished Face, Screw Adjustment\$10.00
Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

V. & B. GERMAN PATTERN

Per Dozen Pairs

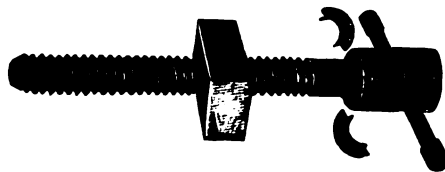
No. 1— $\frac{7}{8}$ inch Square Body, Length Under Head 7 $\frac{1}{2}$ inches, Length Over All 8 $\frac{1}{2}$ inches, Solid Steel, Spring Tempered Springs, Oil Tempered and Checkered Faces, Full Polished\$19.00

Weight Per Dozen Pairs 43 Pounds.

One-half Dozen Pairs in a Box.

BENCH SCREWS

WOOD



Seasoned White Maple, Patent Groove, Patent Metallic Vise Flange. Per Dozen

No. 185C—24 inches Long Over All, 2 $\frac{1}{2}$ inches Diameter Screw, 7x5x2 $\frac{1}{2}$ inch Block, 16 inch Handle with One Removable Knob.....\$11.00
Weight Per Dozen 80 Pounds.
One Dozen in a Box.

HAND SCREWS



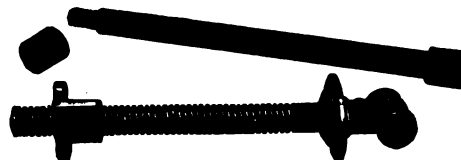
Best Quality Seasoned Hickory Screws, Hard Maple Jaws, Oil Finished.

Nos.	814	813	812	811
Opens, Inches	3	4 $\frac{1}{2}$	5 $\frac{1}{2}$	7 $\frac{1}{4}$
Length of Screw, Inches	8	10	12	14
Diam. of Screw, Inches	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$
Length of Jaws, Inches	7	8	10	12
Size of Jaws, Inches	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	1 $\frac{3}{8}$ x 1 $\frac{3}{8}$	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$
Gross Wt. Per Doz., Lbs.	19	30	55	41
Per Dozen	\$5.15	6.50	8.70	9.20

Nos.	809	807	804	808
Opens, Inches	8 $\frac{1}{4}$	9 $\frac{1}{4}$	12 $\frac{1}{4}$	12
Length of Screw, Inches	16	18	22	22
Diam. of Screw, Inches	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Length of Jaws, Inches	14	16	18	20
Size of Jaws, Inches	2x2	2 $\frac{1}{2}$ x 2 $\frac{1}{4}$	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$
Gross Wt. Per Doz., Lbs.	65	78	100	120
Per Dozen	\$10.80	12.70	15.40	16.20

Open Stock.

IRON



No. 40—Wrought Iron, Double Thread, Movable Collar, Wood Handle.

Diameter, Inches	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$
Length Under Collar, In.	13	13	13	15
Weight Per Dozen, Lbs.	65	78	90	145
Per Dozen	\$8.50	9.60	12.00	20.00

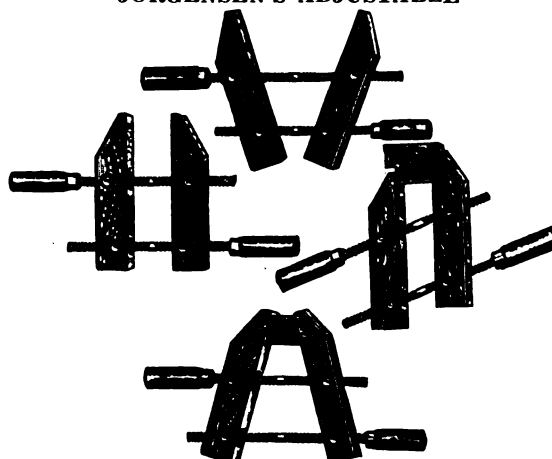
No. 50—Wrought Iron, Double Thread, Movable Collar, Wood Handle.

Diameter, Inches	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$
Length Under Collar, In.	20	20	20	20	24
Weight Per Dozen, Lbs.	82	94	106	120	175
Per Dozen	\$17.00	19.00	23.00	36.00	40.00

1 to 1 $\frac{1}{4}$ inch, One Dozen; 1 $\frac{1}{2}$ inch, One-half Dozen in a Box.

HAND SCREWS

JORGENSEN'S ADJUSTABLE



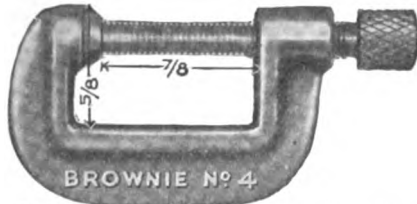
Hard Maple Jaws, Oil Finish, Best Steel Spindles and Sockets, Right and Left Thread, Jaws Adjustable to Any Angle.

Nos.	1	2	3	4
Jaws Open, Inches	6	8	10	12
Length of Jaws, Inches	10	12	14	16
Per Dozen	\$15.60	17.40	19.20	22.80

Open Stock

CLAMPS

BROWNIE HANDY



These Cuts are
Full Size.



Blued Finish, Malleable Iron Frame, Die Cut Steel Screw with Swivel Head.

No. 4—Opens $\frac{7}{8}$ inch, Reach $\frac{5}{8}$ inch, Weight Per Dozen
1 Lb. \$1.70

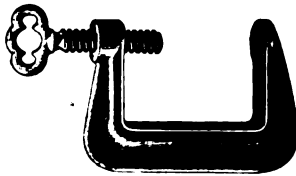
Blued Finish, Malleable Iron Frame, Die Cut Steel Screw with Swivel Head.

No. 11—Opens $\frac{7}{8}$ inch, Reach 1 $\frac{1}{2}$ inch, Weight Per Dozen
Dozen 1 $\frac{1}{2}$ Lbs. \$2.20

For the "Handy Man" on repair jobs, gluing up furniture, etc., and for Machinists, Draughtsmen, Tailors, Pattern Makers, Jewelers, Cabinet Makers, etc.

One Dozen in a Box.

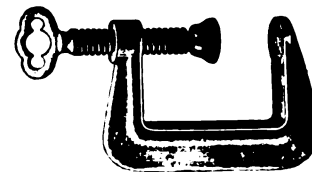
QUILT FRAME



Cast Iron, Japanned, with Plain Screw.

Nos. 1 8
Opens, Inches 2 $\frac{1}{4}$ 3 $\frac{7}{8}$
Weight Per Dozen, Lbs. 3 $\frac{1}{2}$ 7
Per Dozen \$0.80 1.80

No. 1, Two Dozen; No. 3, One Dozen in a Box.



Cast Iron, Japanned, with Swivel Head Screw.

Nos. 32 33
Opens, Inches 1 $\frac{7}{8}$ 2 $\frac{3}{4}$
Weight Per Dozen, Lbs. 3 $\frac{1}{2}$ 5
Per Dozen \$1.10 1.80

No. 32, Two Dozen; No. 33, One Dozen in a Box.

CARRIAGE MAKERS'

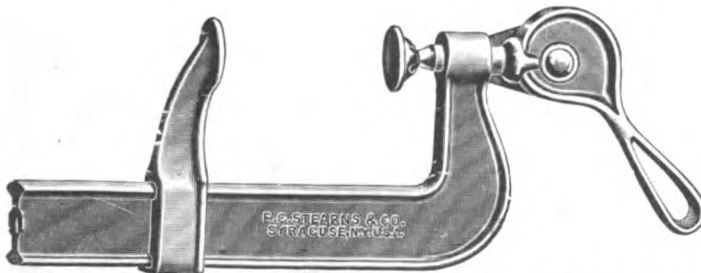


Malleable Iron Frame, Steel Screw, Swivel Head.

Nos.	13	14	15	16	18	20
Opens, Inches	3	4	5	6	8	10
Weight Per Dozen, Lbs.	15	19	26	30	44	60
Per Dozen	\$4.80	6.75	8.00	10.80	14.40	17.60

3 to 6 inch, One-half Dozen in a Box; 8 and 10 inch, Open Stock.

STEARNS' ECCENTRIC CABINET MAKERS'



Style A, Best Quality Refined Malleable Iron, Swivel Head, Eccentric Lever.

Nos.	1A	2A	3A	4A
Opens, Inches	4	6	8	12
Weight Per Dozen, Lbs.	12	23	30	33
Per Dozen	\$4.80	6.60	8.40	10.20

One-half Dozen in a Box.



Style B, 1 $\frac{1}{2}$ x $\frac{3}{4}$ inch I Shaped Steel Bar, Malleable Iron Parts, Swivel Head, Eccentric Lever.

Nos.	9B	11B	13B	15B
Opens, Inches	18	24	36	48
Weight Per Dozen, Lbs.	50	60	72	84
Per Dozen	\$12.60	14.40	18.00	21.60

The sliding jaw is firmly held in place by an enclosed automatic acting spiral spring.

Open Stock.

CLAMPS

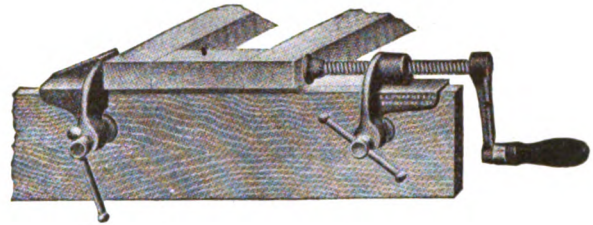
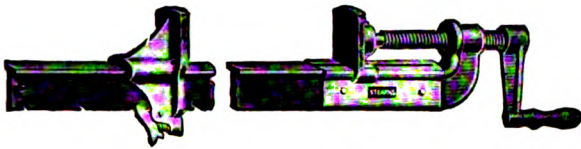
CARPENTERS' DOOR



No. 5—Irons Only (Not Mounted), Japanned, Average Weight Per Dozen 90 Lbs. **Per Dozen**
Open Stock. **\$24.00**

STEARNS' CARPENTERS'

STEARNS' UNIVERSAL



No. 100— $\frac{3}{8}$ x 1 $\frac{1}{2}$ inch Special Quality Stiff Steel T Bar, Malleable Iron Sliding Jaws and Pawl, $\frac{5}{8}$ inch Steel Screw.

Opens, Feet	3	4	5
Weight Per Pair, Lbs.	7	8	9
Per Pair	\$7.00	8.00	9.00

The notches are cut on the lower edge of the bar, affording greater holding power to the sliding jaw than if they were on the upper edge. The screw is provided with a deep and powerful thread.

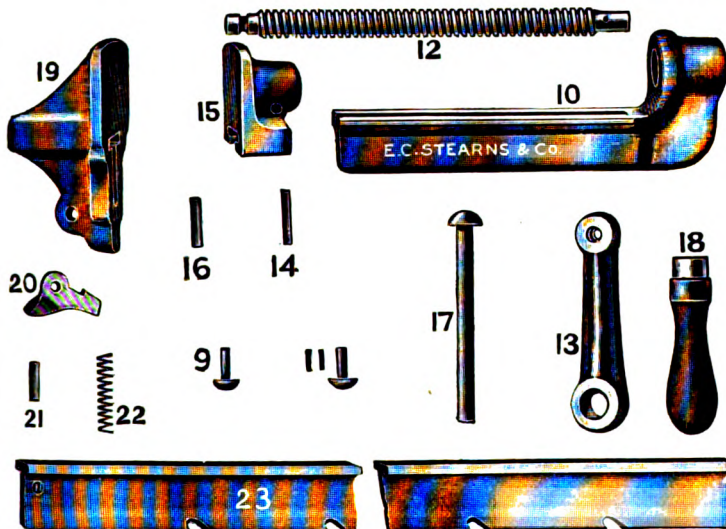
Six in a Crate.

No. 32—Consists of Two Sections Only, the Head Piece and the Sliding Jaw, to be Used on Any Piece of Timber up to 1 $\frac{1}{2}$ inches Thick and 2 inches or Over Wide **Per Pair**
 **\$2.30**

The Jaws and Crank are made of Malleable Iron, all the Screws are made of Steel with a deep powerful thread. Fitted with Malleable Ball and Socket Washers, which adapt themselves to any uneven surfaces.

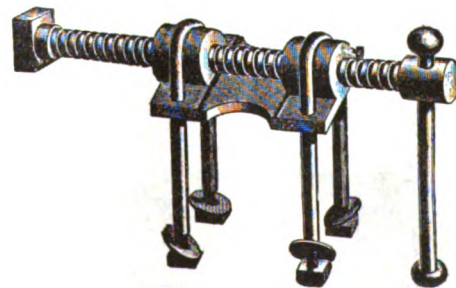
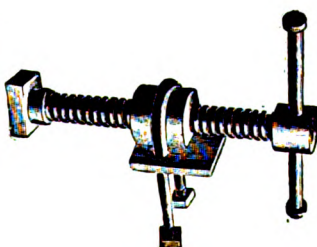
Weight Per Dozen Pairs 72 Pounds.
Open Stock.

EXTRA PARTS FOR STEARNS' CARPENTERS' CLAMPS



No. 10—Head	Per Dozen \$9.00
No. 11—Rivets, $\frac{1}{4}$ x $\frac{7}{8}$ inch, Round Head. . . . .	.45
No. 12—Screw	4.80
No. 13—Screw Crank	4.20
No. 14—Screw Crank Pin, $\frac{3}{8}$ x 1 inch. . . . .	.45
No. 15—Washer	5.40
No. 16—Washer Pin, $\frac{1}{8}$ x $\frac{7}{8}$ inch. . . . .	.45
No. 17—Wood Handle Rivet, $\frac{1}{8}$ x $\frac{1}{2}$ inch. . . . .	.60
No. 18—Wood Handle	1.80
No. 19—Slide	6.00
No. 20—Pawl . . . . .	.60
No. 21—Pawl Pin, $\frac{3}{8}$ x $\frac{1}{8}$ inch. . . . .	.45
No. 22—Pawl Spring	1.20
No. 23—T Steel Bar, $\frac{3}{8}$ x 1 $\frac{1}{2}$ inches.	Per Foot \$0.50

CLAMP HEADS

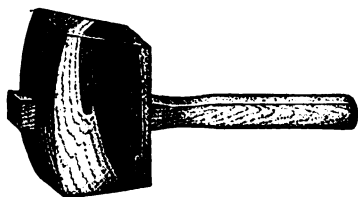


No. 111—1 $\frac{1}{2}$ inch Diameter, Wrought Iron Screw, Double Thread, Iron Handle. **Per Dozen**
 **\$33.50**
Weight Per Dozen 90 Pounds.
One Dozen in a Box.

No. 112—1 $\frac{1}{2}$ inch Diameter, Wrought Iron Screw, Double Thread, Iron Handle. **Per Dozen**
 **\$38.00**
Weight Per Dozen 125 Pounds.
One Dozen in a Box.

MALLETs

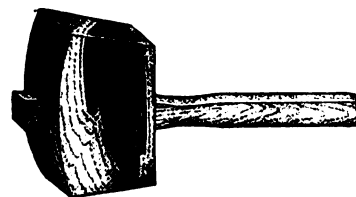
SQUARE



Hickory, Mortised Hardwood Handle.

Nos.	9
Length, Inches	6 1/2
Face, Inches	2 3/4 x 3 3/4
Handle, Inches	13
Weight Per Dozen, Lbs.	21 1/2
Per Dozen	\$5.00

Open Stock.

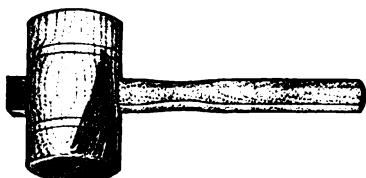


Lignumvitae, Mortised Hardwood Handle.

Nos.	10	11	12	13
Length, Inches	7	6	6 1/2	7
Face, Inches	3x4	2 1/2 x 3 1/2	2 3/4 x 3 3/4	3x4
Handle, Inches	13	10 1/2	13	13
Weight Per Dozen, Lbs.	24	22	31	36
Per Dozen	6.00	\$8.00	10.00	11.50

Open Stock.

ROUND



Lignumvitae, Mortised Hardwood Handle.

Nos.	5	6	7
Length, Inches	5	5 1/2	6
Diameter, Inches	3	3 1/2	4
Handle, Inches	10 1/2	13	13
Weight Per Dozen, Lbs.	19	29	44
Per Dozen	\$6.50	8.50	10.50

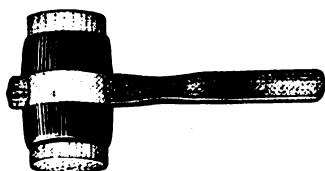
Open Stock.



Iron Body, Hickory Ends, Mortised Hardwood Handle.

No.	15
Length, Inches	4
Diameter, Inches	2 1/2
Handle, Inches	10 1/2
Weight Per Dozen, Lbs.	34
Per Dozen	\$7.50

Open Stock.



Malleable Iron Socket, Hickory Ends, Mortised Hardwood Handle.

No.	16
Length, Inches	5 1/2
Diameter, Inches	3
Handle, Inches	12
Weight Per Dozen, Lbs.	43 1/2
Per Dozen	\$14.50

Open Stock.



Vulcanized Fibre Heads, Riveted Malleable Iron Bands, Kiln Dried Body and Handle, Handle Screws In.

Nos.	02 1/2	03
Length, Inches	5 1/2	6
Diameter, Inches	2 1/2	3
Weight Per Dozen, Lbs.	21	26
Per Dozen	\$11.50	14.00

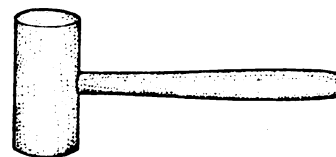
Open Stock.

TINNERS'



Round, Hickory, Mortised Hardwood Handle.

Nos.	20	21
Length, Inches	5 1/2	5 1/2
Diameter, Inches	2 1/4 to 2 1/2	2 3/4
Per Dozen	\$2.00	2.20

Average Weight Per Dozen 11 Pounds.
Open Stock.

Round, Second Growth Hickory, Mortised Hardwood Handle.

Nos.	0	1	2	3
Length, Inches	5 1/2	5 1/2	5 1/2	5 1/2
Diameter, Inches	2 1/4	2 1/2	2 3/4	3
Per Dozen	\$2.70	2.70	3.30	3.70

Average Weight Per Dozen 14 Pounds.
Open Stock.

MANUAL TRAINING BENCHES



No. 13.

No. 13 — With Two Saw Cut Threaded Screw Wood Vises, as Illustrated	Each
No. 13A — With Nos. 1 and 1D Christiansen Continuous Screw Vises	\$22.40
No. 13B — With Two Christiansen Steel Screw Vises	29.75
No. 13C — With No. 70 Abernathy Roller Nut Rapid Acting Continuous Screw Vise on Front	28.00
No. 13D — With No. 7 Harriman Rapid Acting Vise on Front	28.00
No. 13E — With No. 20 Toles Rapid Acting Vise on Front	37.35

Average Shipping Weight 160 Pounds.

Equipped with High Back, Tool Recess and Holes Mortised for Stops Along the Front.

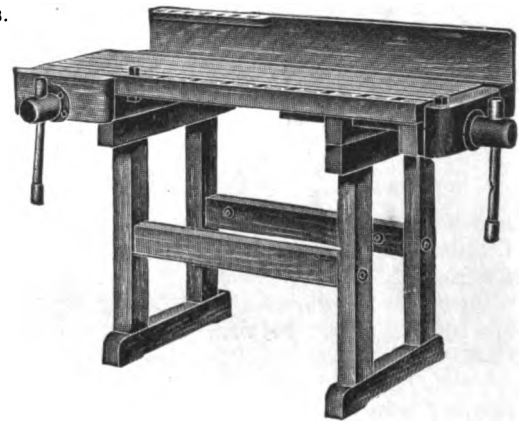
The Top is Shellacked and the Frame is Oiled. General Construction is Same as Above Benches.

Dimensions.

Height—32 inches.	Tool Recess—8 ½ inches wide.
Top—48x22x1 ¾ inches.	Working Top—13 ½ inches wide.
Length Over All—56 inches.	

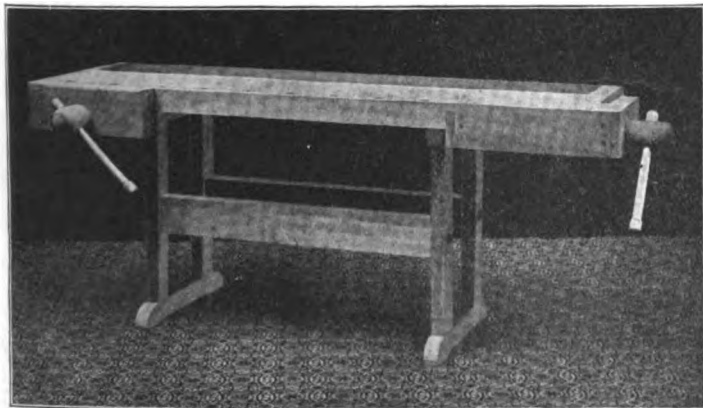
No. 4 — With Two Maple Wood Screw Vises, as Illustrated	Each
No. 4A — With Nos. 1 and 1D Christiansen Continuous Screw Vises	\$14.00
No. 4C — With No. 70 Abernathy Roller Nut Rapid Acting Continuous Screw Vise on Front	21.35
No. 4D — With No. 7 Herriman Rapid Acting Vise on Front	20.00
No. 4E — With No. 20 Toles Rapid Acting Vise on Front	20.00
	25.35

Average Shipping Weight 110 Pounds.



No. 4.

CABINET MAKERS' BENCHES



These Benches are built especially substantial of Hard White Northern Maple, thoroughly seasoned, with 2x3 inch legs.

They have extra heavily glued and well finished maple working tops, 16 inches wide.

Equipped with two clear white Hard Maple Vises.

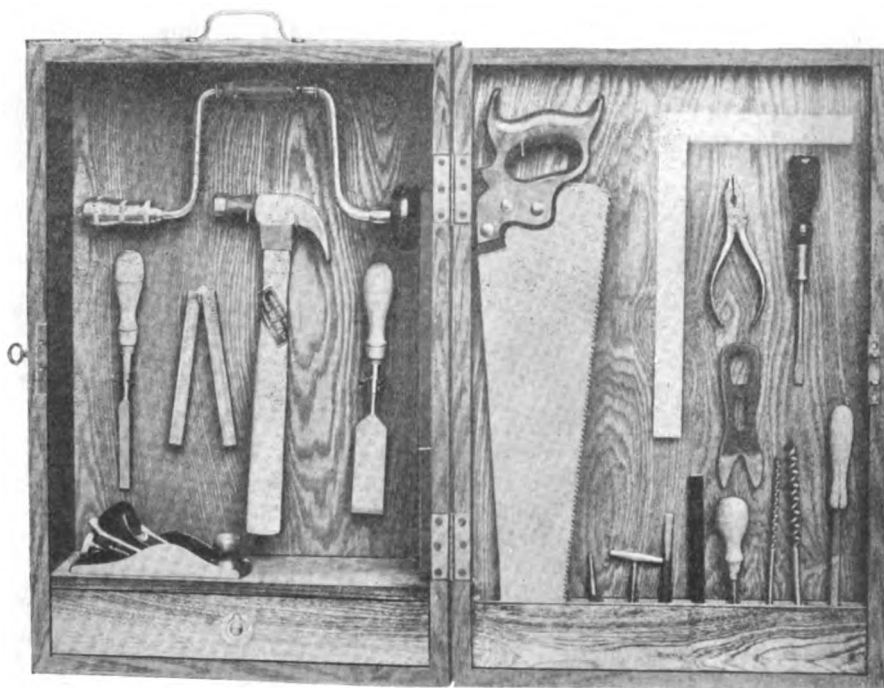
Tool Recess 10 inches Wide.

Without Bench Stops.

Nos.	1	1A	1B	1C
Top, Inches	78x24	84x24	84x30	66x24
Height, Inches	34	34	34	34
Shipping Weight Each, Lbs.	180	200	210	150
Each	\$20.60	22.40	24.30	18.70

TOOL CABINETS

MADE OF SELECTED ASH, ANTIQUE FINISH, FILLED, VARNISHED AND DOVETAILED.



Contents: 18 Articles, as Follows:

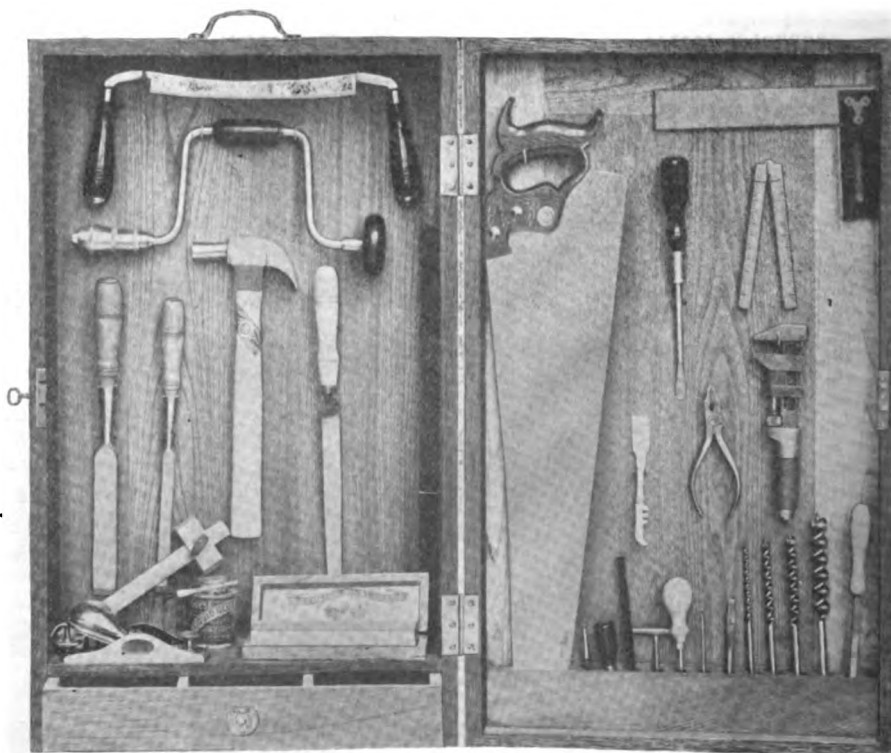
- 1 Reliance Panel Saw, 18 inch.
- 1 Brace No. 510.
- 1 Adze Eye Hammer No. 140.
- 1 Witherby Pocket Chisel, $\frac{1}{2}$ inch.
- 1 Witherby Pocket Chisel, 1 inch.
- 1 Block Plane No. 220.
- 1 Two Foot Rule.
- 1 Nickel Plated Square, 12 inch.
- 1 Nickel Plated Combination Plier, $5\frac{1}{2}$ inch.
- 1 Champion Screw Driver, 5 inch.
- 1 Alligator Wrench.
- 1 Nail Set.
- 1 Nail Gimlet.
- 1 Pencil.
- 1 Scratch Awl.
- 1 Challenge Auger Bit, $\frac{1}{4}$ inch.
- 1 Challenge Auger Bit, $\frac{1}{2}$ inch.
- 1 Double Ender File, 8 inch.

No. 400—21 inches High, $12\frac{3}{4}$ inches Wide, 5 inches Deep, Inside Measurements, with $12 \times 3\frac{1}{4} \times 2$ inch Drawer, Complete as Described Above..... **Each \$12.00**

One in a Crate.

Contents: 29 Articles, as Follows:

- 1 Geneva Panel Saw, 22 inch.
- 1 Plumb Adze Eye Hammer No. 1 $\frac{1}{2}$.
- 1 Brace No. 510.
- 1 Witherby Drawing Knife, 9 inch.
- 1 Witherby Socket Firmer Chisel, $1\frac{1}{2}$ inch.
- 1 Witherby Socket Firmer Chisel, 1 inch.
- 1 Black Diamond Mill File, 8 inch.
- 1 Black Diamond Double Ender, 8 inch.
- 1 Marking Gauge.
- 1 Can Glue.
- 1 Bailey Block Plane No. 18.
- 1 Mounted Oil Stone.
- 1 Stanley Try Square, $7\frac{1}{2}$ inch.
- 1 Champion Screw Driver, 5 inch.
- 1 Two Foot Rule.
- 1 Monkey Wrench, 8 inch.
- 1 Nickel Plated Combination Plier, $5\frac{1}{2}$ inch.
- 1 Glass Cutter.
- 4 Challenge Auger Bits.
- 1 Screw Driver Bit.
- 1 Gimlet Bit.
- 1 Scratch Awl.
- 1 Nail Gimlet.
- 1 Pencil.
- 1 Pony Screw Driver, $1\frac{1}{4}$ inch.
- 1 Nail Set.

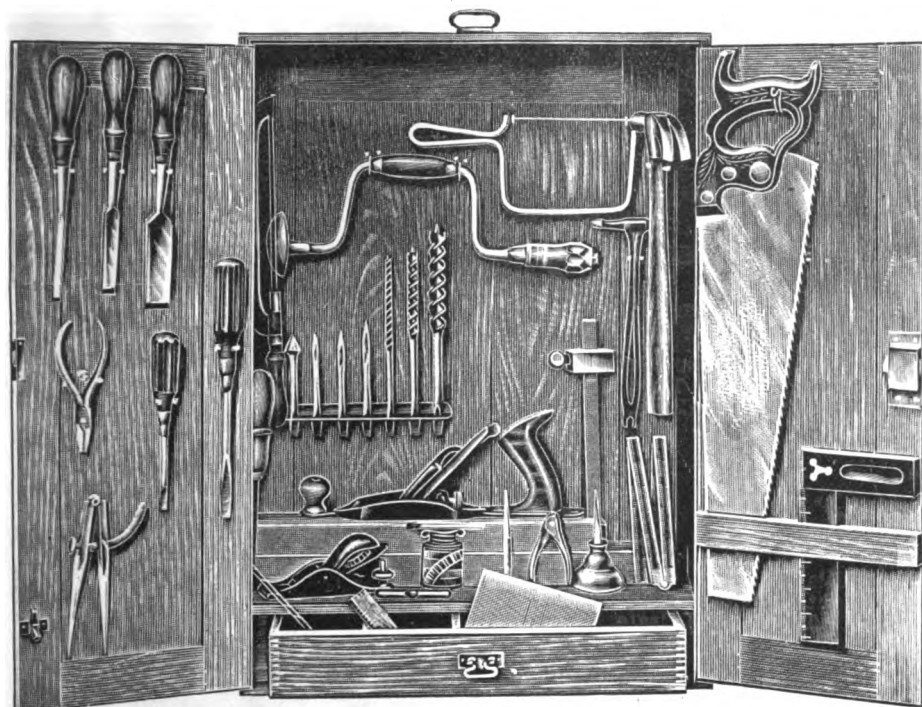


No. 410—28 $\frac{1}{2}$ inches High, $15\frac{1}{2}$ inches Wide, 7 inches Deep, Inside Measurements, with $15 \times 5 \times 2$ inch Drawer, Complete with 29 Articles as Described Above..... **Each \$20.00**

One in a Crate.

TOOL CABINETS

MADE OF SELECTED ASH, ANTIQUE FINISH, FILLED, VARNISHED AND DOVETAILED



Contents: 36 Articles, as Follows:

- 1—No. D8—20 inch Panel Saw.
- 1—Coping Saw.
- 1—No. 1½ Plumb's Adze Eye Hammer.
- 1—No. 2 Adze Eye Tack Hammer.
- 1—No. 422—10 inch Ratchet Bit Brace.
- 1—9 inch Witherby's Drawing Knife.
- 3—No. 150 Witherby's Beveled Edge Socket Firmer Chisels with Leather Capped Handles, 1 Each ¼, ½ and 1 inch.
- 1—No. 18—6 inch Iron Block Plane.
- 1—No. 26—15 inch Wood Bottom Jack Plane.
- 1—8 inch Black Diamond Mill File.
- 1—8 inch Black Diamond Double Ender File.
- 1—No. 65 Boxwood Marking Gauge.
- 1—No. 20—6 inch Try Square.
- 1—Nail Set.
- 1—No. 111—5 inch Village Blacksmith Screw Driver.
- 1—Pony Screw Driver.
- 1—No. 61—2 foot Boxwood Rule.
- 1—8 inch Monkey Wrench.
- 1—8 inch Wing Divider.
- 6—Challenge Auger Bits, 1 Each ¼, ⅜, ½, ¾ and 1 inch.
- 1—No. 1 Screw Driver Bit.

- 1—No. 2 Scratch Awl.
- 1—No. 2 Metal Head Nail Gimlet.
- 1—7 inch Whitewood Carpenters' Pencil.
- 1—No. 5002—6 inch Combination Plier.

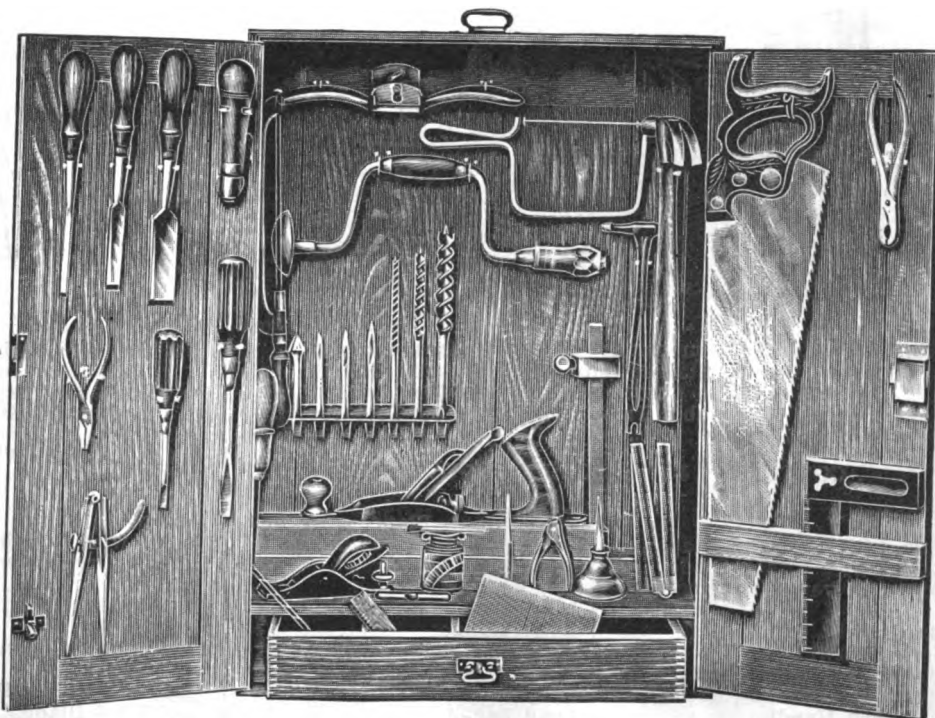
- 1—No. 50—6 inch Side Cutting Plier.
- 1—7 inch Washita Mounted Oil Stone.
- 1—3x5 inch Cabinet Scraper.
- 1—Can Glue.

No. 420—28½ inches High, 24 inches Wide, 8 inches Deep, Inside Measurements, with 21x5x3 inch Drawer, Complete with 36 Articles as Described Above. Each \$32.00

Contents: 42 Articles, as Follows:

- 1—No. D100—22 inch Panel Saw.
- 1—No. 175 Nickel Plated Extension Hack Saw.
- 1—No. 100 Coping Saw.
- 1—No. 21 Plumb's Nickel Plated Adze Eye Hammer.
- 1—No. 2 Adze Eye Tack Hammer.
- 1—No. 7010—10 inch Ratchet Bit Brace.
- 1—No. 52 Iron Spoke Shave.
- 1—9 inch Witherby's Drawing Knife.
- 3—Witherby's Beveled Edge Socket Firmer Chisels with Leather Capped Handles, 1 Each ¼, ½ and 1 inch.
- 1—No. 18—6 inch Iron Block Plane.
- 1—No. 27—15 inch Wood Bottom Jack Plane.
- 1—10 inch Black Diamond Mill File.
- 1—8 inch Black Diamond Double Ender File.
- 1—No. 111—4 inch Village Blacksmith Screw Driver.
- 1—No. 111—6 inch Village Blacksmith Screw Driver.
- 1—No. 50—8 inch Wing Divider.
- 1—No. 105 Tool Handle with 10 Tools.
- 1—No. 50—6 inch Side Cutting Plier.
- 1—6 inch Gas Plier.
- 6—Challenge Auger Bits, 1 Each ¼, ⅜, ½, ¾ and 1 inch.
- 3—Drill Bits for Wood, 1 Each 4/32, 6/32 and 8/32 inch.
- 1—Rose Head Reamer.
- 1—No. 65 Marking Gauge.
- 1—No. 62—2 foot Brass Bound Boxwood Rule.
- 1—7x2x1 inch Mounted Washita Oil Stone.
- 1—No. 20—7½ inch Try Square.
- 1—8 inch Monkey Wrench.

- 1—3x6 inch Cabinet Scraper.
- 1—No. 1 Socket Scratch Awl.
- 1—7 inch Polished Carpenters' Pencil.
- 1—No. 370, Cast Steel Screw Driver Bit.
- 1—Fine Oiler.
- 1—Can Glue.



No. 480—28½ inches High, 24 inches Wide, 8 inches Deep, Inside Measurements, with 21x5x3 inch Drawer, Complete with 42 Articles as Described Above. Each \$40.00

BOYS' TOOL CHESTS

FAVORITE



No. 2800—Inside Dimensions 18x8½x6¾ inches, Hinged Cover, Brown Stained Moulding, Outside Finish Dark Rich Wine Color, Bronzed Handles, Locked Corners, Removable Tray, Containing 29 Tools, as Described Below.....**\$3.50** Each

CONTENTS: 29 ARTICLES, AS FOLLOWS:

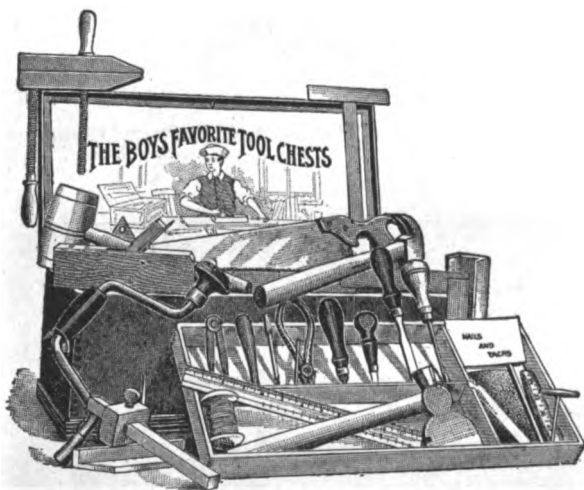
Mallet, with 2½ inch Head.
Hammer, Polished Head.
Twelve inch Rule.
Crayon.
Nails and Tacks.
Chisel with 5 inch Blade.
Screw Driver, Enamelled Handle.

Lead Pencil.
Mitre Box.
Mitre Gauge.
Brad Awl.
Metal Head Gimlet.
Pair Pliers.
Spirit Level.
Saw with 10 inch Blade.

Smoothing Plane, 2 inch.
T Square.
Try Square.
Triangle.
Sandpaper.
Brace.
Bit.
Hand Screw, 6 inch.

Nail Set.
Tape Line.
Chalk Line and Reel.
Tack Claw, Polished.
Round Marking Gauge.
Hatchet, with Gilt and Polished Blade.

Weight Per Crate 128 Pounds.
Twelve in a Crate.



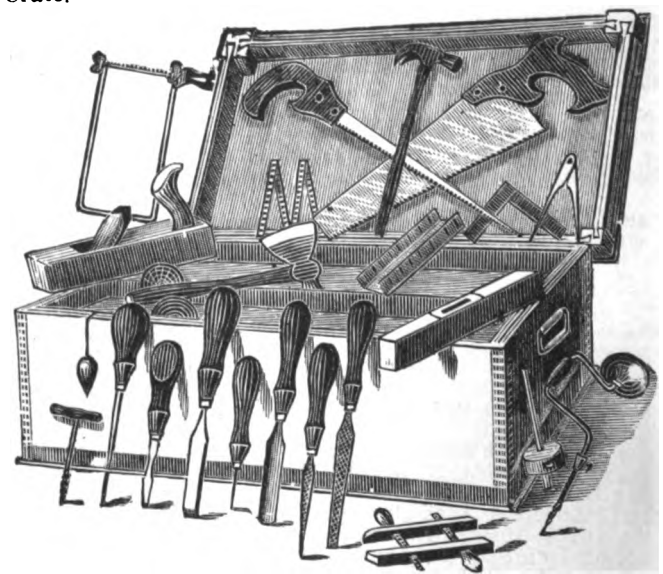
No. 2900—Inside Dimensions 19x9x7 inches, Hinged Cover, Brown Stained Moulding, Outside Finish Dark Rich Wine Color, Bronzed Handles, Locked Corners, Removable Tray, Containing 33 Tools as Described Below**\$5.00** Each

CONTENTS: 33 ARTICLES, AS FOLLOWS:

Brace.
S. D. Bit.
Saw with 12 inch Blade.
Chisel with 5 inch Blade.
Screw Driver, Enamelled Handle.
Brad Awl.
Scratch Awl.
Mallet, 2¾ inch Head.
Hammer, Polished Head, 12 inch Handle.
Hatchet, 2¾ inch Head.
Tape Line.
Hand Screw, 7 inch.
Chalk Line with Reel.
Marking Gauge with inches.
Oil Can.
Nail Set.
Jig Saw.

Level.
Smoothing Plane, 2 inch, Shaped and Trimmed.
T Square.
Try Square.
Mitre Box.
Mitre Gauge.
Triangle.
Sand Paper.
Crayon.
Lead Pencil.
Pair Pliers.
Pair Dividers.
Metal Head Gimlet.
Polished Tack Puller.
Hardwood Rule with English and Metric Scale.
Nails and Tacks.

Weight Per Crate 87 Pounds.
Six in a Crate.



No. 3000S—Inside Dimensions 20x9½x7½ inches, Hinged Cover, Brown Stained Moulding, Outside Finish Dark Rich Wine Color, Bronzed Handles, Locked Corners, Removable Tray, Containing 36 Tools as Described Below.....**\$6.50** Each

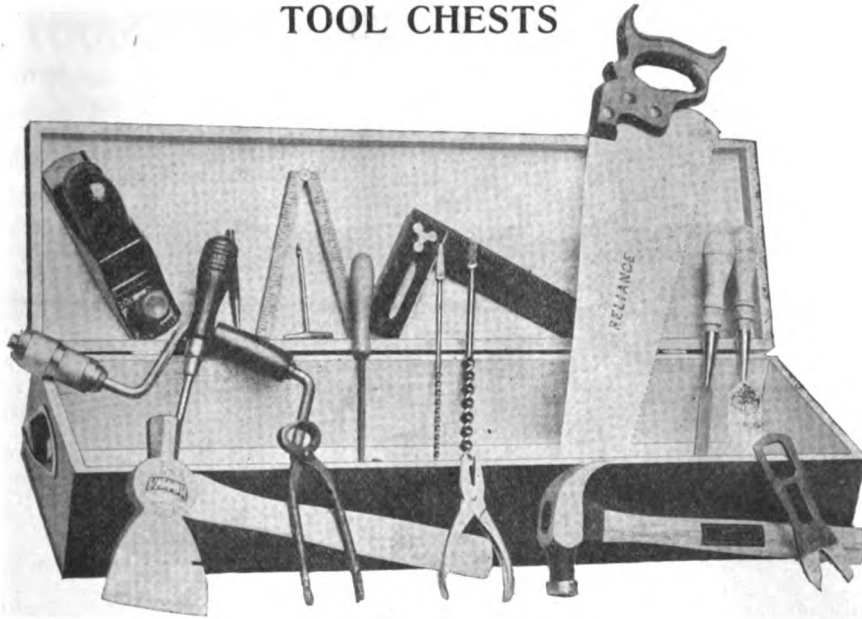
CONTENTS: 36 ARTICLES, AS FOLLOWS:

Brace.
S. D. Bit.
Saw with 12 inch Blade.
Chisel with 5 inch Blade.
Screw Driver with Fluted Handle.
Brad Awl with Square Shank.
Scratch Awl.
Hammer, Polished Head, 12 inch Handle.
Hatchet, with Gilt and Polished Blade.
Mallet, 2¾ inch Head.
Tape Line.
Hand Screw, 7 inch.
Bench Vise, 8 inch.
Chalk Line and Reel.
Marking Gauge with inches.
Oil Can.
Spirit Level, 12 inch.

Jig Saw.
Smoothing Plane, 2 inch.
Jack Plane, 12 inch.
T Square.
Try Square.
Mitre Box.
Mitre Gauge.
Triangle.
Sand Paper.
Nails and Tacks.
Crayon.
Lead Pencil.
Pair Pliers.
Pair Pincers.
Pair Dividers.
Metal Head Gimlet.
Polished Tack Puller.
Nail Set.
Hardwood Rule with English and Metric Scale.

Weight Per Crate 112 Pounds
Six in a Crate.

TOOL CHESTS

No. 2.
Each

No. 1—27 inches Long, 8 inches Wide, 4 inches Deep.
Complete with 20 Articles as Described Below.....\$6.00

CONTENTS: 20 ARTICLES, AS FOLLOWS:

1 Eureka Panel Saw.	1 Bailey Block Plane, No. 110.
1 A. E. Nickel Plated Hammer.	1 Two Foot Rule.
1 Brace, No. 208.	1 Auger B't, 1/4 inch.
1 Fox Steel Try Square, 6 inch.	1 Auger Bit, 1/2 inch.
1 All Steel Claw Hatchet.	1 Double Ender File, 8 inch.
1 Whitherby Tanged Chisel, 1/2 inch.	1 Carpenter's Pincers, 6 inch.
1 Whitherby Tanged Chisel, 1 inch.	1 Lodi Pliers, 4 inch.
1 Screw Driver No. 1, 4 inch.	1 Alligator Wrench.
	1 Nail Set.
	1 Nail Gimlet.
	1 Tack Claw.
	1 Handled Brad Awl.

One in a Crate.

No. 1C—Chest Only, without Tools, 27 inches Long, 8 inches Wide, 4 inches Deep.....\$1.50

MODEL "C" YOUTHS'



Made of Selected Hardwood, Blind Dovetailed Corners, Antique Finish, Filled and Varnished, One Lifting Tray, End Handles, with Lock and Key.

Inside Measurements.

Nos.	25	26	27	28
Length, Inches	18	20	22	24
Width, Inches	9	10	12	12 1/2
Depth, Inches	7	8	9	10
Weight Each Crated, Lbs.	27	30	33	36
Each	\$5.40	6.00	6.60	7.20

One in a Crate.

No. 2—27 inches Long, 8 inches Wide, 4 inches Deep.
Complete with 20 Articles as Described Below.....\$7.50

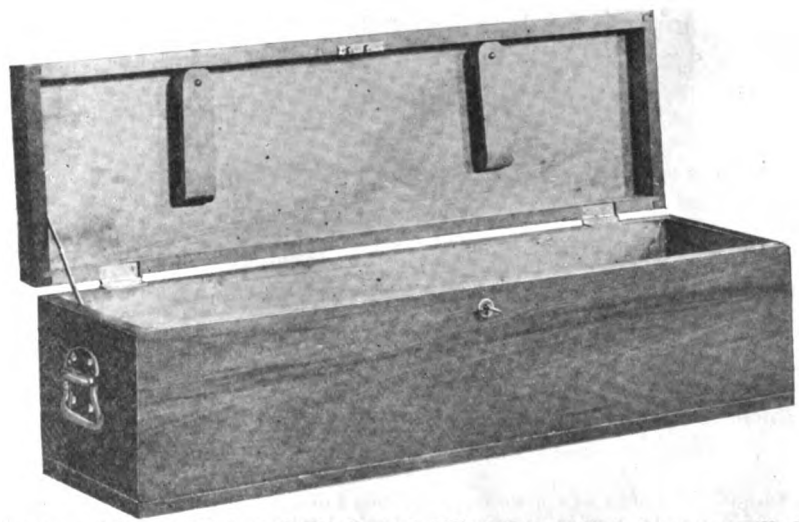
CONTENTS: 20 ARTICLES, AS FOLLOWS:

1 Reliance Panel Saw, 18 inch.	1 Columbia Screw Driver, 5 inch.
1 A. E. Cast Steel Hammer.	1 Challenge Auger Bit, 1/4 inch.
1 Brace No. 210.	1 Challenge Auger Bit, 1/2 inch.
1 Bronzed Cast Steel Hatchet.	1 Double Ender File, 8 inch.
1 Whitherby Pocket Chisel, 1/2 inch.	1 Carpenter's Pincers, 6 inch.
1 Whitherby Pocket Chisel, 1 inch.	1 Lodi Pliers, 5 inch.
1 Stanley Try Square, 7 1/2 inch.	1 Alligator Wrench.
1 Bailey Block Plane, No. 220.	1 Nail Set.
1 Two Foot Rule.	1 Nail Gimlet.
	1 Tack Claw.
	1 Handled Brad Awl.

Each

No. 2C—Chest Only, without Tools, 27 inches Long, 8 inches Wide, 4 inches Deep.....\$1.50

CARPENTERS' SHOULDER



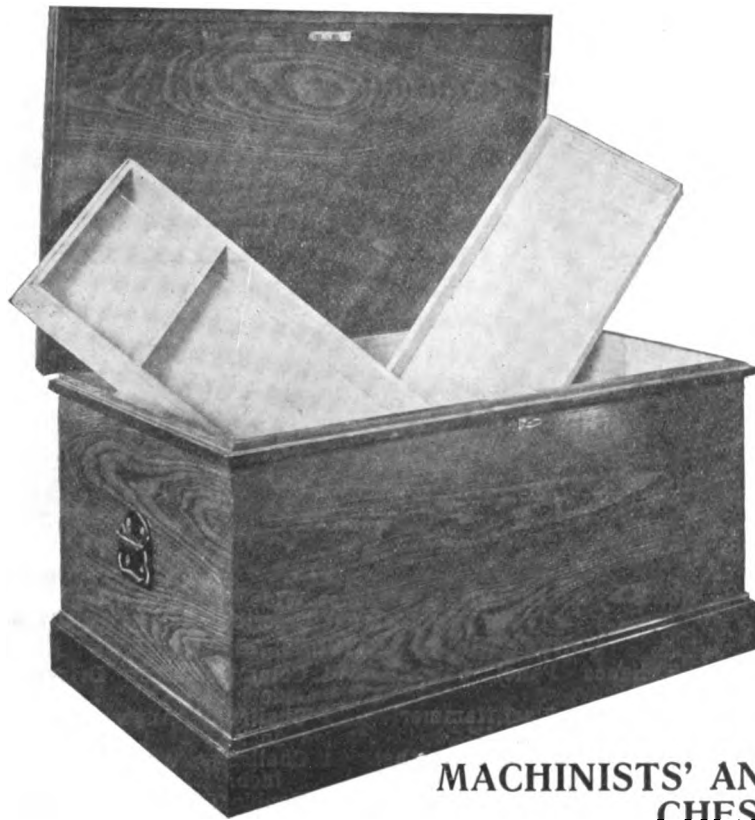
Made of Selected Hardwood, Blind Dovetailed Corners, Filled and Varnished, with Brass Elbow-Hinge, Saw Rack,

Hasp, Padlock and Handles.

No. 31—32 inches Long, 8 inches Wide, 8 inches Deep,
Inside Measurements, Weight Each Crated 32 Lbs.. \$4.80

One in a Crate.
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CARPENTERS' TOOL CHESTS



MODEL A

Made of Selected Hardwood, Blind Dovetailed Corners, Antique Finish, Filled and Varnished.

With Two Sliding Trays, Saw Rack, Good Lock with Key and End Handles.

Inside Measurements.

Nos.	15	16	17
Inside Length, Inches.....	28	31	32
Inside Width, Inches.....	15	16	18
Inside Depth, Inches.....	14	14	16
Weight Each Crated, Lbs....	42	55	65
Each	\$10.20	11.40	12.60

MODEL B

Made of Selected Hardwood, Blind Dovetailed Corners, Filled and Varnished.

With One Sliding Tray, Lock with Key and End Handles.

Inside Measurements.

Nos.	20	21	22
Inside Length, Inches.....	28	31 1/2	32
Inside Width, Inches.....	14	16	18
Inside Depth, Inches.....	9 1/2	9 1/2	12
Weight Each Crated, Lbs....	50	52	56
Each	\$6.60	7.20	9.00

One in a Crate.

MACHINISTS' AND JEWELERS' CHESTS



No. 33.

Made of Selected Red Gum or Ash, with Mahogany Panels, Finely Hand Finished, Brass Pulls and Hinges, Brass Elbow Hinge to Support Cover, Brass Angles to Strengthen Corners, with Brass Yale Pattern Lock and 2 Keys.

Provided with an Automatic Locking Device that Locks All Drawers by Closing the Cover.

No. 33—Outside Dimensions, 20 inches Long, 12 inches Wide, 10 inches Deep; Receptacle Under Lid, 18 inches Long, 10 inches Wide, 3 inches Deep; First Drawer, 17 inches Long, 10 inches Wide, 1 1/2 inches Deep; Second Drawer, 17 inches Long, 10 inches Wide, 2 1/4 inches Deep; Weight Each Crated 30 Lbs. \$10.20

Each



No. 34—Style of No. 35.

No. 34—Outside Dimensions, 24 inches Long, 14 1/2 inches Wide, 13 inches Deep; Receptacle Under Lid, 21 inches Long, 11 1/2 inches Wide, 3 inches Deep; First Drawer, 20 inches Long, 10 1/2 inches Wide, 1 inch Deep; Second Drawer, 20 inches Long, 10 1/2 inches Wide, 1 1/2 inches Deep; Third Drawer, 20 inches Long, 10 1/2 inches Wide, 2 1/2 inches Deep; Weight Each Crated 56 Lbs. \$12.00

Each

No. 35—Outside Dimensions, 30 inches Long, 14 1/2 inches Wide, 13 inches Deep; Receptacle Under Lid, 27 inches Long, 11 1/2 inches Wide, 3 inches Deep; First Drawer, 26 inches Long, 10 inches Wide, 1 inch Deep; Second Drawer, 26 inches Long, 10 inches Wide, 1 1/2 inches Deep; Third Drawer, 26 inches Long, 10 inches Wide, 2 1/2 inches Deep; Weight Each Crated 52 Lbs. \$14.40

MACHINISTS', TOOL MAKERS' AND PATTERN MAKERS' TOOL CASES

These Cases are made of Quartered Oak, Golden Oak Finish. The Fronts of the Drawers and the Inside of the Lid are made of Cherry, Handsomely Finished. The Drawers have Polished Brass Knobs and Bottoms Lined with Felt. Each Case has a Cylinder Lock with Two Keys, a Fine Leather Handle and Polished Lacquered Brass Corners.



Nos. 60, 62 and 64. Opened.



Nos. 60, 62 and 64. Closed.

No. 60—Outside Dimensions, 14½ inches Long, 9 inches High, 7¾ inches Wide, 5 Drawers, Inside Dimensions of Drawers as Follows: Shipping Weight Each 12 Lbs. **\$10.80** Each

Drawer Numbers	1	2	3	4	5
Length, Inches	12 ½	12 ½	12 ½	12 ½	12 ½
Depth, Inches	5 ¾	5 ¾	5 ¾	5 ¾	5 ¾
Height, Inches	1 ½	1 ½	1 ½	1 ½	1 ½

No. 62—Outside Dimensions, 16½ inches Long, 10 inches High, 7¾ inches Wide, 5 Drawers, Inside Dimensions of Drawers as Follows: Shipping Weight Each 14 Lbs. **\$12.60** Each

Drawer Numbers	1	2	3	4	5
Length, Inches	14 ½	14 ½	14 ½	14 ½	14 ½
Depth, Inches	5 ¾	5 ¾	5 ¾	5 ¾	5 ¾
Height, Inches	¾	¾	1	1 ½	3

One in a Crate.

No. 64—Outside Dimensions, 18 inches Long, 11 inches High, 8¾ inches Wide, 5 Drawers, Inside Dimensions of Drawers as Follows: Shipping Weight Each 17 Lbs. **\$14.40** Each

Drawer Numbers	1	2	3	4	5
Length, Inches	16 ½	16 ½	16 ½	16 ½	16 ½
Depth, Inches	6 ¾	6 ¾	6 ¾	6 ¾	6 ¾
Height, Inches	¾	¾	1	1 ½	3



No. 66 and 68. Opened.

No. 66—Outside Dimensions, 16½ inches Long, 10 inches High, 7¾ inches Wide, 6 Drawers, Inside Dimensions of Drawers as Follows: Shipping Weight Each 14 Lbs. **\$14.40** Each

Drawer Numbers	1	2	3	4	5	6
Length, Inches	6 ¾	6 ¾	6 ¾	14 ½	14 ½	14 ½
Depth, Inches	5 ¾	5 ¾	5 ¾	5 ¾	5 ¾	5 ¾
Height, Inches	1 ¾	¾	¾	1	1 ½	3

One in a Crate.



Nos. 66 and 68. Closed.

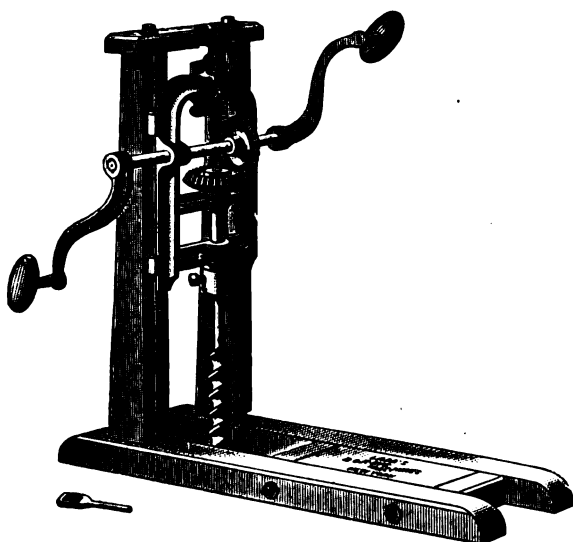
No. 68—Outside Dimensions, 18 inches Long, 11 inches High, 8¾ inches Wide, 6 Drawers, Inside Dimensions of Drawers as Follows: Shipping Weight Each 17 Lbs. **\$16.20** Each

Drawer Numbers	1	2	3	4	5	6
Length, Inches	7 ½	7 ½	7 ½	16 ½	16 ½	16 ½
Depth, Inches	6 ¾	6 ¾	6 ¾	6 ¾	6 ¾	6 ¾
Height, Inches	2 ½	¾	¾	1	1 ½	3

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BORING MACHINES

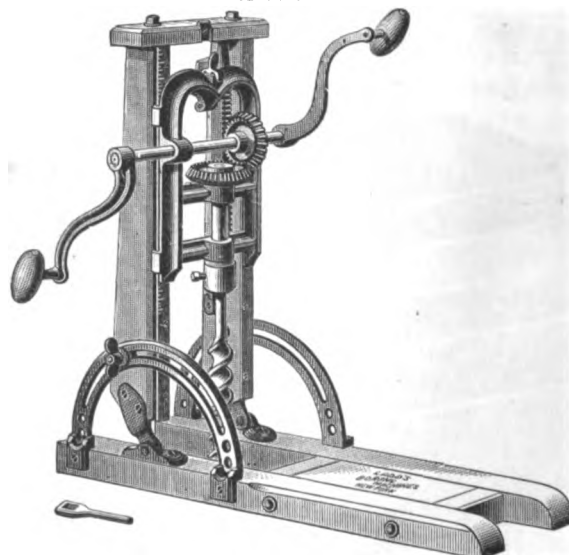
UPRIGHT



- No. 20—24 inches High, 29x7½ inch Base, Wood Base and Uprights, Japanned Iron Gears and Cranks, Graduated Ways, without Augers.....\$ 6.75
 No. 25—Same as No. 20, but with 3 Augers, One Each 1, 1½ and 2 inches..... 10.00
 Weight Each Boxed 50 Pounds.
 One in a Box.

Each

ANGULAR



- No. 30—25 inches High, 29x7½ inch Base, Wood Base and Uprights, Japanned Iron Gears and Cranks, Graduated Ways, without Augers.....\$ 7.25
 No. 35—Same as No. 30, but with 3 Augers, One Each 1, 1½ and 2 inches..... 10.50
 Weight Each Boxed 55 Pounds.
 One in a Box.

Each

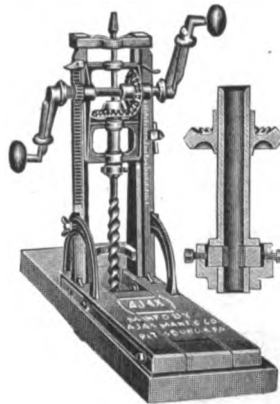
PHILLIPS' SELF-WITHDRAWING



- No. 11—26½ inches High, 30x8 inch Base, Adjustable Malleable Iron Cranks, Wood Base and Frame, without Augers.....\$ 9.50
 No. 18—Same as No. 11, but with 3 Augers, One Each 1, 1½ and 2 inches..... 13.00
 Note—Furnished for Round or Square Shank Augers.
 Weight Each 50 Pounds.
 One in a Box.

Each

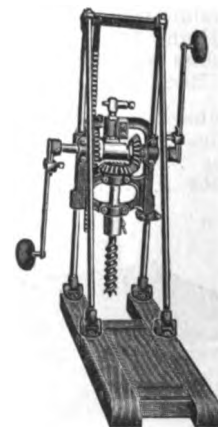
AJAX SELF-WITHDRAWING



- No. 15—22 inches High, 28x7½ inch Base, Malleable Iron Arch and Cranks, Wood Base, Graduated Ways, Takes Any Style Auger or Brace Bit, Round or Square Shank, without Augers....\$10.00
 No. 16—Same as No. 15, but with 3 Augers, One Each 1, 1½ and 2 inches..... 12.00
 Weight Each, Boxed, 45 Pounds.
 One in a Box.

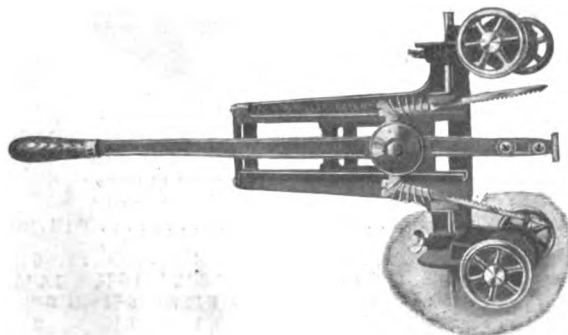
Each

MILLERS FALLS



- No. 145—25 inches High, Steel Upright and Angle Rods, Spindle and Cranks, Wood Base, Bores Vertically or at Any Angle from the Vertical within an Arc of 50 Degrees, Regularly Made to Bore 12 inches, without Augers....\$13.50
 Weight Each, Boxed, 45 Pounds.
 One in a Box.

Each



LOCK MORTISERS

- Miller's—Complete with 5 Double Edge Tool Steel Cutters, Covering Locks from ½ to 1½ inches Thick, Cutting Different Lengths of Openings, and Clamps for Holding Machine on the Work. Clamps are Provided with Pads to Prevent Marring the Door.....\$25.00

Each

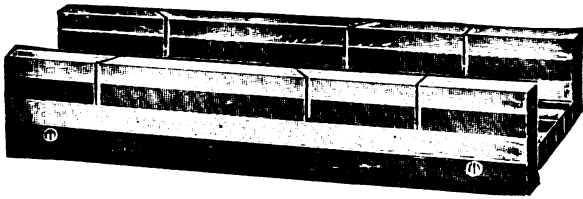
With this Mortiser thin doors are handled as easily as thick doors. Works equally well in hard and soft wood, making a perfect, clear and true job.

Weight Each 12 Pounds.

One in a Box.

MITRE BOXES

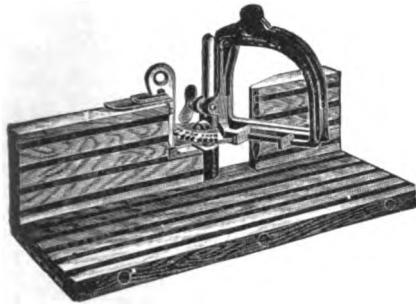
JENNINGS.



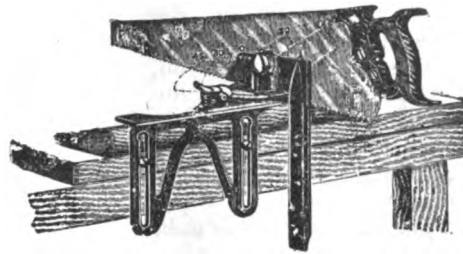
Beechwood and Black Walnut Strips Glued Together, with Mitre and Straight Cuts.

Nos.	10	20
Length, Inches	12	18
Width, Inches	2 7/8	3 3/8
Height Inside, Inches.....	2 1/8	2 5/8
Weight Per Dozen, Lbs.....	24	36
Per Dozen	\$9.60	14.50

Open Stock.



STEARNS' FOLDING



No. 1—Without Saw, Graduated Plate, Hardened Steel Indexing Lever, Black Japanned Frame, Nickel Plated Parts \$3.25
Very compact. When folded flat it occupies a space of only 8 3/4 x 8 1/2 x 2 7/8 inches. The saw guide may be adjusted to accommodate any thickness of saw. Any ordinary saw may be used.

Weight Each 3 Pounds.
One in a Box.

PERFECTION

Perfection—Box Made of Inlaid Fancy Wood, Highly Finished, Japanned and Nickel Trimmings, Any Saw May be Used, Back, Panel or Hand.....\$4.00
The saw guide can be instantly set and rigidly held by the set screw at any angle wanted. To facilitate such adjustment with accuracy, notice the projecting gauge points for setting against a "T," or angle bevel.

By means of the sliding key (exactly adjusted between bearings) the saw guide can be set to the angles more commonly used, indicated on the dial by the letters M, P, H, O, W, R, W, O, H, P, M, viz.: R, right angle or square cut, M, mitre, or 45 degree. P, pentagon, or 36 degrees. H, hexagon, or 30 degrees. O, octagon, or 22 1/2 degrees. W, to match usual door and window sill pitch, 9 degrees.

Weight Each 3 Pounds.
One in a Box.

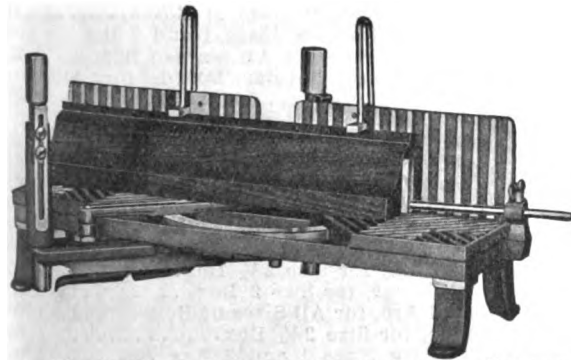
MARSH AYER.

Iron and Steel Construction, Dull White Nickel Finish.
Principal Features.

Heavy One-Piece Frame, Back and Plates, Solid Steel Saw Guides, Length Gauges for Pieces Up to 18 inches Long. Stock Gauges for Crown Moulding. Graduated Arc. Detents for Holding Saw Elevated. Lock for Fastening Lever at Any Point.

With Saw.

Nos.	24A	26A	28B	30B
Capacity at Right Angles, In.	10 1/4	10 1/4	10 1/4	10 1/4
Capacity at Mitre, Inches...	7	7	7	7
Size of Saw, Inches.....	24x4	26x4	28x5	30x5
Weight Each Crated, Lbs...	38	38	39	39
Each	\$18.40	18.80	20.65	21.00

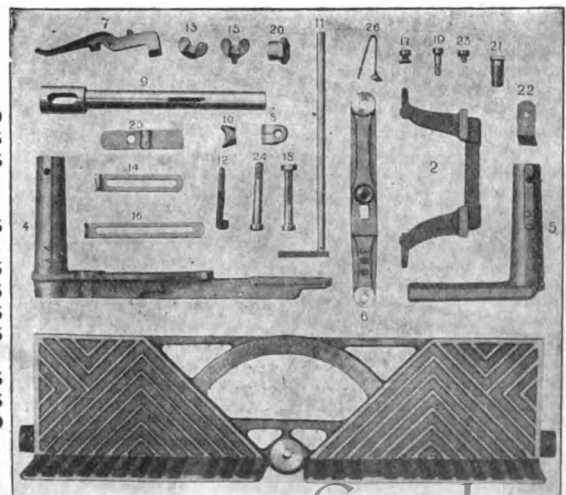


The Bed has ribs raised 1/8 inch above the surface, thus allowing a perfect clearance for sawdust under as well as behind the work. They are so arranged that they will grip the work, and without marring it, will prevent it from slipping.

One in a Box.

EXTRA PARTS FOR MARSH AYER MITRE BOXES

No. 1—Frame	Each \$3.40	No. 14—Stock Gauge	\$0.30
No. 2—Leg .....	.30	No. 15—Thumb Screw .....	.15
No. 4—Lever, 5 inch.....	2.10	No. 16—Saw Gauge .....	.25
No. 4—Lever, 4 inch.....	2.00	No. 17—Stop Nut and Screw..	.25
No. 5—Extension, 5 inch....	1.30	No. 18—Pivot Screw and Nut, 1/8 inch .....	.25
No. 5—Extension, 4 inch....	1.15	No. 19—Gib Screw, 1/4 inch..	.15
No. 6—Gib .....	.55	No. 20—Hex. Clamping Nut..	.25
No. 7—Latch .....	.55	No. 21—Clamping Bolt .....	.15
No. 8—Clamp .....	.25	No. 22—Latch Catch Spring..	.15
No. 9—Saw Guide, Steel, 5 in.	1.35	No. 23—Saw Gauge Screw...	.15
No. 9—Saw Guide, Steel, 4 in.	1.15	No. 24—Lever Locking Screw, 1/8 inch .....	.15
No. 10—Washer .....	.15	No. 25—Lever Locking Spring.	.15
No. 11—Length Gauge .....	.30	No. 26—Saw Guide Detent...	.30
No. 12—Length Gauge Hook..	.15		
No. 13—Wing Nut .....	.15		



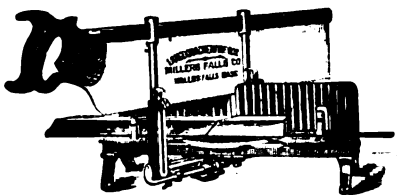
MITRE BOXES

IMPROVED LANGDON ACME

Extra long saw guides give stability when the saw is raised to its highest point.

A simple and effective device automatically catches the saw guides and holds them suspended when they are raised to their highest point and releases them instantly when desired.

Notches in bed plate determine the positive angles most in use.



By the use of a thumb lever at the front of the box the saw supports may be swung freely and locked at either a positive or an intermediate angle.

A graduated arc upon the bed and an index plate tell at what degrees to set the saw for certain desired cuts.

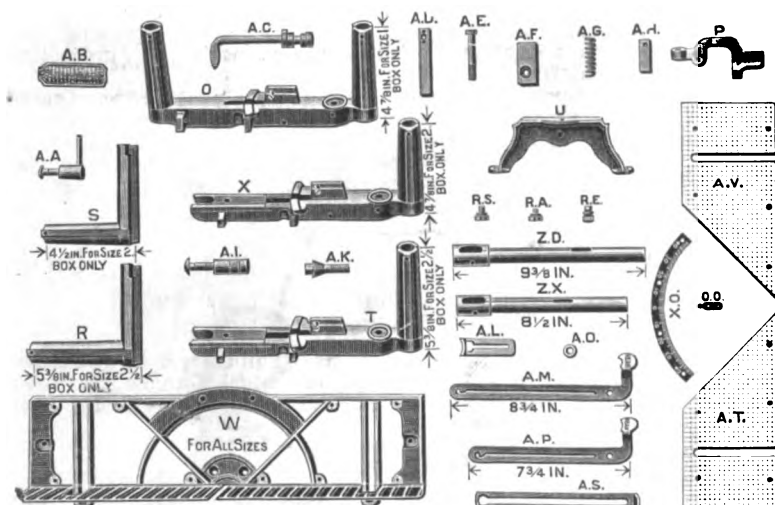
Steel bottom board, roughened to prevent slipping.

Iron and Steel Castings, Bronze Finished Main Castings, Nickel Plated Parts, with H. Disston & Sons Mitre Box Saw.

Nos.	72	73	✓ 74	75
Size Nos.	2	2	2 ½	2 ½
Capacity at Right Angles, Inches.	10 ¼	10 ¼	10 ¼	10 ¼
Capacity at Mitre, Inches.	7	7	7	7
Size of Saw, Inches.	24x4	26x4	28x5	30x5
Weight Each Boxed, Lbs.	35	36	37	38
Each	\$18.00	18.60	20.60	21.30

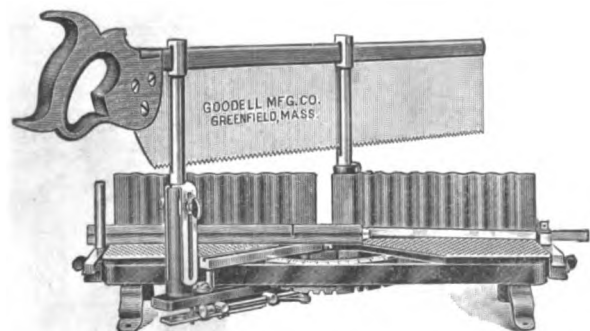
One in a Box.

EXTRA PARTS FOR IMPROVED LANGDON ACME MITRE BOXES



No.	Each	No.	Each
No. R.A.—Guide Stop Screw, Rear, for All Sizes Boxes.	\$0.16	No. W.—Bed and Back, for Size 2 ½ Box.	\$4.05
No. R.E.—Elevator Stop Screw, for All Sizes of Boxes.	.16	No. X.—Swinging Lever, for Size 2 Box.	2.60
No. R.S.—Guide Stop Screw, Front, for Sizes 2, 2 ½ Box.	.16	No. X.O.—Graduated Arc, for All Sizes of Boxes.	1.00
No. S.—Sliding Front Post, for Size 2 Box.	1.20	No. Z.D.—Saw Guide, for Size 2 ½ Box.	1.00
No. T.—Swinging Lever, for Size 2 ½ Box.	2.60	No. Z.X.—Saw Guide for Sizes 1 and 2 Box.	1.00
No. U.—Leg, for All Sizes of Boxes.	.35	No. Z.—Bed and Back, for Sizes 1 and 2 Box.	4.05

Note—Parts O, P, R, S, T, U, W and X have corresponding letters cast in them, so, if in doubt, reference may be made to the castings.



GOODSELL "STEEL"

Special Features.

Steel Truss Frame or Bed, Cold Rolled Steel Corrugated Back. Wrought Steel Lever or Saw Support, Automatic Detents for Holding up Saw, Steel Bottom Plates with Angular Serratures, Long Saw Guides.

Capacity.

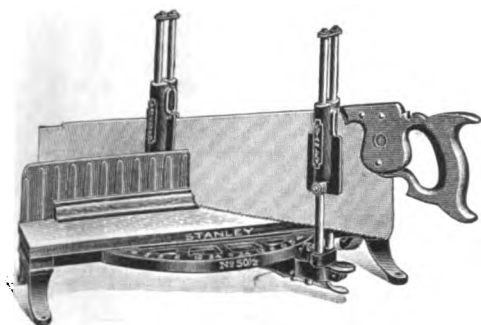
All Sizes Give 10 ¼ inches at Right Angles and 7 ¼ inches at Mitre. Complete with Angle Attachment, Length Gauge and H. Disston & Sons Saw.

Nos.	1264	1285	1305
Size Nos.	2	3	3
Size of Saw, Inches.	26x4	28x5	30x5
Weight Each Boxed, Lbs.	32	35	36
Each	\$18.00	19.50	20.00

Note—If Wanted without Attachments (Extra Angle Attachment and Length Gauge which are Fastened to the Ends of the Box), Deduct \$1.25.

One in a Box.

MITRE BOXES



No. 50 1/2.

STANLEY'S

One Piece Cast Iron Frame, Detachable Malleable Iron Legs, Japanned, Nickel Plated Parts.

With H. Disston & Sons' Saw.

Nos.	246	346	358
Saw, Inches	26x4	26x4	28x5
Capacity Right Angle, Inches	8 1/4	9 1/2	9 1/2
Capacity Mitre (45°), Inches	5 1/2	6 1/2	6 1/2
Capacity at 30° without Stock Guide, Inches	3 1/2	4 1/4	4 1/8
Weight Each, Lbs.	30	34	36
Each	\$18.00	19.50	20.50

These Boxes are compact, strong and durable and are quickly put together or taken apart for convenience in carrying.

The saw guide uprights are securely clamped in tapered sockets in the swivel arm and can be adjusted to hold the saw without play, and also to counteract a saw that runs out of true, due to improper setting or filing.

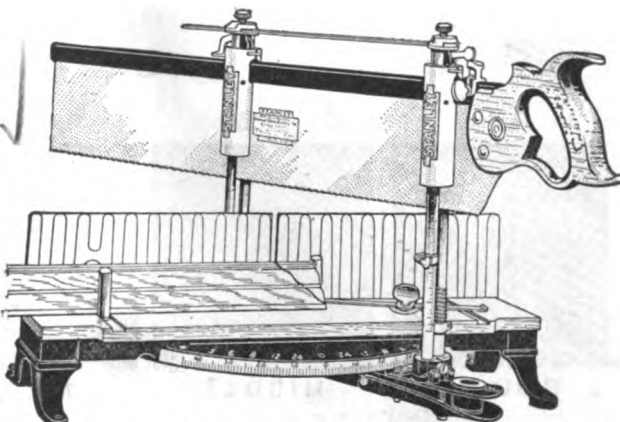
The uprights, front and back, are graduated in sixteenths of inches, and movable stops can be set by means of thumb screws to the depth of the cut desired.

Automatic catches on the uprights hold the saw up, which allows the use of both hands in placing the work.

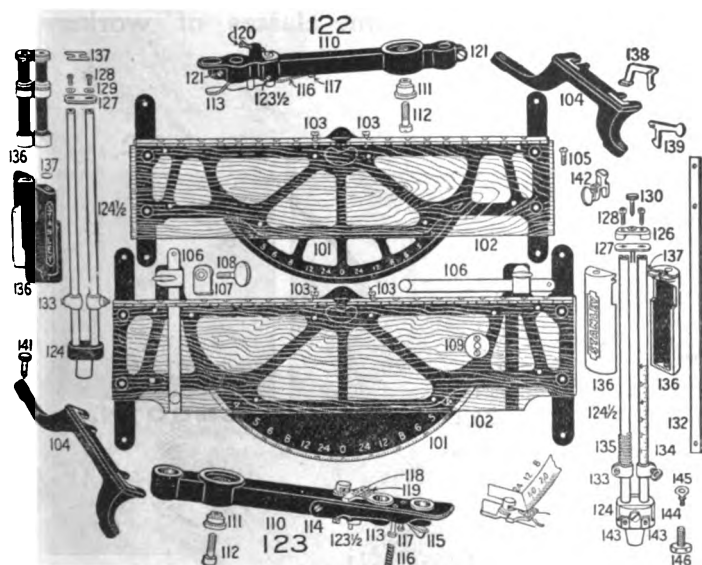
One in a Box.

Weight Each 20 Pounds.

One in a Box.



EXTRA PARTS FOR STANLEY'S MITRE BOXES



No. and Name of Part	Mitre Box No. 50 1/2	246	346	358
101 — Frame	\$4.80	\$5.60	\$6.75	\$6.75
102 — Frame Board	.50	.50	.50	.50
104 — Frame Leg	.50	.50	.60	.60
106 — Stock Guide	.40	.40	.40	.40
107 — Stock Guide Clamp	.10	.10	.10	.10
109 — Stock Guide Plate	.10	.10	.10	.10
110 — Swivel Arm	1.20	2.00	2.25	2.25
111 — Swivel Arm Bushing	.25	.25	.25	.25
112 — Swivel Bushing Screw	.25	.25	.25	.25
113 — Index Clamping Lever	.16	.35	.35	.35
115 — Index Clamping Lever Catch	.10	.10	.10	.10
116 — Index Clamping Lever Spring	.10	.10	.10	.10
122 — Swivel Complete (50 and 50 1/2)	1.60			
123 — Swivel Complete (240 to 460)		4.00	4.40	4.40
124 — "T" Base	.40	1.20	1.20	1.20
124 1/2 — Uprights (each)	.25	.35	.35	.40
126 — Saw Guide Cap	.10	.10	.10	.10
127 — Saw Guide Cap Plate	.10	.10	.10	.10
132 — Saw Guide Tie Bar	.16	.25	.25	.25
133 — Left Saw Guide Stop and Screw	.25	.25	.25	.25
134 — Right Saw Guide Stop and Screw	.25	.25	.25	.25
135 — Saw Guide Stop Spring	.10	.10	.10	.10
136 — Saw Guide Cylinder	.40	.60	.60	.60
137 — Saw Guide Cylinder Plate	.10	.10	.10	.10
138 — Trip Lever (Back)	.25	.25	.25	.25
139 — Trip Lever (Front)	.25	.25	.25	.25
141 — Leveling Screw	.16	.16	.16	.16
142 — Trip Clamp and Screw	.25	.25	.25	.25
146 — "T" Base Clamp Screw	.16	.16	.16	.16

Screws Nos. 103, 105, 108, 114, 117, 119, 120, 121, 123 1/2, 128, 130, 143, 144, 145, Each \$0.05

Note—Always give Mitre Box number and part number in ordering parts.

CHUTE BOARD AND PLANE

STANLEY'S

Special Iron Board, Ribbed Construction, Adjustable Runway, Accurately Machined for the Plane.

Each

No. 52—22 inches Long, 15 inch Plane with Rosewood Handle and Knob, 2 3/4 inch Tool Steel Cutter.....\$15.00

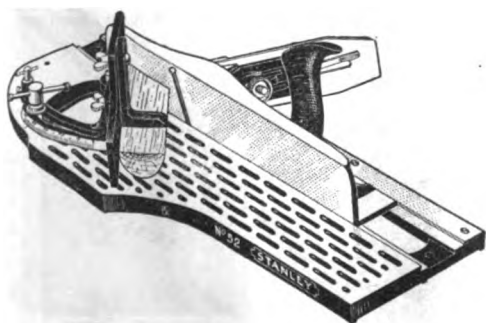
A very important tool for all wood workers.

The Swivel is indexed at forty-five and ninety degrees for planing a mitre or square, but can be securely locked by means of a clamping screw at any angle desired, between zero and ninety degrees, the quadrant being graduated between these points.

The Swivel is also fitted with a sliding back that can be adjusted close to the Plane, thus supporting the work to the edge and preventing it from splintering. It is further provided with a sliding Back Clamp, which is designed to hold any shaped work in position to be planed.

Weight Each 17 1/4 Pounds.

One in a Box.

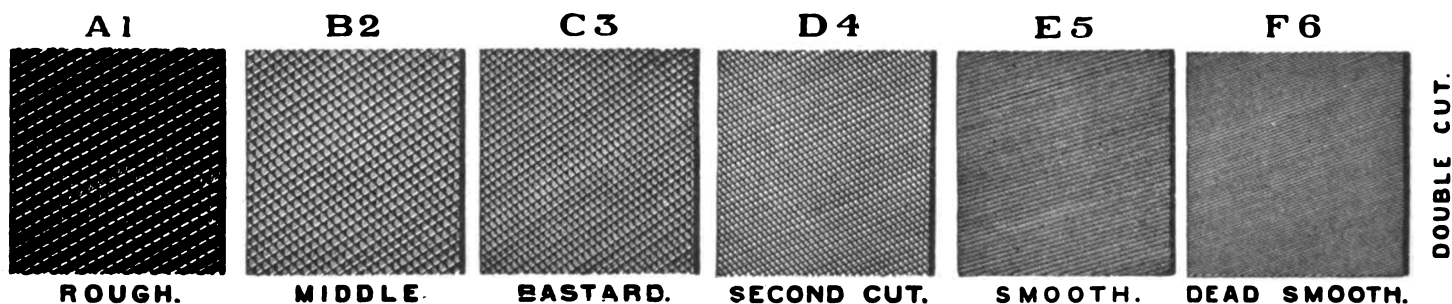


FILES

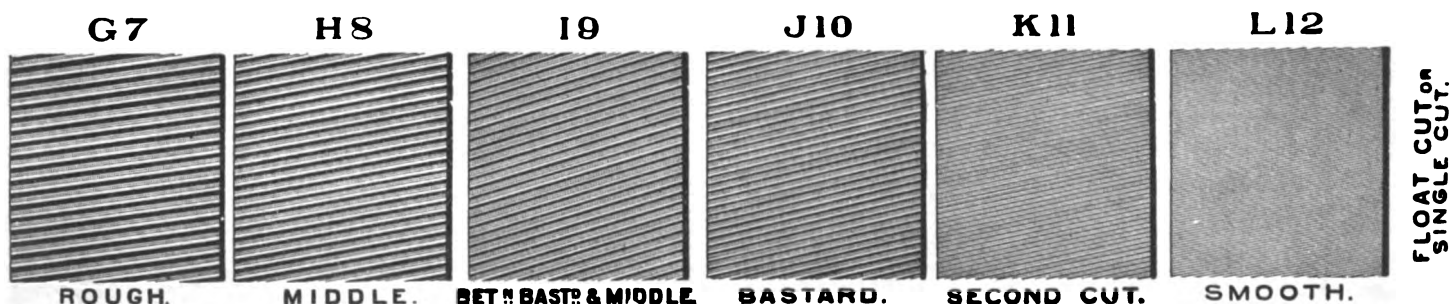
The following Cuts are engraved from Files 12 inches long; if longer than 12 inches the Cuts will be larger; if smaller, they will be less in proportion.

ILLUSTRATIONS OF CUTS OF FILES AND RASPS

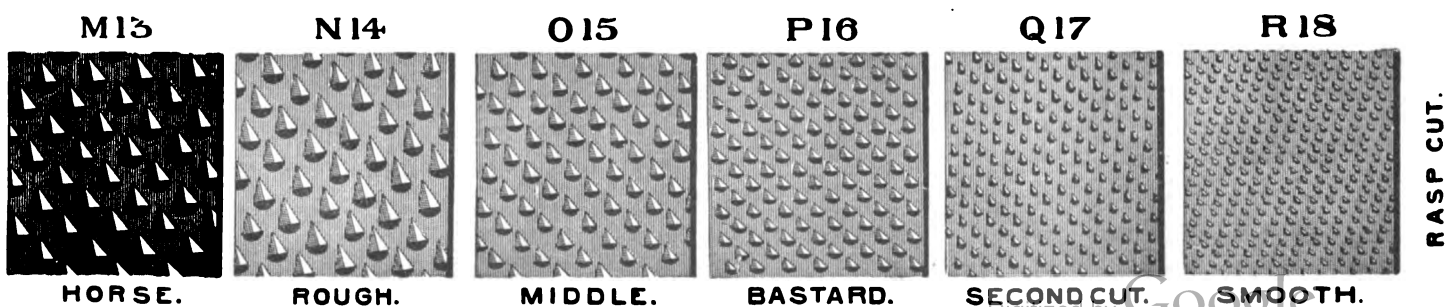
Cuts in this section are mostly used in Foundries, Locomotive Works, Machine Shops, Etc.



Cuts in this section are principally used in Saw Mills, Lumbering Camps, etc., but are also frequently called for by Machinists for Lathe-work finishing purposes, etc., and by some classes of workers in Wood, Carriage Smiths, etc.

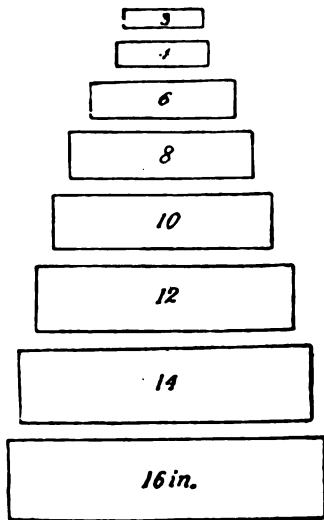


Cuts in this section are used by Blacksmiths, Cabinet-makers, Plumbers, Wood-workers, etc.

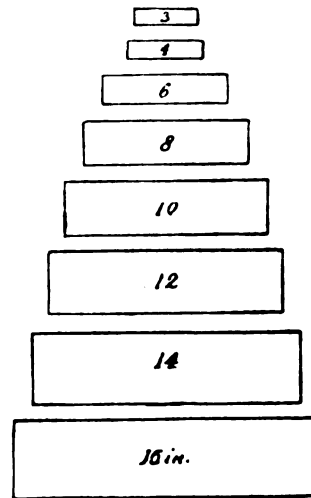


SHEET OF SECTIONS

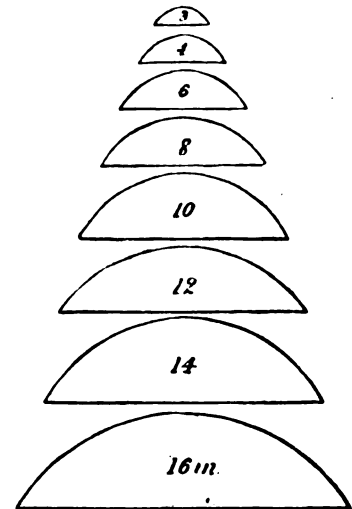
SHOWING SHAPE AND DIMENSIONS OF FILE STEEL IN MOST GENERAL USE



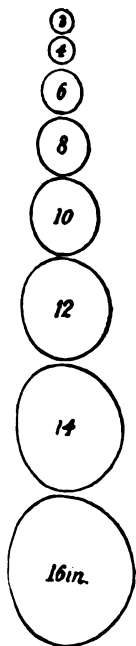
Hand.



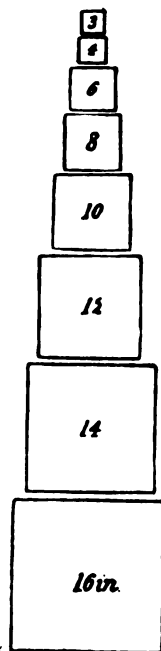
Flat.



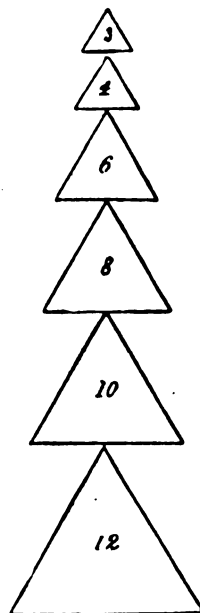
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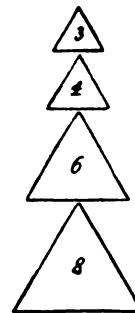
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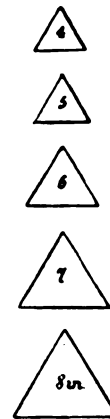
Square.



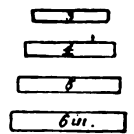
Three Square.



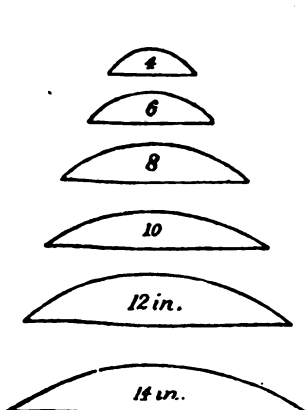
Taper.



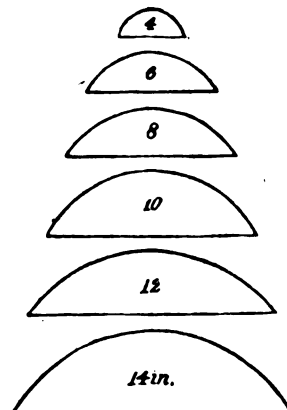
Taper Slim.



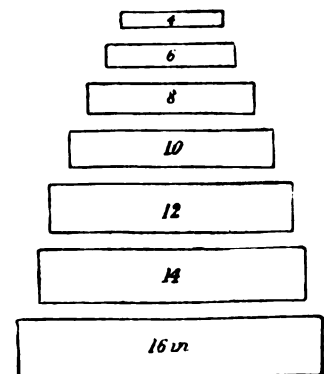
Warding.



Half Round Cabinet Rasps and Files.



Half Round Wood Rasps.



PRICE LIST OF FILES AND RASPS

Of the File Manufacturers' Association of the United States.

List of Nov. 1, 1899.

List Per Dozen.

INCH				MILL AND ROUND			FLAT			INCH	SQUARE			HAND AND PILLAR			INCH	HALF ROUND AND THREE SQUARE			WARDING				
				Bastard	2d Cut	Sm'oth	Bastard	2d Cut	Sm'oth		Bastard	2d Cut	Sm'oth	Bastard	2d Cut	Sm'oth		Bastard	2d Cut	Sm'oth	Bastard	2d Cut	Sm'oth		
4	\$3.00	\$3.50	\$3.90	\$3.70	\$4.30	\$4.70	4	\$3.80	\$4.60	\$4.90	\$3.70	\$4.30	\$4.80	4	\$4.80	\$5.60	\$6.10	\$4.00	\$4.80	\$5.40	4	\$4.00	\$4.80	\$5.40	
5	3.20	3.80	4.10	3.90	4.60	4.90	5	4.10	4.80	5.30	3.90	4.70	5.30	5	5.40	6.10	6.40	4.50	5.30	5.80	5	4.50	5.30	5.80	
6	3.50	4.00	4.50	4.30	4.80	5.30	6	4.60	5.10	5.50	4.30	5.10	5.60	6	6.10	6.70	7.10	4.90	5.90	6.40	6	4.90	5.90	6.40	
7	3.90	4.60	4.90	4.80	5.50	6.10	7	5.10	5.80	6.30	4.90	5.80	6.30	7	7.00	7.70	8.20	5.90	6.90	7.50	7	5.90	6.90	7.50	
8	4.30	4.90	5.40	5.30	6.10	6.60	8	5.50	6.30	7.00	5.40	6.30	6.70	8	7.50	8.30	8.90	6.40	7.50	8.20	8	6.40	7.50	8.20	
9	4.90	5.80	6.30	6.30	7.20	7.90	9	6.60	7.70	8.30	6.70	7.80	8.30	9	8.50	9.40	9.90	7.80	9.00	9.90	9	7.80	9.00	9.90	
10	5.60	6.40	7.00	7.00	8.10	8.70	10	7.40	8.50	9.10	7.50	8.70	9.40	10	9.10	10.10	10.70	8.70	10.10	11.00	10	8.70	10.10	11.00	
11	6.70	7.80	8.50	8.60	9.80	10.70	11	9.10	10.40	11.30	9.40	10.90	11.80	11	10.70	11.80	12.70	10.90	12.70	13.70	11	10.90	12.70	13.70	
12	7.50	8.60	9.40	9.70	11.00	12.10	12	10.20	11.50	12.80	10.70	12.30	13.50	12	11.80	13.00	13.90	12.30	14.30	15.40	12	12.30	14.30	15.40	
13	9.40	10.70	11.70	11.80	13.60	14.70	13	12.50	14.30	15.40	13.30	15.20	16.20	13	14.10	15.40	16.60	15.20	17.40	18.70	13	15.20	17.40	18.70	
14	10.70	12.20	13.10	13.30	15.30	16.70	14	13.90	16.10	17.50	15.00	17.00	18.20	14	15.50	17.00	18.30	17.00	19.40	21.00	14	17.00	19.40	21.00	
15	13.10	15.00	16.10	16.00	18.30	20.00	15	16.90	19.20	20.90	17.90	20.60	21.70	15	18.50	20.40	21.70	STAVESAW 8 inch .....\$9.40							
16	14.70	16.80	17.90	17.80	20.10	22.30	16	18.70	21.20	23.30	20.10	22.80	24.20	16	20.60	22.50	24.20								
17	18.20	20.20	21.70	21.50	24.20	26.50	17	22.50	25.40	27.50	24.20	27.10	28.60	17	24.70	27.00	28.90	STAVESAW IMPROVED 6 inch.....\$6.40 7 " 7.40 8 " 8.10 9 " 9.70 10 " 10.70 12 " 15.40							
18	20.20	22.70	24.30	23.90	26.80	29.20	18	25.10	28.20	30.40	26.80	29.90	31.50	18	27.50	29.90	32.00								
19	24.60	27.50	29.40	28.40	31.60	34.60	19	29.70	33.20	35.70	31.90	35.40	37.60	19	32.80	35.70	38.10								
20	27.40	30.70	32.90	31.50	35.30	38.30	20	32.80	36.70	39.30	35.10	39.20	41.60	20	36.20	39.40	42.30								
Mill Blunt Dbl. Cut, adv. 2 in.				Cant (Blunt) Dbl. Cut, advance 2 in.			Square Blunt, advance 1 in.				Slotting (Blt.), advance 2 in.				Ginsaw, take Bastard price.										
Mill Dbl. Cut, " 1 "											Cotter Blunt or Taper, advance 2 in.				Crossing, adv. 2 in.										
Mill Narrow Point, " 1 "															Tumbler, " 2 "										
Mill Machine, " 1 "															Feather Edge (Blt.), " 2 "										
Mill Triangular, & sq. " 1 "															High Back, " 2 "										
Farmr's Own, adv. on B'st 1 "											Reaper, adv. 1 in. on 2d. cut.				Half Round, " 2 "										
INCH	MILL One Round Edge			MILL Two Round Edges			INCH	TAPERS		SLIM TAPERS		BANDSAW Blunt & Taper		INCH	PIT SAW	CANT SAW	CROSS CUT	HOOK TOOTH	PL'NER KNIFE	IN-SETTED TOOTH OR CH TOOTH					
	Bastard	2d Cut	Sm'oth	Bastard	2d Cut	Sm'oth		Single Cut	Double Cut	Single Cut	Double Cut	Regu- lar	Slim		Single Cut	Single Cut	Single Cut	Single Cut	Single Cut	Single Cut					
4	\$3.40	\$3.90	\$4.40	\$3.80	\$4.40	\$4.90	3	\$2.10	\$2.50	\$2.10	\$2.50	\$2.50	\$2.50	4	\$4.80	\$4.30	\$4.80	.....	.....	.....		
5	3.60	4.30	4.60	4.00	4.80	5.10	3 1/2	2.10	2.50	2.10	2.50	2.50	2.50	5	5.40	4.70	5.40	.....	.....	.....		
6	3.90	4.50	5.10	4.40	5.00	5.60	4	2.20	2.90	2.20	2.60	2.90	2.60	6	6.10	5.40	6.10	\$6.70	.....	.....			
7	4.40	5.20	5.50	4.90	5.80	6.10	4 1/2	2.40	3.10	2.30	3.00	3.10	3.00	7	7.00	6.10	7.00	7.70	.....	.....			
8	4.80	5.50	6.10	5.40	6.10	6.80	5	2.60	3.50	2.50	3.20	3.50	3.20	8	7.50	6.40	7.50	8.30	\$6.40	\$8.30					
9	5.50	6.50	7.10	6.10	7.30	7.90	5 1/2	3.00	4.00	2.90	3.50	4.00	3.50	9	8.50	7.80	8.50	9.40	.....	9.40				
10	6.30	7.20	7.90	7.00	8.00	8.80	6	3.40	4.70	3.10	3.90	4.70	3.90	10	9.10	8.70	9.10	10.10	8.60	10.10					
11	7.50	8.80	9.60	8.40	9.80	10.60	7	4.30	5.60	3.80	4.50	5.60	4.50	11	10.70	10.40	10.70	11.80	.....	.....			
12	8.40	9.70	10.60	9.40	10.80	11.80	8	5.40	6.70	4.50	5.30	6.70	5.30	12	11.80	11.40	11.80	13.00	12.10	.....				
13	10.60	12.00	13.20	11.80	13.40	14.60	9	6.60	8.10	5.40	6.30	8.10	6.30	Climax, adv. 2 in. on Hf. Rd. Bastard.											
14	12.00	13.70	14.70	13.40	15.30	16.40	10	8.10	9.70	6.40	7.50	9.70	7.50	Round Gulleting, take Pitsaw price.											
15	14.70	16.90	18.10	16.40	18.80	20.10	11	10.70	12.10	8.30	9.10	12.10	9.10	DOUBLE-ENDED TAPER WITH HANDLE.											
16	16.50	18.90	20.10	18.40	21.00	22.40	12	12.50	14.70	9.50	11.00	14.70	11.00												
17	20.50	22.70	24.40	22.80	25.30	27.10	13	15.90	17.50	12.10	13.10	17.50	13.10												
18	22.70	25.50	27.30	25.30	28.40	30.40	14	18.20	20.60	13.80	15.40	20.60	15.40												
															6	7	8	9	10						
															\$3.50	3.50	3.90	4.40	4.90						
INCH	HORSE RASPS			FILE RASPS			INCH	WOOD FILES			WOOD RASPS			INCH	SHOE RASPS			INCH	KNIFE						
	Plain	Bevel'd and Rasp	Tanged	Flat	Hf. Rd.		Flat	Hf. Rd.	Cabin't	Flat	Hf. Rd.	Cabin't		Flat	Hf. Rd.	Oval		Basta'd	2d Cut	Sm'oth					
6	.....	.....	.....	\$7.40	\$8.10	6	\$4.30	\$6.10	\$8.10	\$7.40	\$8.10	\$10.10	6	\$8.10	\$8.10	\$9.30	4	\$5.40	\$6.10	\$6.40		
7	.....	.....	.....	8.60	9.30	7	4.80	7.00	9.30	8.60	9.30	11.70	7	9.30	9.30	10.10	5	6.10	6.70	7.10		
8	.....	.....	.....	9.40	10.10	8	5.30	7.50	10.10	9.40	10.10	12.80	8	10.10	10.10	12.20	6	6.90	7.50	7.90		
9	.....	.....	.....	11.40	12.20	9	6.30	8.50	12.20	11.40	12.20	15.50	9	12.20	12.20	13.70	7	7.80	8.50	8.90		
10	\$9.40	\$10.70	\$12.80	12.80	13.70	10	7.00	9.10	13.70	12.80	13.70	17.50	10	13.70	13.70	16.80	8	8.50	9.10	9.50					
11	11.40	12.90	15.20	15.50	16.80	11	8.60	10.70	16.80	15.50	16.80	20.70	11	16.80	16.80	18.70	9	9.40	10.60	11.30					
12	12.80	14.40	16.80	17.50	18.70	12	9.70	11.80	18.70	17.50	18.70	22.80	12	18.70	18.70	22.40	10	10.10	11.50	12.30					
13	15.20	17.00	19.60	20.90	22.40	13	11.80	14.10	22.40	20.90	22.40	26.80	13	22.40	22.40	.....	11	12.20	13.70	14.60				
14	17.80	20.10	23.10	23.20	24.80	14	13.30	15.50	24.80	23.20	24.80	29.60	14	24.80	24.80	.....	12	13.70	15.20	16.10				
15	20.90	23.60	27.30	27.80	29.70	15	16.00	18.50	29.70	27.80	29.70	33.90	LASTMAKERS' RASPS. 1 in. adv. on Cabinet Rasps.							13	16.30	17.90	19.20		
16	24.40	27.50	32.20	30.80	32.90	16	17.80	20.60	32.90	30.80	32.90	36.90								14	18.20	19.90	21.20		
17	28.90	31.50	36.20	38.90	17	21.50	24.70	38.90	36.20	38.90	42.40													
18	32.90	36.20	40.90	43.60	18	23.90	27.50	43.60	40.90	43.60	46.90													

FILES

REGULAR TAPER, SINGLE CUT

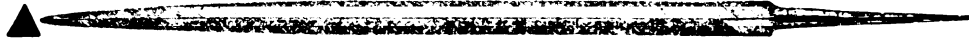


Mostly Used on Hand and Buck Saws.

Length, Inches	3	3½	4	4½	5	5½	6	7	8	9	10
Weight Per Dozen, Lbs.	½	½	¾	1	1¼	1¾	2	3	4	5	7
Black Diamond	Per Dozen, \$2.10	2.10	2.20	2.40	2.60	3.00	3.40	4.30	5.40	6.60	8.10
Nicholson's	Per Dozen, 2.10	2.10	2.20	2.40	2.60	3.00	3.40	4.30	5.40	6.60	8.10
Badger	Per Dozen, . . . .	. . . .	2.20	2.40	2.60	3.00	. . . .	. . . .	. . . .	. . . .	. . . .
Milwaukee	Per Dozen, . . . .	. . . .	2.20	2.40	2.60	3.00	3.40	4.30	5.40	6.60	8.10

One Dozen in a Box.

SLIM TAPER, SINGLE CUT



Supersedes the Regular Taper, the Principle Advantage Being the Greater Sweep or Stroke Obtainable from the Same Section.

Length, Inches	3	3½	4	4½	5	5½	6	7	8
Weight Per Dozen, Lbs.	¼	¼	½	½	½	¾	1¼	2	3½
Black Diamond	Per Dozen, \$2.10	2.10	2.20	2.30	2.50	2.90	3.10	3.80	4.50
Nicholson's	Per Dozen, 2.10	2.10	2.20	2.30	2.50	2.90	3.10	3.80	4.50
Badger	Per Dozen,	2.10	2.20	2.30	2.50	2.90	3.10	3.80	. . . .
Milwaukee	Per Dozen, 2.10	2.10	2.20	2.30	2.50	2.90	3.10	3.80	4.50

One Dozen in a Box.

EXTRA SLIM TAPER, SINGLE CUT

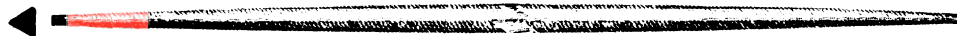
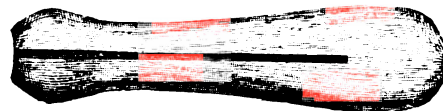


Narrow Cross Section is a Great Advantage on Fine Tooth Saws.

Length, Inches	4	4½	5	5½	6
Weight Per Dozen, Lbs.	¼	¾	½	½	¾
Black Diamond	Per Dozen, \$2.20	2.30	2.50	2.90	3.10
Nicholson's	Per Dozen, 2.20	2.30	2.50	2.90	3.10
Milwaukee	Per Dozen, 2.20	2.30	2.50	2.90	3.10

One Dozen in a Box.

DOUBLE ENDER TAPER, SINGLE CUT



Twelve Handles with Each Dozen Files.

Same as Slim Taper, with an Added Advantage of a Handle, which Can be Easily Attached, and of Having Two Files in One.

Length, Inches	7	8	9	10
Weight Per Dozen, Lbs.	1	1½	2	2¾
Black Diamond	Per Dozen, \$3.50	3.90	4.40	4.90
Nicholson's	Per Dozen, 3.50	3.90	4.40	4.90
Milwaukee	Per Dozen, 3.50	3.90	4.40	4.90

One Dozen in a Box.

WEED'S SPECIAL SLIM BLUNT



Made Especially for Filing Very Hard Tempered Saws, 1½ inch Handle with Brass Ferrule.

Length, Inches	5	5½	6
Weight Per Dozen, Lbs.	¾	1	1¼
Per Dozen	\$2.50	2.90	3.10

One Dozen Files and Four Handles in a Box.

PARALLEL MILL BASTARD



Same Width and Thickness from Point to Shank.

Length, Inches	6	7	8	10
Weight Per Dozen, Lbs.	1½	2	4	6
Black Diamond	Per Dozen, \$3.50	3.90	4.30	5.60
Disston's Imperial	Per Dozen, 3.50	3.90	4.30	5.60

One Dozen in a Box.

FILES

MILL BASTARD, SQUARE EDGE



Used Principally for Sharpening Mill Saws, Also Mowing Machine Knives and Plows; in Machine Shops for Lathe Work, Draw Filing, and, to Some Extent, Finishing the Several Compositions of Brass and Bronze.

Length, Inches	3	4	5	6	7	8	9	10	11	12	14	16
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	4	$4\frac{1}{2}$	6	8	12	15	22
Black Diamond	Per Dozen, \$3.00	3.00	3.20	3.50	3.90	4.30	4.90	5.60	6.70	7.50	10.70	14.70
Nicholson's	Per Dozen, 3.00	3.00	3.20	3.50	3.90	4.30	4.90	5.60	6.70	7.50	10.70	14.70
Badger	Per Dozen, . . . . .	. . . . .	. . . . .	3.50	. . . . .	4.30	. . . . .	5.60	. . . . .	7.50	10.70	. . . . .
Milwaukee	Per Dozen,	3.00	3.20	3.50	3.90	4.30	4.90	5.60	. . . . .	7.50	10.70	. . . . .

3 to 10 inch, One Dozen; 11 to 16 inch, One-half Dozen in a Box.

MILL BASTARD, WITH ONE ROUND EDGE



There is a Considerable Demand for this Style, the Round Edge Better Adapting it for Gumming Saws.

Length, Inches	6	8	10	12	14
Weight Per Dozen, Lbs.	$1\frac{1}{2}$	4	6	12	15
Black Diamond	Per Dozen, \$3.90	4.80	6.30	8.40	12.00
Nicholson's	Per Dozen, 3.90	4.80	6.30	8.40	12.00
Milwaukee	Per Dozen, 3.90	4.80	6.30	8.40	12.00

6 to 10 inch, One Dozen; 12 and 14 inch, One-half Dozen in a Box.

MILL BASTARD, WITH TWO ROUND EDGES.



There is a Limited Demand for Two Round Edges.

Length, Inches	8	10	12	14
Weight Per Dozen, Lbs.	4	6	12	15
Black Diamond	Per Dozen, \$5.40	7.00	9.40	13.40
Nicholson's	Per Dozen, 5.40	7.00	9.40	13.40
Milwaukee	Per Dozen, 5.40	7.00	9.40	13.40

8 and 10 inch, One Dozen; 12 and 14 inch, One-half Dozen in a Box.

MILL BASTARD, DOUBLE CUT

Length, Inches	10	12	14
Weight Per Dozen, Lbs.	6	12	15
Black Diamond	Per Dozen, \$6.70	9.40	13.10
Nicholson's	Per Dozen, 6.70	9.40	13.10
Milwaukee	Per Dozen, 6.70	9.40	13.10

10 inch, One Dozen; 12 and 14 inch, One-half Dozen in a Box.

FLAT BASTARD



One of the Most Common Files in Use, Not Confined to Any Specific Kind of Work, but Employed by Mechanics Generally, for a Great Variety of Purposes.

Length, Inches	4	5	6	7	8	9	10	12	14	16
Weight Per Dozen, Lbs.	$\frac{1}{2}$	$\frac{3}{4}$	1	3	4	6	7	13	19	27
Black Diamond	Per Dozen, \$3.70	3.90	4.30	4.80	5.30	6.30	7.00	9.70	13.30	17.80
Nicholson's	Per Dozen, 3.70	3.90	4.30	4.80	5.30	6.30	7.00	9.70	13.30	17.80
Badger	Per Dozen, . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	7.00	9.70	13.30	17.80
Milwaukee	Per Dozen, . . . . .	. . . . .	4.00	. . . . .	5.30	. . . . .	7.00	9.70	13.30	17.80

4 to 9 inch, One Dozen; 10 to 16 inch, One-half Dozen in a Box.

FLAT SECOND CUT

Length, Inches	3	4	5	6	8	10	12	14
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	4	7	13	19
Black Diamond	Per Dozen, \$4.30	4.80	4.60	4.80	6.10	8.10	11.00	15.30
Nicholson's	Per Dozen, 4.30	4.80	4.60	4.80	6.10	8.10	11.00	15.30

3 to 8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.

FLAT SMOOTH

Length, Inches	3	4	5	6	8	10	12	14
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	4	7	13	19
Black Diamond	Per Dozen, \$4.70	4.70	4.90	5.30	6.60	8.70	12.10	16.70
Nicholson's	Per Dozen, 4.70	4.70	4.90	5.30	6.60	8.70	12.10	16.70

3 to 8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.

FILES

HAND BASTARD

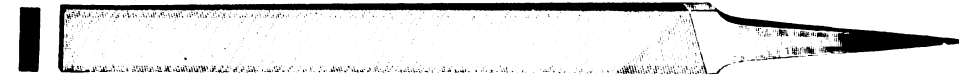


Tapering in Thickness but Parallel in Width, Used by Machinists and Engineers for Finishing Flat Surfaces, Etc.

Length, Inches	3	4	5	6	8	10	12	14
Weight Per Dozen, Lbs.	$\frac{1}{2}$	1	2	3	5	10	15	22
Black Diamond	Per Dozen, \$3.70	3.70	3.90	4.30	5.40	7.50	10.70	15.00
Nicholson's	Per Dozen, 3.70	3.70	3.90	4.30	5.40	7.50	10.70	15.00

3 to 8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.

HAND SECOND CUT



Length, Inches	3	4	5	6	8	10	12	14
Weight Per Dozen, Lbs.	$\frac{1}{2}$	1	2	3	5	10	15	22
Black Diamond	Per Dozen, \$4.30	4.30	4.70	5.10	6.30	8.70	12.30	17.00
Nicholson's	Per Dozen, 4.30	4.30	4.70	5.10	6.30	8.70	12.30	17.00

3 to 8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.

HAND SMOOTH

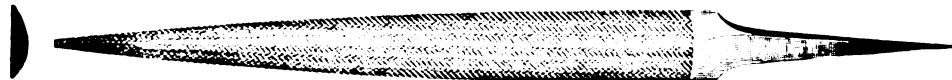


For Finishing Work that has Been Done with a Rough File. Used Principally in Foundries, Machine Shops, Locomotive Works, Etc.

Length, Inches	3	4	5	6	8	10	12	14
Weight Per Dozen, Lbs.	$\frac{1}{2}$	1	2	3	5	10	15	22
Black Diamond	Per Dozen, \$4.80	4.80	5.30	5.60	6.70	9.40	13.50	18.20
Nicholson's	Per Dozen, 4.80	4.80	5.30	5.60	6.70	9.40	13.50	18.20

3 to 8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.

HALF ROUND BASTARD



Taper Sides, Double Cut Faces, Extensively Used in Machine Shops, Etc.

Length, Inches	3	4	5	6	7	8	9	10	11	12	14	16
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	1	1 $\frac{1}{2}$	2	4	5	6	8	12	17	25
Black Diamond	Per Dozen, \$4.80	4.80	5.40	6.10	7.00	7.50	8.50	9.10	10.70	11.80	15.50	20.60
Nicholson's	Per Dozen, 4.80	4.80	5.40	6.10	7.00	7.50	8.50	9.10	10.70	11.80	15.50	20.60
Badger	Per Dozen, . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	7.50	. . . . .	9.10	. . . . .	11.80	. . . . .	. . . . .
Milwaukee	Per Dozen, . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	7.50	. . . . .	9.10	. . . . .	11.80	15.50	. . . . .

3 to 9 inch, One Dozen; 10 to 16 inch, One-half Dozen in a Box.

HALF ROUND SECOND CUT

Cut Single on the Convex Side. Used in Machine Shops, Etc.

Length, Inches	3	4	5	6	7	8	10	12	14
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	1	1 $\frac{1}{2}$	2	4	6	12	17
Black Diamond	Per Dozen, \$5.60	5.60	6.10	6.70	7.70	8.30	10.10	13.00	17.00
Nicholson's	Per Dozen, 5.60	5.60	6.10	6.70	7.70	8.30	10.10	13.00	17.00
Milwaukee	Per Dozen, 5.60	5.60	6.10	6.70	7.70	8.30	10.10	13.00	17.00

3 to 8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.

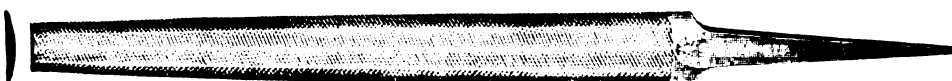
HALF ROUND SMOOTH

For Finishing the Work Commenced with a Coarse File.

Length, Inches	3	4	5	6	8	10	12	14
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	1	1 $\frac{1}{2}$	4	6	12	17
Black Diamond	Per Dozen, \$6.10	6.10	6.40	7.10	8.90	10.70	13.90	18.30
Nicholson's	Per Dozen, 6.10	6.10	6.40	7.10	8.90	10.70	13.90	18.30
Milwaukee	Per Dozen, 6.10	6.10	6.40	7.10	8.90	10.70	13.90	18.30

3 to 8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.

HALF ROUND CABINET



Used by Cabinet Makers and Woodworkers Generally.

Length, Inches	8	10	12	14	16
Weight Per Dozen, Lbs.	4	6	12	17	25
Black Diamond	\$10.10	13.70	18.70	24.80	32.90
Nicholson's	10.10	13.70	18.70	24.80	32.90

8 inch, One Dozen; 10 to 16 inch, One-half Dozen in a Box.

FILES

ROUND BASTARD

Tapering, for Enlarging Round Holes and Shaping Internal Angles.

Length, Inches	3	4	5	6	7	8	9	10	12	14	16
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{2}$	3	7	13	21
Black Diamond	Per Dozen, \$3.00	3.00	3.20	3.50	3.90	4.30	4.90	5.60	7.50	10.70	14.70
Nicholson's	Per Dozen, 3.00	3.00	3.20	3.50	3.90	4.30	4.90	5.60	7.50	10.70	14.70
Badger	Per Dozen, . . . . .	. . . . .	. . . . .	3.50	. . . . .	4.30	. . . . .	5.60	. . . . .	. . . . .	. . . . .
Milwaukee	Per Dozen, . . . . .	. . . . .	. . . . .	3.50	. . . . .	4.30	. . . . .	5.60	7.50	10.70	. . . . .

3 to 10 inch, One Dozen; 12 to 16 inch, One-half Dozen in a Box.

ROUND SECOND CUT

Length, Inches	3	4	5	6	7	8	10	12	14
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	3	7	13
Black Diamond	Per Dozen, \$3.50	3.50	3.80	4.00	4.60	4.90	6.40	8.60	12.20
Nicholson's	Per Dozen, 3.50	3.50	3.80	4.00	4.60	4.90	6.40	8.60	12.20

3 to 10 inch, One Dozen; 12 and 14 inch, One-half Dozen in a Box.

ROUND SMOOTH

Length, Inches	3	4	5	6	7	8	9	10	12
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{2}$	3	7
Black Diamond	Per Dozen, \$3.90	3.90	4.10	4.50	4.90	5.40	6.30	7.00	9.40
Nicholson's	Per Dozen, 3.90	3.90	4.10	4.50	4.90	5.40	6.30	7.00	9.40

3 to 10 inch, One Dozen; 12 inch, One-half Dozen in a Box.

SQUARE BASTARD

Double Cut, Used in Almost All Branches of Mechanical Industry, Principally for Enlarging Holes of a Square or Rectangular Shape.

Length, Inches	3	4	5	6	7	8	10	12	14	16
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	4	9	16	27
Black Diamond	Per Dozen, \$3.80	3.80	4.10	4.60	5.10	5.50	7.40	10.20	13.90	18.70
Nicholson's	Per Dozen, 3.80	3.80	4.10	4.60	5.10	5.50	7.40	10.20	13.90	18.70
Milwaukee	Per Dozen, 3.80	3.80	4.10	4.60	5.10	5.50	7.40	10.20	13.90	18.70

3 to 10 inch, One Dozen; 12 to 16 inch, One-half Dozen in a Box.

SQUARE SECOND CUT

Length, Inches	3	4	5	6	7	8	9	10	12
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	3	4	9
Black Diamond	Per Dozen, \$4.60	4.60	4.80	5.10	5.80	6.30	7.70	8.50	11.50
Nicholson's	Per Dozen, 4.60	4.60	4.80	5.10	5.80	6.30	7.70	8.50	11.50

3 to 10 inch, One Dozen; 12 inch, One-half Dozen in a Box.

SQUARE SMOOTH

Length, Inches	6	8	10	12
Weight Per Dozen, Lbs.	1	2	4	9
Black Diamond	Per Dozen, \$5.50	7.00	9.10	12.80
Nicholson's	Per Dozen, 5.50	7.00	9.10	12.80

6 to 10 inch, One Dozen; 12 inch, One-half Dozen in a Box.

WARDING BASTARD

Considerably Used by Jewelers and Machinists, but More Especially by Locksmiths in Filing the Ward Notches in Keys.

Length, Inches	3	$3\frac{1}{2}$	4	5
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$
Black Diamond	Per Dozen, \$4.00	4.00	4.00	4.50
Nicholson's	Per Dozen, 4.00	4.00	4.00	4.50
Milwaukee	Per Dozen, 4.00	4.00	4.00	4.50

One Dozen in a Box.

KNIFE BASTARD

Resembles Somewhat the Blade of a Knife; for General Use in Work for which Their Shape Adapts Them.

Length, Inches	4	$4\frac{1}{2}$	5	6	7
Weight Per Dozen, Lbs.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$
Black Diamond	Per Dozen, \$5.40	6.10	6.10	6.90	7.80
Nicholson's	Per Dozen, 5.40	6.10	6.10	6.90	7.80
Milwaukee	Per Dozen, 5.40	6.10	6.10	6.90	7.80

One Dozen in a Box.

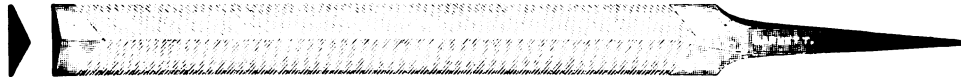
KNIFE BASTARD, SECOND CUT

Length, Inches	3	$4\frac{1}{2}$	5	6	7
Weight Per Dozen, Lbs.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$
Black Diamond	Per Dozen, \$6.10	6.10	6.70	7.50	8.50
Nicholson's	Per Dozen, 6.10	6.10	6.70	7.50	8.50

One Dozen in a Box.

FILES

CANT OR LIGHTNING



Used Principally in Filing Cross Cut Saws Having M-Shaped Teeth.

Length, Inches	5	6	8	10
Weight Per Dozen, Lbs.	1	1 1/2	3	5
Black Diamond	Per Dozen, \$4.70	5.40	6.40	8.70
One Dozen in a Box.				

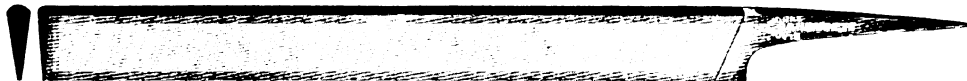
BAND SAW SLIM BLUNT



Especially Designed for Filing Band Saws.

Length, Inches	4 1/2	5	6	8
Weight Per Dozen, Lbs.	3/4	1	1 1/4	3
Black Diamond	Per Dozen, \$3.00	3.20	3.90	5.30
Nicholson's	Per Dozen, 3.00	3.20	3.90	5.30
One Dozen in a Box.				

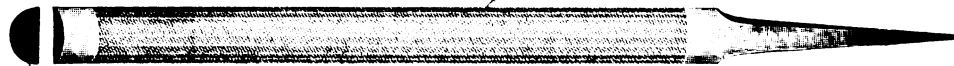
GREAT AMERICAN CROSS CUT



Especially Designed for Filing Cross Cut Saws.

Length, Inches	10	12
Weight Per Dozen, Lbs.	6 1/2	11
Black Diamond	Per Dozen, \$9.10	11.80
One Dozen in a Box.		

PIT SAW



For Filing the Teeth of what are Known as Pit and Frame Saws.

Length, Inches	5	6	7	8	10	12
Weight Per Dozen, Lbs.	1 1/2	2	3	3 1/2	6	10
Black Diamond	Per Dozen, \$5.46	6.10	7.00	7.50	9.10	11.80
One Dozen in a Box.						

PLANER KNIFE



Made Each Side Half Single and Half Double Cut.

Black Diamond—10 inches Long, Weight Per Dozen 6 Lbs.	Per Dozen
One Dozen in a Box.	\$8.60

FLAT WOOD



Coarse, Used to a Limited Extent by Woodworkers.

Length, Inches	8	10	12	14
Weight Per Dozen, Lbs.	4	7	13	19
Black Diamond	Per Dozen, \$5.30	7.00	9.70	13.30
Nicholson's	Per Dozen, 5.30	7.00	9.70	13.30
Milwaukee	Per Dozen, 5.30	7.00	9.70	13.30
8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.				

HALF ROUND WOOD



Coarse, Generally Used by Woodworkers and Occasionally on Rougher Kinds of Brass Work.

Length, Inches	8	10	12	14
Weight Per Dozen, Lbs.	4	6	10	14
Black Diamond	Per Dozen, \$7.50	9.10	11.80	15.50
Milwaukee	Per Dozen, 7.50	9.10	11.80	15.50
8 inch, One Dozen; 10 to 14 inch, One-half Dozen in a Box.				

RASPS

HALF ROUND CABINET



Taper, Smooth Rasp Cut, Wider and Thinner than Half Round Wood, Used by Cabinet Makers and Woodworkers in General.

Length, Inches	8	9	10	12	14
Weight Per Dozen, Lbs.	4	5	6	10	14
Black Diamond	Per Dozen, \$12.80	15.50	17.50	22.80	29.60
Milwaukee	Per Dozen, 12.80	15.50	17.50	22.80	29.60

8 inch, One Dozen; 9 to 14 inch, One-half Dozen in a Box.

HALF ROUND WOOD

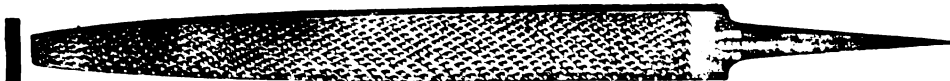


Taper, Rasp Cut, Used by Wheelwrights and Carriage Builders, and to Some Extent by Plumbers and Marble Workers.

Length, Inches	6	7	8	9	10	12	14
Weight Per Dozen, Lbs.	3	3 1/2	4	5	6	10	14
Black Diamond	Per Dozen, \$8.10	9.30	10.10	12.20	13.70	18.70	24.80
Milwaukee	Per Dozen, . . . . .	. . . . .	. . . . .	. . . . .	13.70	18.70	24.80

6 to 8 inch, One Dozen; 9 to 14 inch, One-half Dozen in a Box.

FLAT WOOD



Length, Inches	10	12	14	16
Weight Per Dozen, Lbs.	8	12	17	24
Black Diamond	Per Dozen, \$12.80	17.50	23.20	30.80
Milwaukee	Per Dozen, 12.80	17.50	23.20	30.80

One-half Dozen in a Box.

PLAIN HORSE



Length, Inches	12	14	15	16	18 Slim
Weight Per Dozen, Lbs.	15	20	23	28	30
Heller's	Per Dozen, \$12.80	17.80	20.90	24.40	. . . . .
Black Diamond	Per Dozen, 12.80	17.80	20.90	24.40	24.40
Milwaukee, Hand Cut.	Per Dozen, 12.80	17.80	20.90	24.40	24.40
Superior	Per Dozen, 12.80	17.80	. . . . .	24.40	24.40
Disston's	Per Dozen, . . . . .	. . . . .	. . . . .	. . . . .	24.40

The 18 inch Slim Rasp gives the user the advantage of a long stroke and at the same time is a Rasp of medium weight.

One-half Dozen in a Box.

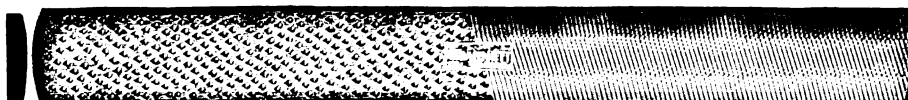
TANGED HORSE



Length, Inches	12	14	15	16
Weight Per Dozen, Lbs.	20	28	32	36
Heller's	Per Dozen, \$16.80	23.10	. . . . .	32.20
Milwaukee, Hand Cut.	Per Dozen, 16.80	23.10	27.30	32.20

One-half Dozen in a Box.

HALF ROUND SHOE



Length, Inches	8	9
Weight Per Dozen, Lbs.	4 1/2	8
Black Diamond	Per Dozen, \$10.10	12.20

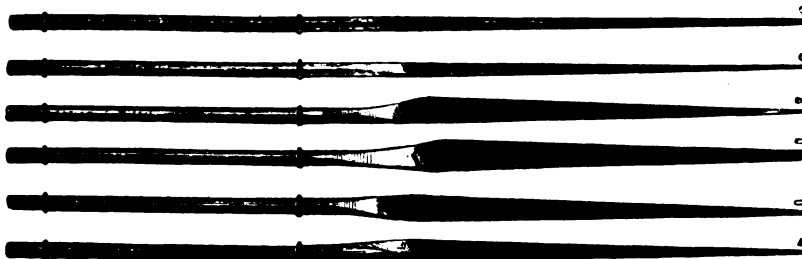
One-half Dozen in a Box.

AUGER BIT FILES



Moore's—7 inch, Double Ender, One End has Flat File with Smooth Edges, the Other End Being Smooth with File Edges,
Specially Adapted to All Sizes of Auger Bits, Will Not Injure Screw or Lip.....**\$3.50**
Per Dozen
Weight Per Dozen 1 Pound.
One Dozen on a Display Card.

FRETWORK FILES



Fretwork Files—Six Assorted Shapes and Lengths, 4, 4½ and 5½ inches**\$2.00**
Per Dozen

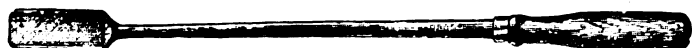
HORSE TOOTH FILES



No. 1—20 inches Long, Solid Float, Solid Shank, Polished, Hardwood Handle**\$29.00**
Per Dozen
Weight Per Dozen 14 Pounds.
One-twelfth Dozen in a Box.



No. 3—20 inches Long, Adjustable Float, Solid Shank, Polished, Hardwood Handle**\$36.00**
Per Dozen
Weight Per Dozen 15 Pounds.
One-twelfth Dozen in a Box.



No. 024—20 inches Long, Adjustable Float, Solid Shank, Polished, Hardwood Handle**\$17.25**
Per Dozen
Weight Per Dozen 14 Pounds.
One-twelfth Dozen in a Box.



No. 023—20 inches Long, Adjustable Float, Jointed Shank, Polished, Hardwood Handle**\$21.00**
Per Dozen
Weight Per Dozen 15 Pounds.
One-twelfth Dozen in a Box.

HORSE TOOTH FILES



No. 7—Rasp Cut on One Side and File Cut on Opposite Side**\$7.00**
Per Dozen
One Dozen in a Box.

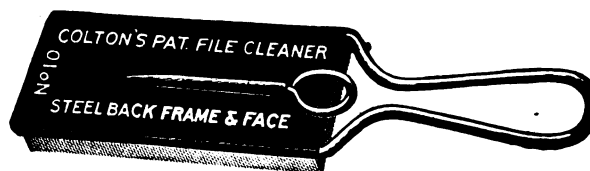


No. 7A—File Cut on Both Sides**\$7.00**
Per Dozen
One Dozen in a Box.

FILE CLEANERS



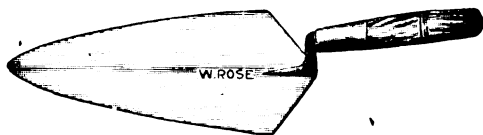
No. 1N—10 inches Long Over All, 4¾ x 1½ inch Face, Varnished Hardwood Back and Handle, Hardened Steel Wire Brush on One Side Only, Attached to Leather Face, Complete with Steel Scraper**\$3.00**
Per Dozen
Weight Per Dozen 4 Pounds.
One-half Dozen in a Box.



No. 10—4x2 inch Back, 3¾ inch Handle, Steel Back, Frame and Face, Tempered Steel Wire Bristles, Complete with Soft Steel Pick**\$3.00**
Per Dozen
Weight Per Dozen 3 Pounds.
One-half Dozen in a Box.

BRICK TROWELS

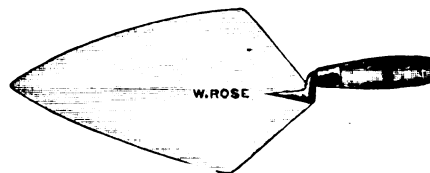
ROSE



No. 110—Philadelphia Pattern, Extra Quality Cast Steel Blade, Ground and Polished, Solid Shank, Seasoned Hardwood Handle, Polished Steel Ferrule.

Length, Inches	10	10½	11
Weight Per Dozen, Lbs...	12	13	14
Per Dozen	\$19.00	20.00	21.00
Length, Inches	11½	12	12½
Weight Per Dozen, Lbs...	14½	15	16
Per Dozen	\$22.00	23.00	24.00

One-half Dozen in a Box.

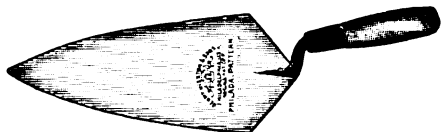


No. 223—Milwaukee Pattern, Extra Wide Heel, Extra Quality Cast Steel Blade, Ground and Polished, Solid Shank, 6 inch Seasoned Hardwood Handle, Polished Steel Ferrule.

Size, Inches	10½x6	10½x6½	11x6	11x6½
Weight Per Dozen, Lbs.	15	15	15½	16
Per Dozen	\$20.50	21.50	22.00	23.00
Size, Inches	11x7	11½x6	11½x6½	12x6½
Weight Per Dozen, Lbs.	16	16½	16¾	17
Per Dozen	\$27.00	23.00	24.00	25.00

One-half Dozen in a Box.

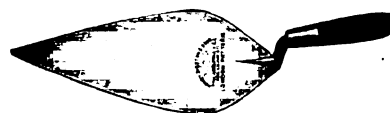
DISSTON



No. 10—Philadelphia Pattern, Extra Quality Crucible Steel Blade, Tempered, Ground and Polished, Seasoned Hardwood Handle, Polished Steel Ferrule.

Length, Inches.....	10	10½	11	11½	12
Wt. Per Dozen, Lbs.	12	13	14	14½	15
Per Dozen	\$16.00	16.50	17.00	17.50	18.00

One-half Dozen in a Box.

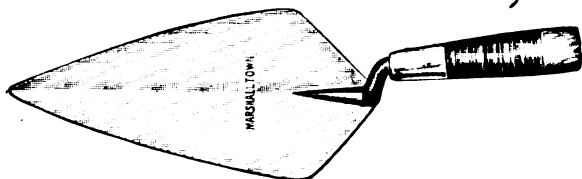


No. 5—London Pattern, Extra Quality Crucible Steel Blade, Tempered and Polished, Seasoned Hardwood Handle, Polished Steel Ferrule.

Length, Inches.....	10	10½	11	11½	12
Wt. Per Dozen, Lbs.	11	12	13	13½	14
Per Dozen	\$14.00	14.50	15.50	16.00	17.00

One-half Dozen in a Box.

MARSHALLTOWN EXPERT



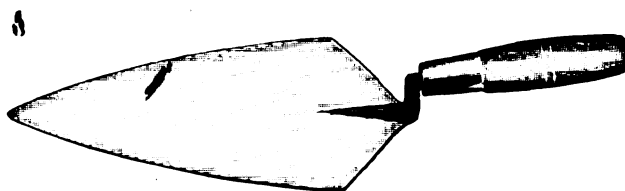
No. 21L—Light Forged Best Quality Crucible Trowel Steel Blade, Taper Ground, Oil Tempered, Full Polished, Solid Shank, Leather Handle, Polished Steel Ferrule.

Size, Inches	10½x6	11x6	11½x6½
Per Dozen	\$22.00	22.00	22.00

Average Weight Per Dozen 13 Pounds.

One-half Dozen in a Box.

IOWA



No. 25—Good Quality Cast Steel Blade, Polished, Solid Shank, Hardwood Handle, Polished Steel Ferrule.

Length, Inches	10½	11	11½
Per Dozen	\$12.00	12.00	12.00

Average Weight Per Dozen 12 Pounds.

One-half Dozen in a Box.

JUDD'S



No. 26—London Pattern, Forged Steel Blade, Solid Shank, Hardwood Handle, Polished Steel Ferrule.

Length, Inches	8	9	10	11	12
Weight Per Dozen, Lbs..	9	10	11	13	14
Per Dozen	\$7.00	8.00	8.50	9.00	10.00

One-half Dozen in a Box.

HANDY



No. 2H—Philadelphia Pattern, Cast Steel Blade, Riveted Shank, Hardwood Handle, Polished Steel Ferrule.

Length, Inches	10
Weight Per Dozen, Lbs.....	7
Per Dozen	\$4.00

One-half Dozen in a Box.

POINTING TROWELS

DISSTON

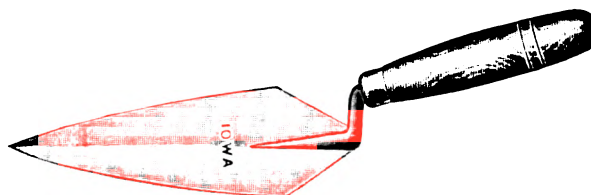


No. 15—Extra Quality, Crucible Steel Blade, Tempered, Ground and Polished, Solid Shank, Hardwood Handle, Polished Steel Ferrule.

Length, Inches	4	4½	5	5½	6
Wt. Per Dozen, Lbs.	2	2½	3	3¼	3½
Per Dozen	\$6.00	6.30	6.70	7.00	7.30

One-half Dozen in a Box.

IOWA

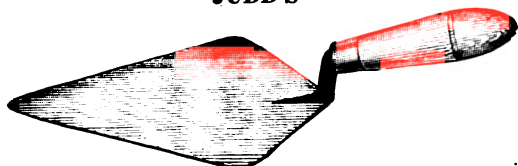


No. 25P—Forged Special Steel, Taper Ground, Tempered, Nicely Finished, Solid Shank, Hardwood Handle, Polished Steel Ferrule.

Length, Inches	4	4½	5	5½
Weight Per Dozen, Lbs.	2	2½	3	3¼
Per Dozen	\$5.00	5.25	5.50	6.00

One-half Dozen in a Box.

JUDD'S



No. 20—Forged Steel Blade, Solid Shank, Hardwood Handle, Polished Steel Ferrule.

Length, Inches	4	4½	5	5½	6
Weight Per Dozen, Lbs.	2	2½	3	3¼	3½
Per Dozen	\$4.00	4.25	4.50	4.75	5.00

One-half Dozen in a Box.

HANDY

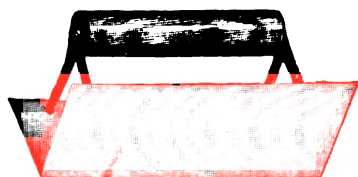


No. 0—Cast Steel Blade, Riveted Shank, Hardwood Handle, Polished Steel Ferrule.

Length, Inches	5
Weight Per Dozen, Lbs.	3
Per Dozen	\$2.00

One-half Dozen in a Box.

CORNER TROWELS



JUDD'S

No. 6—6 inch Polished Cast Steel Blade, Riveted to Malleable Iron Handle
Braces, Hardwood Handle

Per Dozen

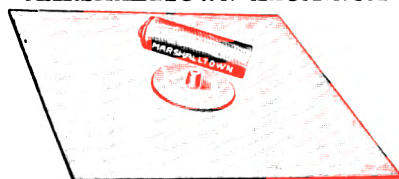
\$10.00

Weight Per Dozen 5 Pounds.

One-half Dozen in a Box.

PLASTERERS' HAWKS

MARSHALLTOWN ALUMINUM



Hard Rolled Aluminum, Slightly Oval Face, Detachable Hardwood Handle.

Has a 3¼ inch Flange with Hub extending ¾ of an inch to receive thread on handle, which makes the Hawk very strong and durable.

No.	2H
Size, Inches	13½ x 13½
Weight Per Dozen, Lbs.	24
Per Dozen	\$44.00

One-quarter Dozen in a Box.

PLASTERERS' DARBIES

MARSHALLTOWN ALUMINUM



Aluminum, Sawed Edges.

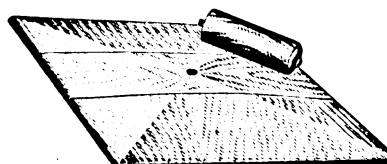
No. 2D—44x3½ inches, with One Handle and 18 inch Rib	Per Dozen
	\$46.00

Strong, light and flexible. Will hold its shape.

Weight Per Dozen 27 Pounds.

One-half Dozen in a Box.

MARSHALLTOWN WOOD



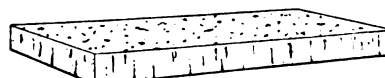
First Quality Cedar, Shellac Coated, Detachable Hardwood Handle.

A Cross Piece is Dovetailed into the Board, which prevents Splitting and Warping. A Steel Bolt through Handle Screws into an Iron Nut.

No.	22
Size, Inches	13½ x 13
Weight Per Dozen, Lbs.	24
Per Dozen	\$14.00

One-quarter Dozen in a Box.

PLASTERERS' CORK FLOATS



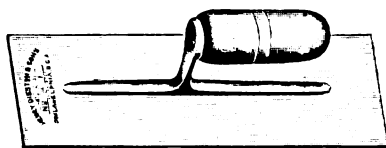
Solid Cork, Smoothed On Both Sides.

Nos.	1	2	3
Size, Inches	12x4x1	12x4x1½	12x4x1½
Per Dozen	\$4.00	5.00	6.00

Open Stock.

PLASTERING TROWELS

DISSTON

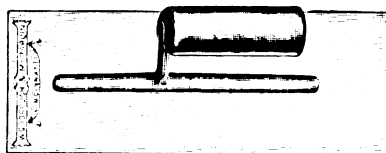


No. 1—Highest Grade Crucible Steel Blade, Carefully Tempered and Ground, Polished, Riveted Malleable Iron Mounting, Hardwood Handle, Fastened by an Improved Method, Not Liable to Come Loose.

Length, Inches	10 1/2	11	11 1/2	12
Width, Inches	4 1/2	4 5/8	4 3/4	5
No. of Rivets	4	4	4	4
Weight Per Dozen, Lbs.	10 1/2	11	12 1/2	13
Per Dozen	\$21.00	23.00	25.00	28.00

One-half Dozen in a Box.

WOODROUGH & McPARLIN

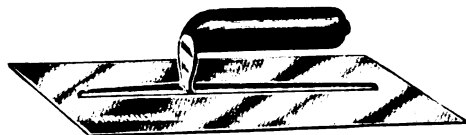


No. 121—Cincinnati Pattern, High Grade Cast Steel Blade, Tempered, Ground and Polished, Riveted Malleable Iron Mounting, Hardwood Handle.

Length, Inches	10 1/2	11	11 1/2	12
Width, Inches	4 1/2	4 5/8	4 3/4	5
Weight Per Dozen, Lbs.	10 1/2	11	12 1/2	13
Per Dozen	\$20.00	21.00	22.00	23.00

One-half Dozen in a Box.

MARSHALLTOWN FINISHING



Finest Quality Crucible Spring Steel Blades, Slightly Hollow Ground.

Hardened Mounting, Full Polished Blade and Mounting, Ten Rivets, Plain White Handle.

Nos.	MF2	MF3	MF4	MF6	MF7
Length, Inches	11 1/2	11	11 1/2	11 1/2	12
Width, Inches	4 1/2	4 3/4	4 3/4	5	5
Per Dozen	\$36.00	36.00	36.00	36.00	36.00

No. MF4H—With High Lift, Otherwise Same as No. MF4

Average Weight Per Dozen 13 Pounds.

One-third Dozen in a Box.

GREYHOUND FINISHING AND BROWNING

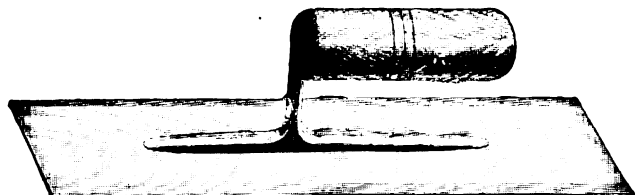
No. 2G—Medium, 21 Gauge Steel Blade, Well Hammered and Blocked, 4 3/4 inches Wide, Countersunk Rivets, Cork Handle.

Length, Inches	11	11 1/2	12
Per Dozen	\$35.00	36.00	38.00

Average Weight Per Dozen 13 Pounds.

One-third Dozen in a Box.

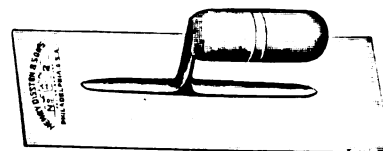
WILSON



No. 3—Cast Steel Blade, Tempered and Polished, Riveted Mounting, Hardwood Handle.

Length, Inches	10 1/2	11 1/2
Weight Per Dozen, Lbs.	10	11
Per Dozen	\$10.00	11.00

One-half Dozen in a Box.

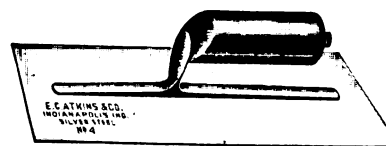


No. 2—Highest Grade Crucible Steel Blade, Carefully Tempered and Ground, Polished, Riveted Malleable Iron Mounting, Hardwood Handle.

Length, Inches	10 1/2	11	11 1/2	12
Width, Inches	4 1/2	4 5/8	4 3/4	4 7/8
No. of Rivets	3	3	4	4
Weight Per Dozen, Lbs.	10 1/2	11	12 1/2	13
Per Dozen	\$18.50	20.50	22.00	24.00

One-half Dozen in a Box.

ATKINS

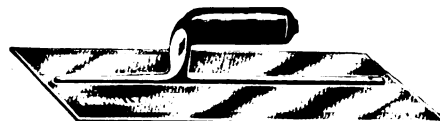


No. 4—Indiana Pattern, Silver Steel Blade, Polished, Cast Steel Mounting, Ten Rivets, Ebony Finished Hardwood Handle.

Length, Inches	11	11 1/2	12
Width, Inches	4 3/4	4 3/4	5
Weight Per Dozen, Lbs.	11	12	13
Per Dozen	\$27.00	28.50	30.00

One-half Dozen in a Box.

MARSHALLTOWN BROWNING



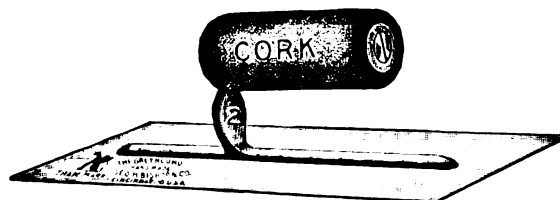
Flat Face, Crucible Spring Steel Blade, Ground Full Taper.

Hardened Mounting, Full Polished Blade and Mounting, Twelve Rivets, Plain White Handle.

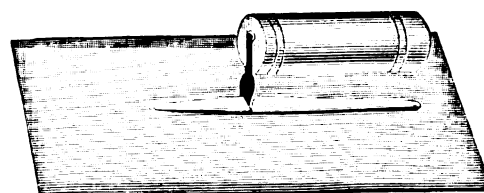
No.	MB4
Width, Inches	4 3/4
Length, Inches	11 1/2
Per Dozen	\$36.00

Average Weight Per Dozen 13 Pounds.

One-third Dozen in a Box.



No. 2G.
HANDY



No. H—Cast Steel Blade, Hardwood Handle.

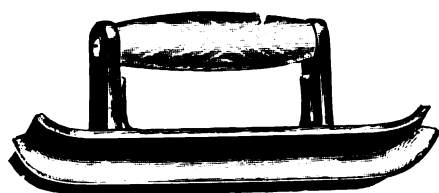
Length, Inches	11
Weight Per Dozen, Lbs.	10
Per Dozen	\$6.00

One-half Dozen in a Box.

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CEMENT WORKERS' TOOLS

JOINTERS



Both Ends Rounded.
6 inches Long, 2 3/4 inches Wide, Cuts
1/2 inch Deep.

- Per Dozen
- No. 1—Iron, Nickel Plated,
Weight Per Dozen 14 Lbs. \$ 7.00
- No. X01—Special Hard Alumi-
num, Weight Dozen 7 Lbs. 13.50
- No. 01—Solid Bronze, Weight
Per Dozen 17 Lbs. 16.00

9 inches Long, 3 inches Wide, Cuts
1/2 inch Deep.

- Per Dozen
- No. 3—Iron, Nickel Plated,
Weight Per Dozen 20 Lbs. \$10.20
- No. X03—Special Hard Alumi-
num, Weight Dozen 9 Lbs. 18.00
- No. 03—Solid Bronze, Weight
Per Dozen, 25 Lbs. 21.60



Narrow, Both Ends Rounded.
8 inches Long, 1 3/4 inches Wide, Cuts
1/2 inch Deep.

- Per Dozen
- No. 41—Iron, Nickel Plated,
Weight Dozen 14 Lbs. \$ 8.00
- No. 041—Solid Bronze, Weight
Per Dozen 16 Lbs. 17.00



One Straight End.
6 inches Long, 3 inches Wide, Cuts 1/2
inch Deep.

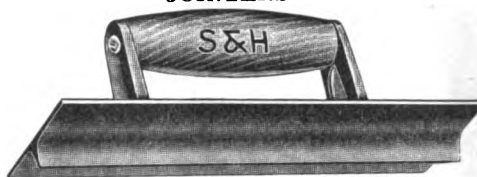
- Per Dozen
- No. 5—Iron, Nickel Plated,
Weight Per Dozen 16 1/2
Lbs. \$ 8.00
- No. X05—Special Hard Alumi-
num, Weight Dozen 8 Lbs. 14.00
- No. 05—Solid Bronze, Weight
Per Dozen 20 Lbs. 17.00



Narrow, One Straight End.
8 inches Long, 1 3/4 inches Wide, Cuts
1/2 inch Deep.

- Per Dozen
- No. 42—Iron, Nickel Plated,
Weight Per Dozen 14 Lbs. \$ 8.00
- No. 042—Solid Bronze, Weight
Per Dozen 16 Lbs. 17.00

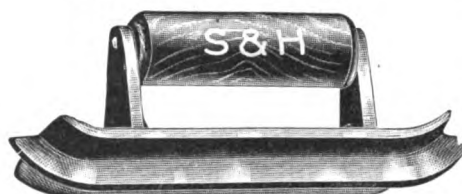
JOINTERS



Both Ends Straight.
8 inches Long, 2 1/2 inches Wide, Cuts
1/2 inch Deep.

- Per Dozen
- No. 65—Iron, Nickel Plated,
Weight Per Dozen 16 Lbs. \$ 9.00
- No. 065—Solid Bronze, Weight
Per Dozen 20 Lbs. 18.00

DRIVEWAY GROOVERS



Both Ends Rounded.
9 inches Long, 3 inches Wide, Makes
V-Shaped Groove 3/4 inch Deep.

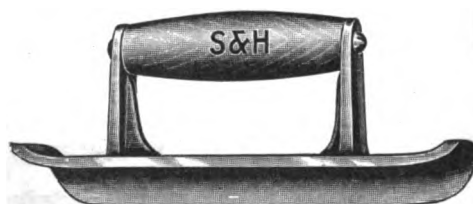
- Per Dozen
- No. 19—Iron, Nickel Plated,
Weight Per Dozen 25 Lbs. \$10.20
- No. 019—Solid Bronze, Weight
Per Dozen 27 Lbs. 21.60

EDGERS



Both Ends Rounded.
6 inches Long, 2 3/4 inches Wide, 3/4 inch
Turned Edge, 3/8 inch Radius.

- Per Dozen
- No. 2—Iron, Nickel Plated,
Weight Per Dozen 14 Lbs. \$ 7.00
- No. X02—Special Hard Alumi-
num, Weight Dozen, 7 Lbs. 13.50
- No. 02—Solid Bronze, Weight
Per Dozen 16 Lbs. 18.00
- 10 inches Long, 3 1/4 inches Wide,
3/4 inch Turned Edge, 3/8 inch Radius.
- Per Dozen
- No. A2—Iron, Nickel Plated,
Weight Per Dozen 29 Lbs. \$18.00

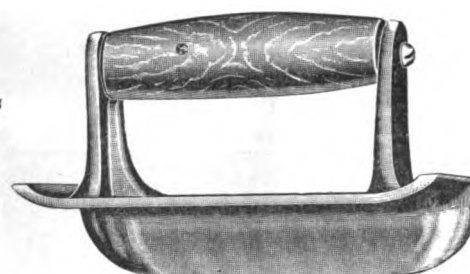


Narrow, Both Ends Rounded.
8 inches Long, 1 3/4 inches Wide, 3/4 inch
Turned Edge, 3/8 inch Radius.

- Per Dozen
- No. 38—Iron, Nickel Plated,
Weight Per Dozen 14 Lbs. \$ 8.00
- No. 038—Solid Bronze, Weight
Per Dozen 16 Lbs. 17.00

All Above, One-sixth Dozen in a Box.

EDGERS



Both Ends Rounded.
6 inches Long, 3 inches Wide, 1 inch
Turned Edge, 3/4 inch Radius.

- Per Dozen
- No. 4—Iron, Nickel Plated,
Weight Per Dozen 18 Lbs. \$ 8.00
- No. X04—Special Hard Alumi-
num, Weight Dozen 9 Lbs. 14.00
- No. 04—Solid Bronze, Weight
Per Dozen 20 Lbs. 17.00

SQUARE EDGERS



Both Ends Rounded.
6 inches Long, 3 inches Wide, 1 1/2 inch
Cutting Edge.

Used for finishing the edges of steps,
carriage blocks or walks where it is de-
sirable to have the edges square.

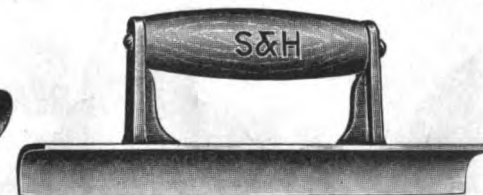
- Per Dozen
- No. 17—Iron, Nickel Plated,
Weight Per Dozen 17 Lbs. \$10.00
- No. X017—Special Hard Alumi-
num, Weight Dozen 8 Lbs. 14.00
- No. 017—Solid Bronze, Weight
Per Dozen 20 Lbs. 17.00

EDGERS



8 inches Long, 2 1/2 inches Wide, 3/8 inch
Radius.

- Per Dozen
- No. 64—Iron, Nickel Plated,
Weight Per Dozen 15 Lbs. \$ 9.00
- No. 064—Solid Bronze, Weight
Per Dozen 17 Lbs. 18.00

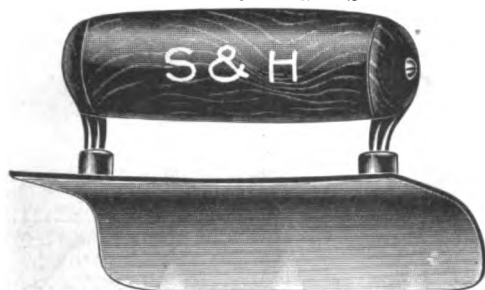


8 inches Long, 2 3/4 inches Wide, 3/8 inch
Radius.

- Per Dozen
- No. 63—Iron, Nickel Plated,
Weight Per Dozen 15 Lbs. \$ 9.00
- No. 063—Solid Bronze, Weight
Per Dozen 18 Lbs. 18.00

CEMENT WORKERS' TOOLS

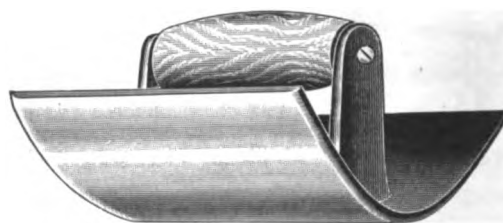
CURBING EDGERS



6 1/4 inches Long, 3 1/2 inches Wide, 1 1/2 inch Turned Edge,
1 1/2 inch Radius.

Per Dozen
No. 100—Iron, Nickel Plated, Wt. Per Dozen 19 Lbs. \$14.40
No. 0100—Solid Bronze, Wt. Per Dozen 21 Lbs. 21.60
Used for edges of curbs and has a slightly oval surface.

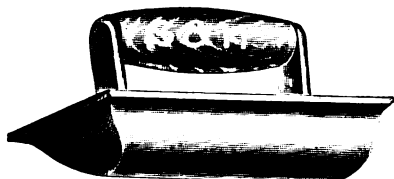
CURB-GUTTER TOOLS



6 inches Long, Width of Sides 3 inches.

Per Dozen
No. 26—Iron, Nickel Plated, Wt. Per Dozen 24 Lbs. \$14.40
No. 026—Solid Bronze, Wt. Per Dozen 28 Lbs. 24.00
Used for finishing the curve formed in making a combined curb gutter, having the right curvature for this purpose.

GUTTER TOOLS

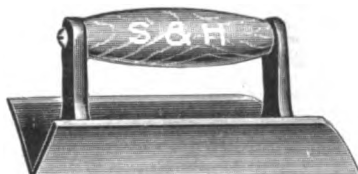


6 inches Long, 3 1/2 inches Wide, 1 inch Deep.

Per Dozen
No. 8—Iron, Nickel Plated,
Weight Per Dozen 21 Lbs. \$14.40
6 inches Long, 5 inches Wide, 1 1/2 inches Deep, for Making Larger Gutters.

Per Dozen
No. 9—Iron, Nickel Plated,
Weight Per Dozen 24 Lbs. \$18.00
No. 09—Solid Bronze, Weight
Per Dozen 26 Lbs. 30.00

CORNER TOOLS



6 inches Long, Width of Sides
1 1/2 inches.

Used for finishing inside of corners of steps, etc. Has one end straight and one end curving back for working in corners against framework.

Per Dozen
No. 6—Iron, Nickel Plated,
Weight Per Dozen 13 Lbs. \$ 7.00
No. 06—Solid Bronze, Weight
Per Dozen 16 Lbs. 16.00
All Above, One-sixth Dozen in a Box.

FLOATS



Aluminum, Corrugated Face.

Per Dozen
No. 59—10 inches Long, 4
inches Wide, Weight Per
Dozen 13 Lbs. \$24.00
Cast in one piece from special hard
aluminum. Corrugated both ways,
which produces a sand finish on walls.

RAISED (TUCK) POINTERS



Used for Making Raised Beading or Pointing Between Cement
Blocks, Stone, Brick, Etc.

Length of Blade 5 inches, Length Over All 9 1/2 inches.

Per Dozen
No. 12—Iron, Nickel Plated, Width of Blade 1/4, 3/8 or
1/2 inch, Weight Per Dozen 4 Lbs. \$ 6.00
No. 012—Solid Bronze, Width of Blade 1/4, 3/8 or 1/2
inch, Weight Per Dozen 5 Lbs. 12.00
One Dozen in a Box.

NOTE—State
Width When
Ordering.

CONVEX POINTERS



Used for Pointing Off Brick or Stone Walls, Etc.
Length of Blade 5 inches, Length Over All 9 1/2 inches.

Per Dozen
No. 61—Iron, Nickel Plated, Width of Blade 1/4, 3/8 or
1/2 inch, Weight Per Dozen 4 Lbs. \$6.00
One Dozen in a Box.

RADIUS TOOLS



Per Dozen
No. 23—3/8 inch Radius, Iron, Nickel Plated, Weight Per Dozen 6 Lbs. \$6.00
No. 11—1/4 inch Radius, Iron, Nickel Plated, Weight Per Dozen 6 Lbs. 6.00
Used in laying out and finishing curves and circles. Its shape permits the finishing of either
the inside or the outside of any size circular work.

One-sixth Dozen in a Box.

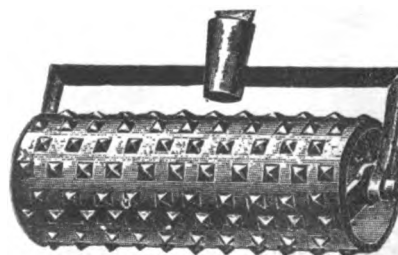
TAMPERS



Good Grade
Cast Iron,
Japanned,
4 foot
Hardwood
Handle.

Each
No. 6—8x8 inch Face, Weight Each 17 Lbs. \$1.50
No. 7—10x10 inch Face, Weight Each 20 Lbs. 1.75
Extra Handles Per Dozen, 4.50

INDENTATION ROLLERS



Cylinder 10 inches
Long and 4 inch
Diameter.
Detachable Hardwood
Handle, 14 1/2 inches
Long.

Each
No. 15—Iron, Nickel Plated, Weight Each 9 Lbs. \$ 4.00
No. 015—Solid Bronze, Weight Each 11 Lbs. 12.00

CEMENT WORKERS' TOOLS

S. & H. DETACHABLE LONG HANDLE AND CLAMP

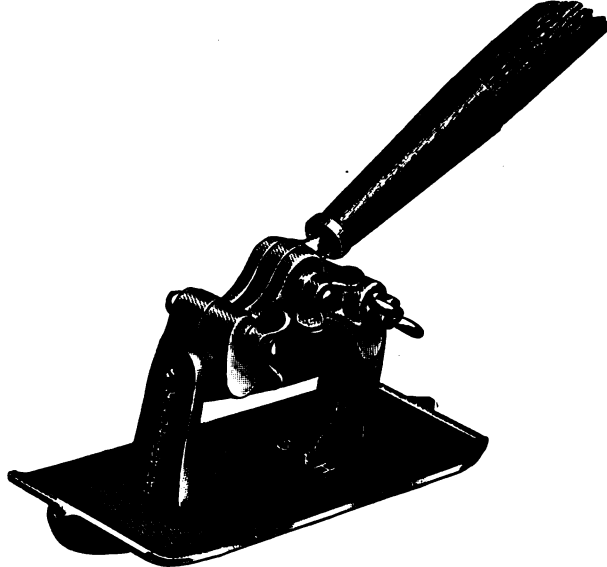
This Long Handle and Clamp fits all Cement Workers' Tools with the short handles described on preceding pages.

A long handle tool can be made in an instant's time by tightening the clamp on to the short handle, and you have a solid, rigid tool that works to perfection.

The Clamp is made from either hard bronze or malleable iron, supplied with 3 strong bolts and steel thumb nuts, and fitted with 6 foot hardwood handle.



Cut Showing Clamp and Part of Long Handle.



Cut Showing Jointer or Groover Attached to Clamp and 6 foot Hardwood Handle.



Use of Edger.



Working Trowels from an Angle.



Showing Advantage of Long Handle.

	Per Dozen
No. 1—Malleable Iron Clamp, 6 foot Hardwood Handle	\$24.00
No. 2—Hard Bronze Clamp, 6 foot Hardwood Handle	29.00

Average Weight Per Dozen 30 Pounds.

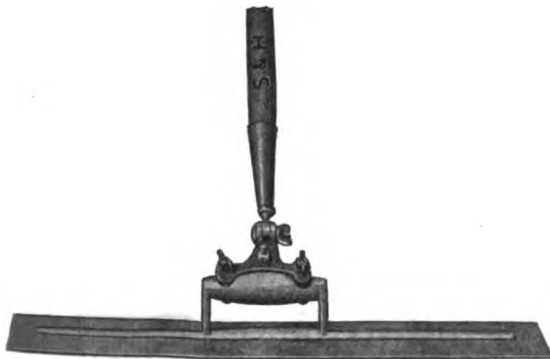
By having a long handle on each tool a great deal of room is taken up in the tool box, but by keeping all hand tools in a box and a few separate long handles, the tools are easy to move from one place to another and they do not take up much room.

LONG HANDLE TROWELS

This Trowel is made from the best tempered steel. Mountings and handle are cast in one piece from aluminum and riveted securely on to the blade. The handle on the trowel being hollow, makes the tool light, at the same time this tool is strong and will stand hard usage. The knuckle on the long handle makes it possible to work with the tool in any conceivable angle, either up or down or sidewise, a feature much appreciated by a workman.

Best Tempered Steel Blade, Complete with 6 foot Hardwood Handle and Adjustable Clamp.

	Each
No. 20T—20 inches Long, 5 inches Wide, Weight Each 3 ¾ Lbs...	\$5.00
No. 24T—24 inches Long, 5 inches Wide, Weight Each 4 ½ Lbs...	5.50



Cut Showing Long Handle Trowel.

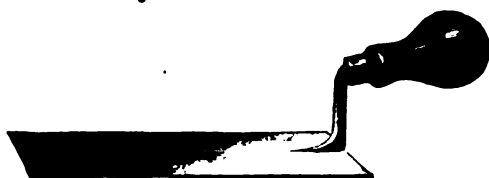
LONG HANDLE FLOATS

Aluminum Blade, Built and Mounted Like the Steel Trowels Described Above.

	Each
No. 20F—20 inches Long, 5 inches Wide, with 6 foot Hardwood Handle and Adjustable Clamp, Weight Each 4 ¼ Lbs...	\$6.60
No. 24F—24 inches Long, 5 inches Wide, with 6 foot Hardwood Handle and Adjustable Clamp, Weight Each 4 ½ Lbs...	7.00

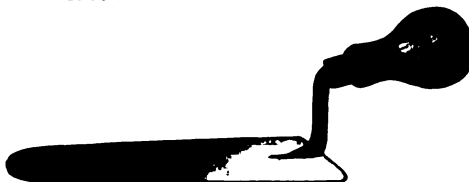
MOULDERS' TOOLS

SQUARE TROWEL



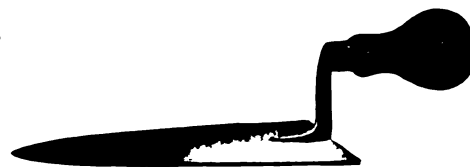
Prices Per Dozen.				
Lgth. Bld., In.	4½	5	5½	6
1 in. Wide..	\$7.20	7.92	8.64	9.36
1¼ in. Wide..	7.92	8.64	9.36	10.08
1½ in. Wide..	8.64	9.36	10.08	10.80

NO. 1 FINISHING TROWEL



Prices Per Dozen.				
Lgth. Bld., In.	4½	5	5½	6
1 in. Wide..	\$7.20	7.92	8.64	9.36
1¼ in. Wide..	7.92	8.64	9.36	10.08
1½ in. Wide..	8.64	9.36	10.08	10.80

NO. 2 FINISHING TROWEL



Prices Per Dozen.		
Length Blade, Inches.....	5½	
1½ inches Wide.....	\$10.80	

HEART TROWEL



Width Blade, In..	2	2¼	2½
Per Dozen	\$8.64	10.80	12.24

HEART AND LEAF



No. 22.		
Width Blade, Inches..	1	1¼
Per Dozen	\$7.20	8.64

HEART AND SQUARE



No. 23.		
Width Blade, In..	¾	1
Per Dozen	\$6.48	7.20

NO. 1 TAPER AND SQUARE



No. 24.	
Width Blade, Inches.....	1
Per Dozen	\$7.92

NO. 2 TAPER AND SQUARE



No. 25.			
Width Blade, Inches....	¾	1	1¼
Per Dozen	\$6.48	7.20	7.92

TAPER AND SQUARE SPOON



No. 28.			
Width Blade, In..	1	1¼	1½
Per Dozen	\$7.92	9.36	10.80

SLICK AND OVAL SPOON



No. 29.			
Width Blade, In.	¾	1	1¼
Per Dozen	\$7.20	7.92	9.36

HEART AND SQUARE SPOON



No. 30.			
Width Blade, In..	1	1¼	1½
Per Dozen	\$7.20	8.64	10.08

HEART AND OVAL SPOON



No. 31.			
Width Blade, In..	1	1¼	1½
Per Dozen	\$7.20	8.64	10.08

DOUBLE SQUARE



No. 37.				
Width Blade, In..	¾	¾	¾	1
Per Dozen	\$7.20	7.92	8.64	9.36

STOVE TOOL



No. 1.			
Width Blade, In....	¾	¾	¾
Per Dozen	\$7.20	7.92	8.64

BENCH LIFTER



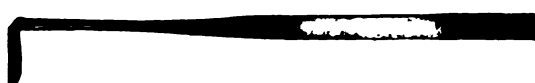
No. 1.				
Width Blade, Inches.....	¾	¾	¾	¾
Per Dozen	\$6.48	7.20	7.92	8.64

YANKEE SLICK



No. 15.				
Width Blade, Inches....	¾	¾	¾	1
Per Dozen	\$7.20	7.92	8.64	10.08

LIFTERS



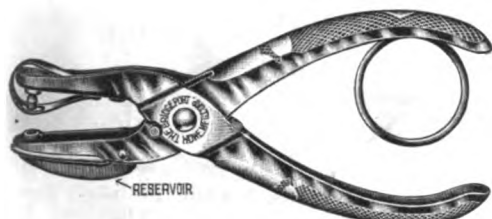
No. 42.			
Length, Inches	12	14	16
Width of Blade ¾ inch, Per Dozen,	\$7.92	8.64	9.36
Width of Blade ¾ inch, Per Dozen,	8.64	9.36	10.08
Width of Blade ¾ inch, Per Dozen,	9.36	10.08	10.80

FLANGE LIFTERS



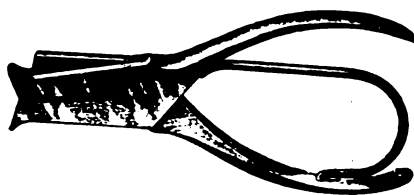
No. 46.		
Length, Inches	14	16
Width of Blade ¾ inch, Per Dozen,	\$15.12	15.84
Width of Blade ¾ inch, Per Dozen,	15.84	16.56

TICKET PUNCHES



Per Dozen

No. 260—5 inches Long, Sheet Steel, Tempered Steel Stripper and Spring, Scored Handles, Nickel Plated, Assorted Designs, with Reservoir.....\$4.50
Weight Per Dozen 1 3/4 Pounds.
One-half Dozen in a Box.



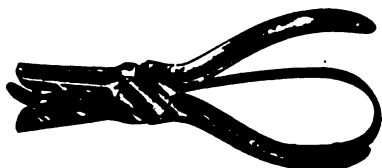
Per Dozen

No. 2200—4 1/2 inches Long, 3/4 inch Reach, Forged Steel, Steel Spring, Nickel Plated, Assorted Designs.....\$8.00
Weight Per Dozen 2 Pounds.
One-half Dozen in a Box.



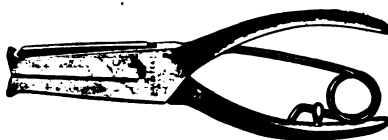
Per Dozen

No. 4592—4 1/2 inches Long, 3/4 inch Reach, Forged Steel, Volute Spring, Nickel Plated, Assorted Designs.....\$10.00
Weight Per Dozen 2 1/4 Pounds.
One-half Dozen in a Box.



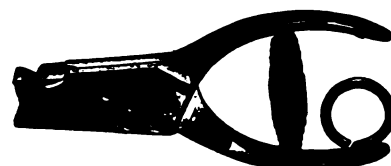
Per Dozen

No. 2500—5 inches Long, 1 inch Reach, Forged Steel, Steel Spring, Nickel Plated, Assorted Designs.....\$16.00
Weight Per Dozen 2 1/2 Pounds.
One-half Dozen in a Box.



Per Dozen

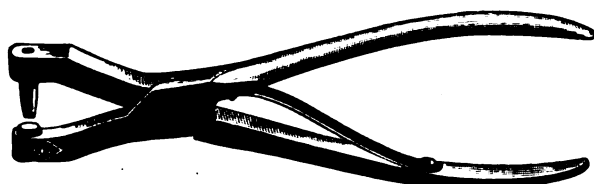
No. 2570—5 inches Long, 1 1/4 inch Reach, Forged Steel, Nickel Plated, Hardened and Tempered Dies, Assorted Designs.....\$28.00
Weight Per Dozen 3 Pounds.
One-half Dozen in a Box.



Per Dozen

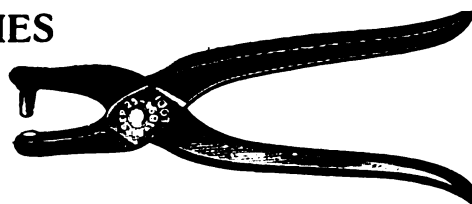
No. 4591—4 1/2 inches Long, 1 inch Reach, Forged Steel, Nickel Plated, Volute Spring, Assorted Designs, a High Grade Punch.....\$25.00
Weight Per Dozen 3 Pounds.
One-half Dozen in a Box.

SPRING PUNCHES



Per Dozen

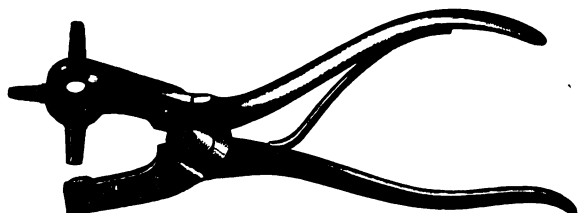
No. 25—8 inches Long, 1 "Drive" Tube, Solid Forged Steel, Polished, Assorted Sizes Tubes.....\$6.00
Weight Per Dozen 6 Pounds.
One-half Dozen in a Box.



Per Dozen

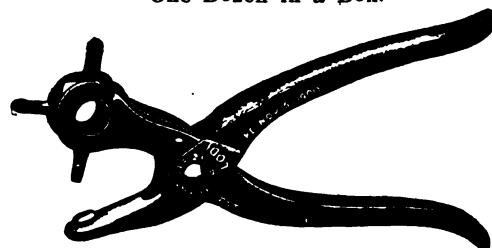
No. 361—Lodi, 6 inches Long, 1 "Riveted" Tube, Stamped Steel Frame, Bright Finish, Assorted Sizes Tubes.....\$4.00
Extra Tubes—Assorted Sizes.....1.50
Weight Per Dozen 3 1/4 Pounds.
One Dozen in a Box.

REVOLVING



Per Dozen

No. 26—8 inches Long, 4 "Drive" Tubes, Solid Forged Steel, Polished, Assorted Sizes Tubes.....\$10.00
Weight Per Dozen 9 1/2 Pounds.
One-half Dozen in a Box.



Per Dozen

No. 364—Lodi, 8 inches Long, 4 "Drive" Tubes, Stamped Steel Frame, Bright Finish, Assorted Sizes Tubes.....\$8.50
Extra Tubes—Assorted Sizes.....1.50
Weight Per Dozen 4 1/2 Pounds.
One-half Dozen in a Box.

EXTRA TUBES



Per Dozen

No. 025—To Drive, Assorted Sizes.....\$1.50



Per Dozen

No. 026—To Screw, Assorted Sizes.....\$2.00

SADDLERS' OR BELT PUNCHES



Drop Forged Steel, Oil Tempered, Oil Finished, Polished Pipe.

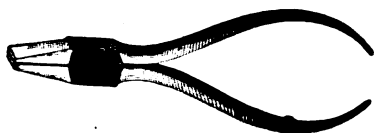
Nos.	01	02	03	04	05	06	07	08	09	010	011	012	013	014
Diameter Hole, Inches.....	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Length, Inches.....	3 3/8	3 3/4	3 3/4	3 3/4	4	4 1/4	4 1/2	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
Weight Per Dozen, Lbs.....	3/4	3/4	3/4	3/4	1	1	1 1/4	1 1/4	1 1/2	1 1/2	2	2	2 1/2	2 1/2
Per Dozen.....	\$1.75	1.75	1.75	1.75	1.75	1.75	2.00	2.00	2.00	2.50	2.50	2.50	4.00	4.00

One Dozen in a Box.

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PLIERS

FLAT NOSE

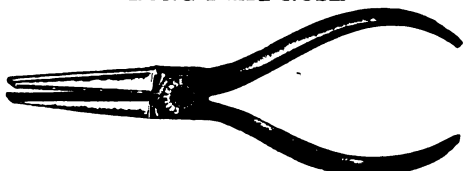


No. 72—Wrought Iron, Steeled, Black Finish, Polished Jaws.

Length, Inches	3	4	4½	5
Weight Per Dozen, Lbs.	¾	1	1¼	1½
Per Dozen	\$2.00	2.25	2.50	3.00
Length, Inches		5½	6	7
Weight Per Dozen, Lbs.		2¼	3¼	5¼
Per Dozen		\$3.50	4.00	5.00

3 to 5 inch, One Dozen; 5½ to 7 inch, One-half Dozen in a Box.

LONG FLAT NOSE

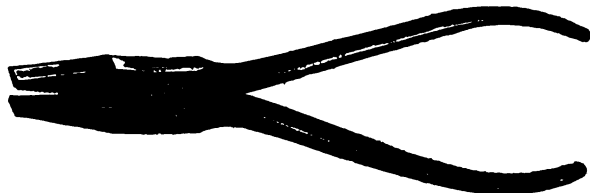


No. 78—Extra Quality Cast Steel, Black Finish, Polished Jaws.

Length, Inches	3	4	4½
Weight Per Dozen, Lbs.	¾	1½	2
Per Dozen	\$4.50	4.75	5.00
Length, Inches	5	5½	6
Weight Per Dozen, Lbs.	2¾	3	3¾
Per Dozen	\$5.50	6.00	6.50

3 to 5 inch, One Dozen; 5½ and 6 inch, One-half Dozen in a Box.

UTICA FLAT NOSE

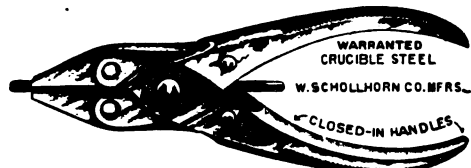


No. 20—Forged Steel, Carefully Tempered, Royal Blue Finish, Full Polished Head.

Length, Inches	4	5	6
Weight Per Dozen, Lbs.	1¾	2¾	4½
Per Dozen	\$7.00	8.00	9.00

One in a Box; One-half Dozen Boxes in a Carton.

BERNARD'S FLAT NOSE

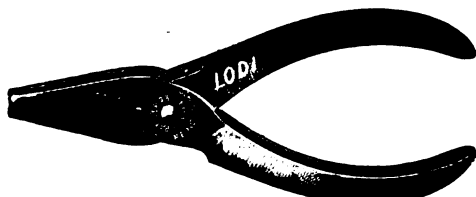


No. 100—Crucible Steel, Open Throat, Parallel Jaws, Closed-in Handles, Full Nickel Plated.

Length, Inches	4½	5½	6½	8
Weight Per Dozen, Lbs.	2	3	3¾	7
Per Dozen	\$9.00	12.00	15.00	18.00

One in a Carton; One-half Dozen Cartons in a Box.

LODI FLAT NOSE



No. 300—Stamped Steel Handles and Jaws, Bright Finish.

Length, Inches	4	4½	5	5½	6
Weight Per Dozen, Lbs.	1	1½	1¾	2½	3
Per Dozen	\$1.25	1.50	1.75	2.00	2.50

One Dozen in a Box.

ROUND NOSE

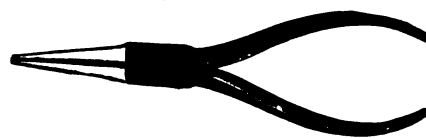


No. 73—Wrought Iron, Steeled, Black Finish, Polished Jaws.

Length, Inches	3	4	4½	5
Weight Per Dozen, Lbs.	¾	1	1¼	1½
Per Dozen	\$2.00	2.25	2.50	3.00
Length, Inches		5½	6	7
Weight Per Dozen, Lbs.		2¼	3¼	5¼
Per Dozen		\$3.50	4.00	5.00

3 to 5 inch, One Dozen; 5½ to 7 inch, One-half Dozen in a Box.

LONG ROUND NOSE

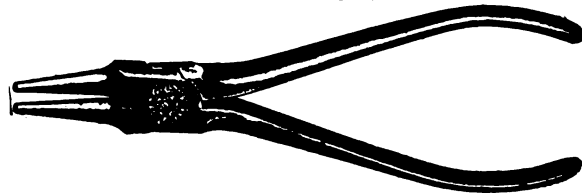


No. 79—Extra Quality Cast Steel, Black Finish, Polished Jaws.

Length, Inches	3	4	4½
Weight Per Dozen, Lbs.	¾	1½	2
Per Dozen	\$4.50	4.75	5.00
Length, Inches	5	5½	6
Weight Per Dozen, Lbs.	2¾	3	3¾
Per Dozen	\$5.50	6.00	6.50

3 to 5 inch, One Dozen; 5½ and 6 inch, One-half Dozen in a Box.

UTICA ROUND NOSE

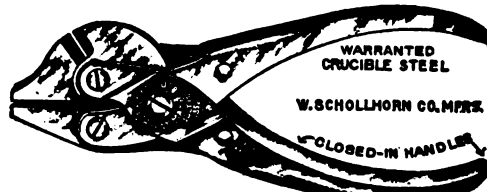


No. 21—Forged Steel, Carefully Tempered, Royal Blue Finish, Full Polished Head.

Length, Inches	4	5	6
Weight Per Dozen, Lbs.	1¾	2¾	4½
Per Dozen	\$7.00	8.00	9.00

One in a Box; One-half Dozen Boxes in a Carton.

BERNARD'S CUTTING

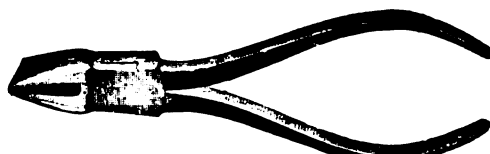


No. 102—Crucible Steel, Open Throat, Parallel Jaws, Closed-in Handles, Full Nickel Plated.

Length, Inches	4½	5½	6½	8
Weight Per Dozen, Lbs.	2¼	3¼	4	7½
Per Dozen	\$18.00	22.00	26.00	38.00
Extra Rear Cutter, Doz.,	4.00	4.50	5.00	5.50
Ex. Front Cutting Jaw, Doz.,	6.00	6.50	7.00	12.00

One in a Carton; One-half Dozen Cartons in a Box.

GLASS



No. 87—6 inches Long, Cast Steel, Black Finish, Polished Jaws

Per Dozen	\$12.00
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Weight Per Dozen 4 Pounds.
One-half Dozen in a Box.

PLIERS

UTICA

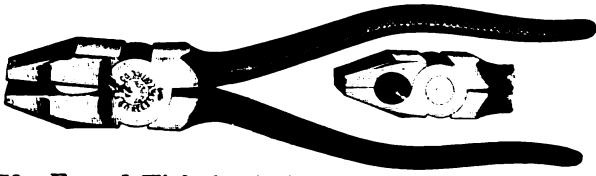
On Display Board.

Forged High Grade Steel Pliers with Checkered Handles, Royal Blue Finish with Full Polished Head.

Per Board

No. 12 Assortment—Consists of 12 Pliers as Follows:
 2 No. 1000 Giant Button's Pliers, 1 Each 6 and 8 inch; 1 No. 700 7 inch Universal Plier with 2 Wire Cutters and Side Cutter; 3 No. 50 Standard Side Cutting Pliers, 1 Each 6, 7 and 8 inch; 1 No. 1950 8 inch Lineman's Heavy Side Cutting Plier; 1 No. 6006 6 inch Box Joint Slip Joint Pliers; 1 No. 5002 6 inch Nickel Plated Combination Plier; 1 No. 655 5½ inch Long Needle Nose Side Cutting Plier; 1 No. 42 5 inch Diagonal Cutting Plier and 1 No. 024 5 inch Milliners' Plier, Put up on a 22¼ x 13¼ inch Nicely Finished Wood Display Board, Each Tool Mounted with a Nickel Plated Screw and Washer, a Tag Between the Handles Gives Number, Size and Price, Weight Per Board 11 Lbs.....\$14.00

UTICA STANDARD SIDE CUTTING

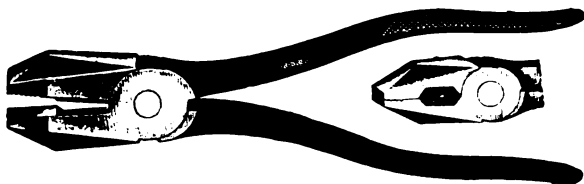


No. 50—Forged High Grade Steel, Checkered Handles, Royal Blue Finish, Full Polished Head.

Length, Inches	5	6	7	8
Weight Per Dozen, Lbs.	3¼	6¼	7¾	10¾
Per Dozen	\$11.00	18.00	15.00	19.00

One in a Box; One-half Dozen Boxes in a Carton.

UTICA HEAVY LINEMEN'S SIDE CUTTING



No. 1950—Forged High Grade Steel, Carefully Tempered, Checkered Handles, Royal Blue Finish, Full Polished Head.

Length, Inches	6	7	8
Weight Per Dozen, Lbs.	6	9	13
Per Dozen	\$18.00	23.00	26.00

One in a Box; One-half Dozen Boxes in a Carton.

SWEDISH LINEMEN'S SIDE CUTTING

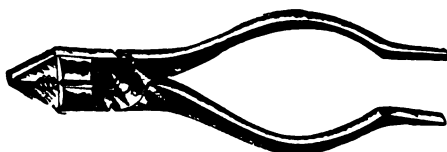


Klein Pattern, Swedish Steel, Tempered, Black Finish, Full Polished Head.

Nos.	60	70	80
Length, Inches	6	7	8
Weight Per Dozen, Lbs.	5	7½	12
Per Dozen	\$17.00	20.00	24.00

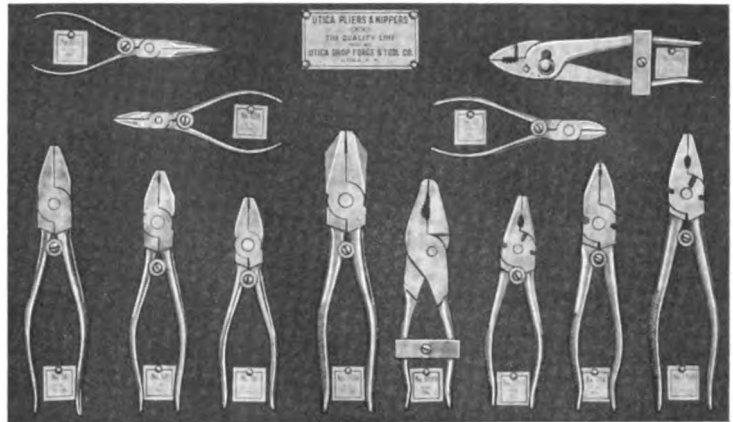
One-half Dozen in a Box.

HOUSEHOLD COMBINATION



No. 628—6 inches Long, Cast Steel, Full Nickel Plated, Combination Flat Nose, Gas, Button and Side Cutting Plier with Screw Driver.....\$10.00
 Weight Per Dozen 7 Pounds.
 One-half Dozen in a Box.

Per Dozen



PEXTO LINEMEN'S SIDE CUTTING



No. 30—Box Joint, "Star Rivet," Forged High Grade Steel, Carefully Tempered, Knurled Handles, Gun Barrel Finish, Full Polished Head.

Length, Inches	6	7	8
Weight Per Dozen, Lbs.	5	7½	10½
Per Dozen	\$17.00	22.00	25.00

One in a Box; One-half Dozen Boxes in a Carton.

KLEIN'S "DIAMOND SPECIAL" LINEMEN'S SIDE CUTTING



No. 201—Forged Special Bar Steel, Machined and Fitted, Carefully Tempered, Black Finish, Full Polished Head.

Length, Inches	6	7	8
Weight Per Dozen, Lbs.	5	7½	12
Per Dozen	\$25.00	30.00	36.00

One in a Carton.

INSULATED LINEMEN'S SIDE CUTTING

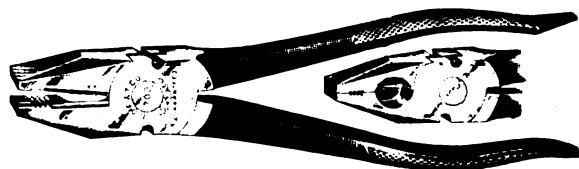


No. 1504—Extra Quality Cast Steel, Polished Head, Hard Rubber Insulated Handles.

Length, Inches	7	8
Weight Per Dozen, Lbs.	7½	12
Per Dozen	\$22.00	25.00

One-half Dozen in a Box.

UTICA UNIVERSAL



Per Dozen

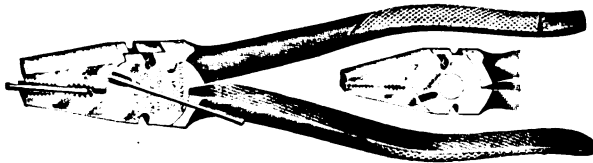
No. 700—7 inches Long, Forged High Grade Steel, Checkered Handles, Royal Blue Finish, Full Polished Head, Combination Flat Nose, Gas, Button and Side Cutting Plier with Screw Driver.....\$16.00

Weight Per Dozen 8½ Pounds.

One in a Box; One-half Dozen Boxes in a Carton.

PLIERS

UTICA GIANT BUTTON'S



No. 1000—Forged High Grade Steel, Carefully Tempered, Checkered Handles, Royal Blue Finish, Full Polished Head.

Length, In...	4½	6	8	10
Wt. Dz., Lbs.	3½	6½	10½	18
Dozen	\$7.00	8.00	10.00	12.00

One in a Box; One-half Dozen Boxes in a Carton.

KRAEUTER'S BUTTON'S



No. 1841—Forged Special Plier Steel, Accurately Tempered, Carefully Fitted, Milled Jaws, Highly Polished.

Length, Inches	6½	8
Wt. Dozen, Lbs.	6½	8½
Dozen	\$9.00	11.50

One-half Dozen in a Box.

PEXTO BUTTON'S

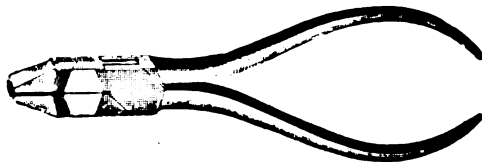


No. 90—Forged Tool Steel, Carefully Tempered, Positive Stop, Blued Handles, Full Polished Head.

Length, In...	4½	6	8	10
Wt. Dz., Lbs.	3	6	9	14
Dozen	\$5.00	6.00	7.50	10.00

One in a Box; One-half Dozen in a Carton.

SIDE CUTTING



No. 91Y—Cast Steel, Removable Flat Cutters, Black Finish, Straw Colored Jaws.

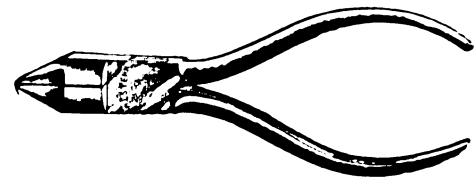
Length, Inches	5	5½	6
Weight Per Dozen, Lbs.	3	4	6
Per Dozen	\$9.00	10.00	11.00

Dozen Pairs

Extra Cutters \$3.00

Per Dozen

No. 091Y—5 inches Long, Nickel Plated.....\$12.00
One-half Dozen in a Box.

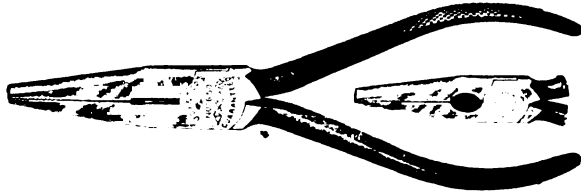


No. 94—Extra Quality Cast Steel, Black Finish, Bright Jaws.

Length, Inches	5	5½
Weight Per Dozen, Lbs.	3	4
Per Dozen	\$7.00	8.00

One-half Dozen in a Box.

UTICA LONG REACH FLAT NOSE SIDE CUTTING



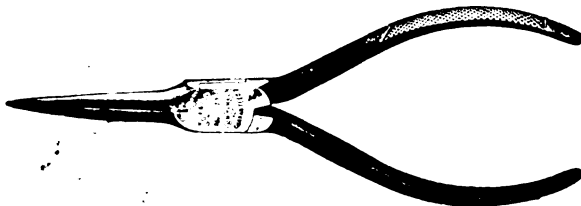
No. 650—5½ inches Long, Forged High Grade Steel, Carefully Tempered, Checkered Handles, Royal Blue Finish, Full Polished Head.....\$13.00

Indispensable for working in deep and narrow places. Used by telephone and electrical workers.

Weight Per Dozen 3½ Pounds.

One in a Box; One-half Dozen Boxes in a Carton.

UTICA LONG NEEDLE NOSE



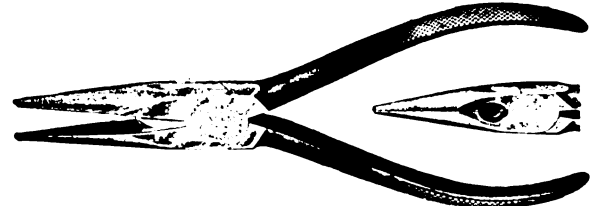
No. 777—5½ inches Long, Forged High Grade Steel, Spring Tempered Nose, Checkered Handles, Royal Blue Finish, Full Polished Head.....\$14.00

Has a long, half-round nose, and is especially adapted to fine work.

Weight Per Dozen 2¼ Pounds.

One in a Box; One-half Dozen Boxes in a Carton.

UTICA LONG NEEDLE NOSE SIDE CUTTING

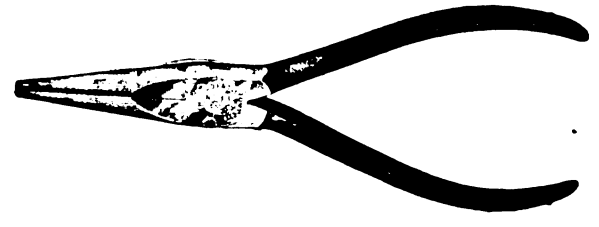


No. 655—5½ inches Long, Forged Extra Quality Steel, Carefully Spring Tempered Nose, Checkered Handles, Royal Blue Finish, Full Polished Head.....\$15.00
Specially adapted for extra fine work. Has strong cutting edges.

Weight Per Dozen 3 Pounds.

One in a Box; One-half Dozen Boxes in a Carton.

JEWELERS' LONG CHAIN NOSE



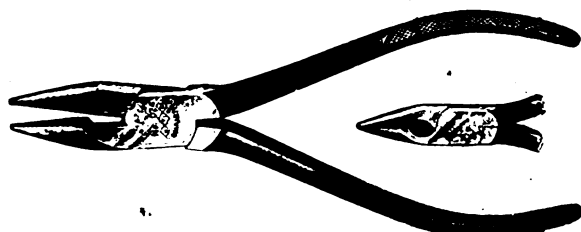
No. 33—5½ inches Long, Forged High Grade Steel, Spring Tempered Nose, Checkered Handles, Royal Blue Finish, Full Polished Head.....\$13.00
For use by jewelers, opticians, assemblers of typewriters, etc.

Weight Per Dozen 3¼ Pounds.

One in a Box; One-half Dozen Boxes in a Carton.

PLIERS

UTICA MILLINER'S



No. 024—Forged High Grade Steel, Checkered Handles, Royal Blue Finish, Full Polished Head.

Length, Inches	4	5
Weight Per Dozen, Lbs.	2	2 ½
Per Dozen	\$11.00	12.00

No. 026—Same as No. 024, but Full Nickel Plated.

Length, Inches	4	5
Per Dozen	\$13.00	14.00

One in a Box; One-half Dozen Boxes in a Carton.

K. & B. COMBINATION SLIP JOINT



Drop Forged High Grade Tool Steel, Properly Fitted and Tempered.

Per Dozen

No. 275N—6 inches Long, Nickel Plated.....\$12.00

No. 275B—6 inches Long, Black Finish.....11.00

No. 278B—8 inches Long, Black Finish.....13.00

Weight Per Dozen 6 ½ Pounds.

One-twelfth Dozen in a Box.

COMBINATION SLIP JOINT



Style of 6 inch.

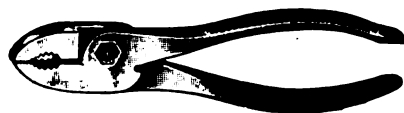
Drop Forged High Grade Tool Steel, Properly Tempered.

No. 357—Nickel Plated.

Length, Inches	6	8
Weight Per Dozen, Lbs.	6 ½	8 ½
Per Dozen	\$5.00	8.00

One-twelfth Dozen in a Box.

KRAEUTER'S COMBINATION SIDE CUTTING



Per Dozen

No. 1873—7 inches Long, Forged Special Steel, Sharp Practical Side Cutter, Sharply Milled Teeth, "Don't Slip" Knurled Handles, Full Nickel Plated,

Possesses Great Leverage.....\$11.00

Weight Per Dozen 6 ½ Pounds.

One-twelfth Dozen in a Box.

VICTOR UNIVERSAL SLIP JOINT



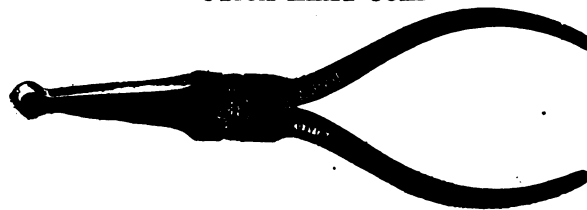
Per Dozen

No. 305—7 inches Long, Forged High Carbon Steel, Knurled Handles, Full Nickel Plated, Will do the Work of Any 10 inch Plier, Upper Jaw is so Constructed that the Jaws Will Adjust Themselves to Any Taper, Grips ¾ to 1 ¼ inch Diameter Pipe, Has Wire Cutter on the Handle Side of the Fulcrum.....\$12.00

Weight Per Dozen 7 Pounds.

One-twelfth Dozen in a Box.

UTICA HEAT COIL



No. 1431—Forged High Grade Steel, Spring Tempered Jaws, Checkered Handles, Royal Blue Finish, Full Polished Head.

Length, Inches	5 ½
Weight Per Dozen, Lbs.	3 ¼
Per Dozen	\$16.00

Has special shaped jaws for holding cylindrical objects and inserting heat coils.

One in a Box; One-half Dozen Boxes in a Carton.

NEW AUTO SLIP JOINT



Drop Forged High Grade Tool Steel, Properly Tempered.

Per Dozen

No. 35—6 inches Long, Beveled Jaws, Thin Nose, Knurled Handles, Blued Finish, for Use in Close Places.....\$8.00

Weight Per Dozen 6 Pounds.

One-twelfth Dozen in a Box.



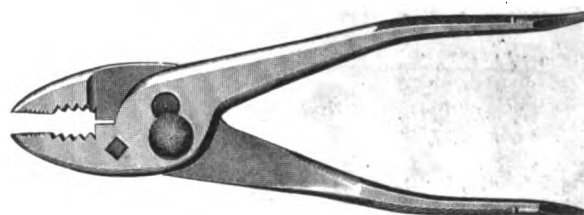
Style of 8 inch.

No. 557—Black Finish.

Length, Inches	6	8
Weight Per Dozen, Lbs.	6 ½	8 ½
Per Dozen	\$4.00	7.50

One-twelfth Dozen in a Box.

UTICA COMBINATION SLIP JOINT



Per Dozen

No. 5002—6 inches Long, Forged High Grade Steel, Milled Teeth, Checkered Heavy Well Shaped Handles, Made to Fit the Hand, Full Nickel Plated, with Presto-Lite Tank Key.....\$4.00

Weight Per Dozen 6 Pounds.

One-twelfth Dozen in a Box.

"GITTATIT" OFFSET COMBINATION SLIP JOINT



Per Dozen

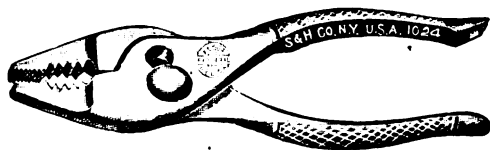
No. 646—7 inches Long, Plier Steel, Temper Finish, Polished Jaws, Can be Used as an Ordinary Plier, Wire Cutter, Cotter Pin Extractor and in All Out-of-the-Way Places that Cannot be Reached with Ordinary Pliers, Very Useful Around Automobiles.....\$7.00

Weight Per Dozen 7 Pounds.

One-half Dozen in a Box.

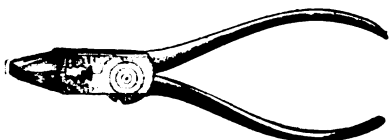
PLIERS

RED DEVIL COMBINATION SLIP JOINT



No. 1024—6½ inches Long, Drop Forged High Grade Steel, Dentyne Milled Handles, Nickel Plated, Has Thin Nose for Work in Close Places, a Combination Tool for Gripping Nuts, Bolts, Pipes, Etc.....\$8.00
Weight Per Dozen 5 Pounds.
One in a Box; One-half Dozen Boxes in a Carton.

COMBINATION



No. 130—5½ inches Long, Cast Steel, Full Polished, Combination Flat Nose Gas Plier and Wire Cutter...\$5.00
Weight Per Dozen 3 Pounds.
One-half Dozen in a Box.

V. & B. BURNER



Drop Forged Extra Refined Steel, Oil Tempered, Milled Teeth, Blued Handles, Polished Jaws.

Nos.	5	6
Length, Inches	5	6
Holds Gas Pipe, Inches.....	½	¾
Weight Per Dozen, Lbs.....	3½	5
Per Dozen	\$5.00	6.00

One-half Dozen in a Box.

UTICA BURNER



No. 1800—Drop Forged Steel, Carefully Tempered, Checkered Handles, Royal Blue Finish, Full Polished Head.
Length, Inches 6
Weight Per Dozen, Lbs..... 5
Per Dozen \$8.00
One in a Box; One-half Dozen Boxes in a Carton.

SWEDISH PATTERN DIAGONAL CUTTING



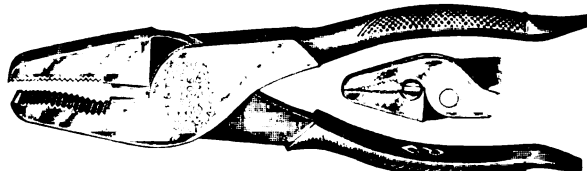
No. 1727—5 inches Long, Extra Quality Cast Steel, Black Finish, Polished Jaws.....\$11.00
Weight Per Dozen 3 Pounds.
One-half Dozen in a Box.

STUBBS PATTERN DIAGONAL CUTTING



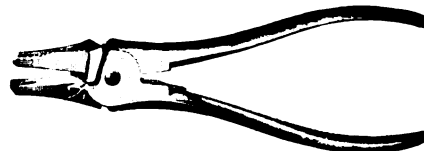
No. 66—5 inches Long, Extra Quality Cast Steel, Tempered, Black Finish, Polished Jaws\$11.00
Weight Per Dozen 3½ Pounds.
One-half Dozen in a Box.

UTICA BOX JOINT SLIP JOINT



No. 6006—Forged High Grade Steel, Checkered Handles, Royal Blue Finish.
Length, Inches 6
Weight Per Dozen, Lbs..... 7
Per Dozen \$12.00
This tool has many advantages over the ordinary slip joint plier. The jaws will adjust themselves to any taper.
One in a Box; One-half Dozen Boxes in a Carton.

CRONK'S COMBINATION



No. 1—10 inches Long, Tool Steel, Oil Finish, Polished Jaws\$18.00
Especially adapted for farmers' use. The concave and convex circles between the handles are used for bending wire in any desired shape.
Weight Per Dozen 14 Pounds.
One-half Dozen in a Box.

V. & B. GAS



Drop Forged Extra Refined Steel, Oil Tempered, Milled Teeth, Blued Handles, Polished Jaws.

Nos.	8	10	12
Length, Inches	8	10	12
Holds Gas Pipe, Inches....	¾ to 1¼	¾ to 1½	¾ to 1¾
Weight Per Dozen, Lbs...	8	12	19½
Per Dozen	\$7.00	8.50	11.00

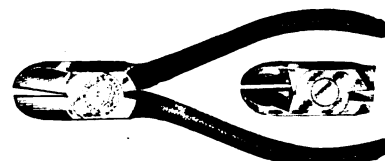
One-half Dozen in a Box.

UTICA GAS



No. 1800G—Drop Forged Steel, Carefully Tempered, Checkered Handles, Royal Blue Finish, Full Polished Head.
Length, Inches 7
Weight Per Dozen, Lbs..... 6½
Per Dozen \$10.00
One in a Box; One-half Dozen Boxes in a Carton.

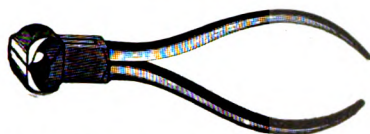
UTICA DIAGONAL CUTTING



No. 42—5 inches Long, Forged Steel, Carefully Tempered, Checkered Handles, Royal Blue Finish, Full Polished Head\$16.00
Weight Per Dozen 3 Pounds.
One in a Box; Six Boxes in a Carton.

END CUTTING NIPPERS

STANDARD



No. 60½—Good Quality Cast Steel, Oil Finish, Polished Jaws.

Length, Inches	4	5	6
Weight Per Dozen, Lbs.	3	3½	5
Per Dozen	\$4.50	5.50	7.00

One-half Dozen in a Box.

BERNARD'S COMPOUND



No. 125—Crucible Steel, Improved Springs, Compound Leverage, Open Throat, Full Nickel Plated.

Length, Inches	5	6
Cuts Wire, Inches	¾	1½
Weight Per Dozen, Lbs.	3¼	4½
Per Dozen	\$20.00	24.00

One in a Carton; One-half Dozen Cartons in a Box.

EXTRA PARTS

For Pliers, Inches	5	6
No. 1251—Female Jaws	Dozen, \$8.00	9.00
No. 1252—Male Jaws	Dozen, 8.00	9.00
No. 1253—Handles	Per Pair, 6.00	8.00
No. 1256—Springs	Dozen, .40	.50

PEXTO IMPROVED



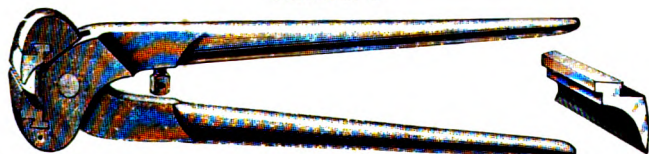
Best Cast Steel Jaws, Hardened and Tempered, Oil Finished Head and Handles.

Nos.	2P	1P
Length, Inches	11	12
Width of Jaws, Inches	1¾	1½
Weight Each, Lbs.	1½	2
Each	\$2.50	3.00

Open Stock.

END CUTTING NIPPERS

CAREW'S



Forged Steel Throughout, Removable Best Tool Steel Jaws, Oil Finished Handles.

Nos.	80	100	120
Length, Inches	8	10	12
Weight Each, Lbs.	1	1½	2
Each	\$4.00	4.50	5.00
Extra Jaws	Per Pair 1.10	1.25	1.50

Open Stock.

UTICA BULL DOG

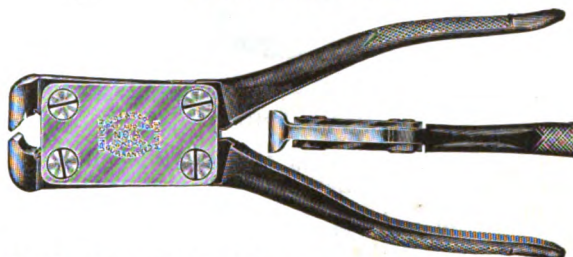


No. 60—Forged High Grade Steel, Carefully Tempered, Checkered Handles, Royal Blue Finish, Polished Jaws.

Length, Inches	5	6	7	8
Weight Per Dozen, Lbs.	5½	7½	9	12½
Per Dozen	\$12.00	14.00	16.00	18.00

One in a Box; One-half Dozen Boxes in a Carton.

UTICA COMPOUND



No. 3C—Crucible Tool Steel Jaws, Checkered Handles, Royal Blue Finish, Polished Plates and Jaws.

Length, Inches	5½	7½	9
Cuts Wire, Inches	¾	1¾	1¼
Weight Per Dozen, Lbs.	6½	13	22
Per Dozen	\$20.00	24.00	28.00

One in a Box; One-half Dozen Boxes in a Carton.

EXTRA PARTS

For Pliers, Inches	5½	7½	9
No. 1358—Jaws	Dozen, \$6.00	7.50	9.00
No. 1360—Handles	Dozen, 6.00	7.50	9.00
No. 1362—Plates	Dozen, 4.50	5.00	6.00
No. 1363—Bolt and Nuts	Dozen, 2.50	2.50	2.50
No. 1368—Springs	Dozen, 2.00	2.00	2.00
No. 1369—Roller Bearings	Dozen, 1.00	1.00	1.00

ACME



Removable Tool Steel Jaws, Dovetailed Into Head, Oil Finished Handles, Polished Head.

Nos.	4	3	2	1
Length, Inches	8	10	11	12
Weight Each, Lbs.	¾	1¼	1½	2
Each	\$1.75	2.00	2.25	2.50
Extra Jaws	Per Pair, .60	.60	.60	.60

Open Stock.

SHOE PINCERS



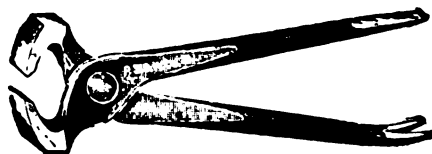
Cast Steel, Polished, Steel Rivet at Joint, Jaws Have Teeth to Prevent Slipping.

No.	20
Length, Inches	8
Weight Per Dozen, Lbs.	6½
Per Dozen	\$10.00

One-half Dozen in a Box.

PINCERS

PEXTO CARPENTER'S

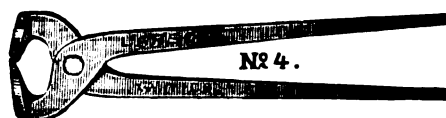


No. 50—Wrought Iron, Polished Steel Jaws, Black Handles.

Length, Inches	6	7	8	9	10	12
Weight Dozen, Lbs.	5	6½	10	10½	15½	16½
Per Dozen	\$4.50	6.00	6.50	7.00	8.00	9.50

One-half Dozen in a Box.

LARSON'S CARPENTERS

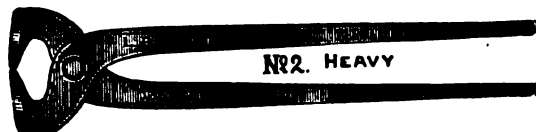


Hand Made of One Piece of Special Tool Steel, Drop Forged, Japanned, Polished Jaws.

No.	4
Length, Inches	11
Weight Per Dozen, Lbs.	16
Per Dozen	\$16.00

One-half Dozen in a Box.

LARSON'S



Heavy Pattern.

No. 2—13 inches Long, Hand Made of One Piece of Special Tool Steel, Drop Forged, Japanned, Polished Jaws

Weight Per Dozen 20 Pounds.

One-half Dozen in a Box.

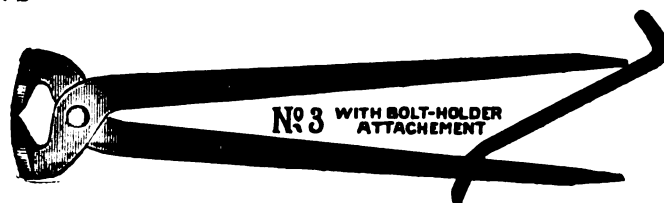
V. & B. BLACKSMITHS'



No. 163—Drop Forged Extra Refined Steel, Oil Tempered, Black Finished Handles, Polished Jaws.

Length, Inches	10	12	14
Weight Per Dozen, Lbs.	17	21	24
Per Dozen	\$10.00	11.00	12.00

One-half Dozen in a Box.



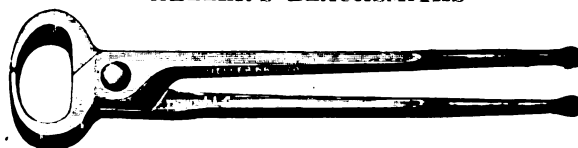
With Bolt Holder.

No. 3—14 in. Long, Hand Made of One Piece of Special Tool Steel, Drop Forged, Japanned, Polished Jaws.

Weight Per Dozen 25 Pounds.

One-half Dozen in a Box.

HELLER'S BLACKSMITHS'



Special Refined Crucible Tool Steel, Oil Finished Handles, Polished Jaws

Nos.	20B	20
Length, Inches	13	14
Weight Per Dozen, Lbs.	31	33
Per Dozen	\$22.00	28.00

One-quarter Dozen in a Box.

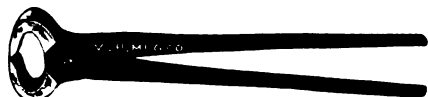
STANDARD

No. 22—12 inches Long, Cast Steel, Full Polished. Per Dozen \$12.00

One-half Dozen in a Box.

CUTTING NIPPERS

V. & B.



Drop Forged Extra Refined Steel, Oil Tempered, Black Finished Handles, Polished Jaws.

Nos.	30	32
Length, Inches	12	14
Weight Per Dozen, Lbs.	21	23½
Per Dozen	\$14.00	15.00

One-half Dozen in a Box.

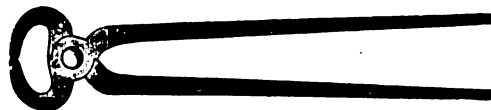
CUTTING NIPPERS
ENDERES'

No. 26—14 inches Long, Drop Forged Tool Steel, Tempered, Oil Finished Handles, Polished Jaws. Per Dozen \$20.00

Weight Per Dozen 29 Pounds.

One-half Dozen in a Box.

HELLER'S



Special Refined Crucible Tool Steel, Full Polished.

Nos.	24A	24
Length, Inches	12	14
Weight Per Dozen, Lbs.	26	29
Per Dozen	\$28.00	34.00

STANDARD

No. 122—12 inches Long, Cast Steel, Full Polished. Per Dozen \$15.00

One-half Dozen in a Box.

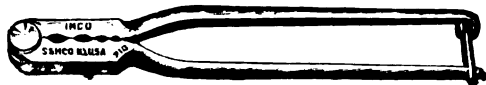
HOOF PARERS
HELLER'S

Special Refined Crucible Tool Steel, Full Polished

Nos.	28A	28
Length, Inches	12	14
Weight Per Dozen, Lbs.	25	26
Per Dozen	\$28.00	34.00

One-half Dozen in a Box.

LINEMEN'S CLAMPS OR CONNECTORS

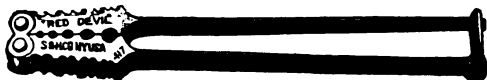


Electro BO-RAS-IC Steel, Spring Tempered Handles with Round Edges, Smooth Jaws, Oil Finished, Polished Head.
For American Joints, B. & S. Gauge.

Per Dozen
No. 718—10 3/4 inches Long, for Nos. 4, 6, 10 and 12
Iron Wire and Nos. 2, 4, 8 and 10 Copper Wire...\$20.00
Weight Per Dozen 14 Pounds.

One in a Box; One-half Dozen Boxes in a Carton.

LINEMEN'S CLAMPS OR CONNECTORS



Electro BO-RAS-IC Steel, Spring Tempered Handles with
Round Edges, File Cut Teeth, Gun Metal Finished
Handles, Polished Heads.
For American and McIntyre Joints, B. & S. Gauge.

Per Dozen
No. 417—10 3/4 inches Long, for Nos. 6, 8, 10, 12 and
14 Iron Wire, Nos. 4, 6, 8, 10 and 12 Copper Wire
and Nos. 8, 10, 12 and 14 McIntyre Sleeves.....\$30.00
Weight Per Dozen 18 Pounds.

One in a Box; One-half Dozen Boxes in a Carton.

LINEMEN'S CLIMBER STRAPS



Per Set of 4
No. 254—21 inches Long, 1 1/4 inches Wide, Heavy
Oiled Leather, Hand Sewed, Malleable Iron
Buckles\$16.00
Weight Per Set 1/2 Pound.
Three Sets in a Bundle.

BLACKSMITHS' TONGS

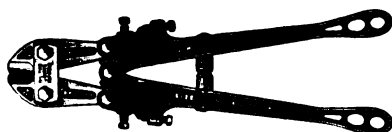


Drop Forged Solid Steel, Oil Finish, Straight Lip.

Nos.	18	20	22	24
Length, Inches	18	20	22	24
Weight Each, Lbs.	2	2 1/2	2 3/4	3
Each	\$0.75	.80	.90	1.00

Open Stock.

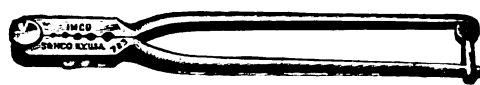
O. K.



Tool Steel Clipper Cut Jaws, Japanned Malleable Iron Handles
with Rubber Buffers, Set Screw Adjustment.

Nos.	10	14
Length, Inches	10	14
Cuts Bolts, Inches.....	3/8	1/2
Weight Each, Lbs.	1 1/2	2 1/4
Each	\$2.00	2.25
Extra Jaws	Per Pair, 1.00	1.50

Open Stock.



Per Dozen
No. 723—10 3/4 inches Long, for Nos. 6, 8, 10, 12 and
14 Iron Wire and Nos. 4, 6, 8, 10 and 12 Copper
Wire\$20.00
Weight Per Dozen 14 Pounds.

One in a Box; One-half Dozen Boxes in a Carton.

LINEMEN'S CLIMBERS



No. 253—One Piece Forged Spring Tempered Tool Steel,
Improved Spur, Natural Finish.
Without Straps.

Length, Inches	16	16 1/2	17	17 1/2	18
Wt. Dozen Pairs, Lbs.	3 1/2	3 1/2	3 1/2	4	4
Dozen Pairs	\$30.00	30.00	30.00	30.00	30.00

One Pair in a Box.

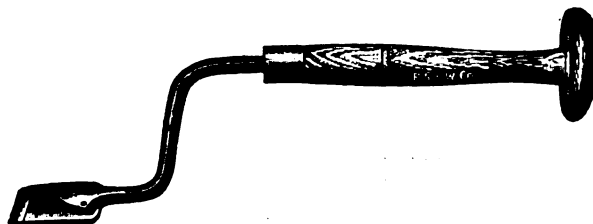
BULL DOG GRIPS

MILWAUKEE



Per Dozen
No. 1—8 inches Long Over All, Malleable Iron, Steel
Links, with Swivel, Weight Each 1 Lb.....\$5.00
A very handy tool for tightening loose wires. Can be
fastened to bar and a strong leverage secured.
Open Stock.

BUTTERISES



Each
No. 1B—Cast Steel Blade, Wrought Iron Shank, Ja-
panned, Wood Handle, Weight Per Dozen 15 Lbs...\$1.00
One-quarter Dozen in a Package.

BOLT CLIPPERS

PORTER'S EASY AND NEW EASY



No. 3 New Easy.

High Grade Tool Steel Jaws, Japanned Malleable Iron Handles
with Rubber Buffers.

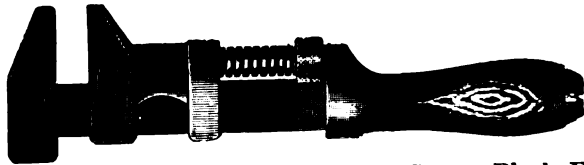
	Easy	New Easy	New Easy
Nos.	1	2	3
Length, Inches	24	30	36
Cuts Bolts, Inches.....	3/8	1/2	5/8
Weight Each, Lbs.	4 1/2	9	13
Each	\$4.00	6.00	7.50
Extra Jaws	Per Pair, 2.00	3.00	3.50

Note—No. 1 has Shim Adjustment, Nos. 2 and 3 have Set
Screw Adjustment.

Open Stock.

WRENCHES

AGRICULTURAL



No. 26—Wrought Iron Bar, Head and Screw, Black Finish, Hardwood Handle.

Length, Inches	6	8	10	12	15
Opens, Inches	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{1}{4}$	$2\frac{3}{4}$
Weight Per Dozen, Lbs.	9	16	25	40	53
Per Dozen	\$5.00	6.00	7.00	9.00	12.00

One-half Dozen in a Box.

COE'S GENUINE KNIFE HANDLE



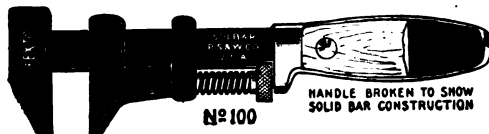
No. 75—Hardened Special Steel Bar, Hardened Semi-Steel Jaws, Hardened One Piece Steel Screw, Cast Semi-Steel Handle Frame, Black Finish, Riveted Hardwood Handle Sides.

Length, Inches	6	8	10	12
Opens, Inches	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{3}{4}$	$2\frac{1}{4}$
Weight Per Dozen, Lbs.	9	15	26	40
Per Dozen	\$12.00	14.50	16.80	21.60

Length, Inches	15	18	21
Opens, Inches	$2\frac{1}{8}$	$3\frac{1}{4}$	$3\frac{1}{2}$
Weight Per Dozen, Lbs.	58	79	107
Per Dozen	\$28.80	38.40	46.80

6 to 12 inch, One-half Dozen; 15 and 18 inch, One-third Dozen; 21 inch, One-twelfth Dozen in a Box.

PEXTO KNIFE HANDLE



No. 100—One Piece Forged Solid Steel Head, Bar Shoulder and Handle, Case Hardened, Steel Screw, Black Finish, Riveted Hardwood Handle Sides.

Length, Inches	6	8	10	12
Opens, Inches	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{1}{4}$
Weight Per Dozen, Lbs.	10	17	28	40
Per Dozen	\$12.00	14.50	16.80	21.60

Length, Inches	15	18	21
Opens, Inches	$2\frac{1}{8}$	$3\frac{1}{4}$	4
Weight Per Dozen, Lbs.	57	84	120
Per Dozen	\$28.80	38.40	46.80

6 to 12 inch, One-half Dozen; 15 and 18 inch, One-third Dozen; 21 inch, One-twelfth Dozen in a Box.

B. & C. ADJUSTABLE "S"



No. 48—Polished Forged Tool Steel Jaws, Japanned Malleable Iron Handle.

Length, Inches	6	8	10
Opens, Inches	$\frac{3}{4}$	1	$1\frac{1}{4}$
Weight Per Dozen, Lbs.	$5\frac{1}{2}$	12	22
Per Dozen	\$10.00	12.00	16.00
Extra Sliding Jaws.. Each,	.30	.40	.60

One-half Dozen in a Box.

SCHOLLER ADJUSTABLE



No. 300—Case Hardened Drop Forged Steel Movable Jaw, Thoroughly Case Hardened Tough Malleable Iron Frame, Polished.

Length, Inches	6	8	10
Capacity, Inches	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Weight Per Dozen, Lbs.	5	$9\frac{1}{2}$	17
Per Dozen	\$9.50	11.50	14.00

Meets the demand for general and automobile use. Will take square and hexagon nuts. The jaws are offset $22\frac{1}{2}$ degrees.

One-half Dozen in a Box.

CRESCENT ADJUSTABLE ENGINEERS'



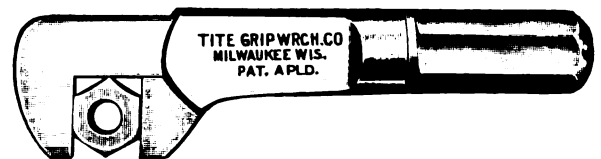
No. 200—Drop Forged Open Hearth Steel, Heat Treated, Polished, Black Oil Finish Web in Handle.

Length, Inches	4	6	8	10	12
Capacity, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Weight Each, Oz.	2	5	10	18	32
Per Dozen	\$10.00	11.50	14.00	17.00	22.00

One 10 inch Crescent Will Replace 9 Sizes of Solid Wrenches.

One-twelfth Dozen in a Box.

TITE GRIP



No. 0— $6\frac{1}{2}$ inches Long, Jaws Open 2 inches, Malleable Semi-Steel, Polished, Weight Each 15 Oz.

Can be set tight on any shape bolt head or nut without slipping or wearing off the corners.

The lever purchase is always the same, whether opened or closed.

One Dozen in a Box.

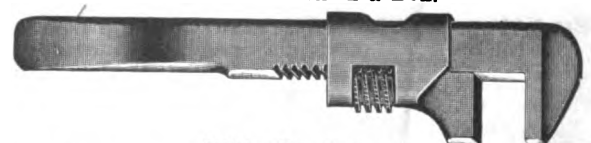
AUTOMOBILE



No. 90—9 inches Long, $2\frac{1}{2} \times \frac{1}{8}$ inch Jaws, Opens $2\frac{1}{4}$ inches, Drop Forged High Carbon Steel, Tempered Jaws, Mottled Finish, Strong and Reliable.

Weight Per Dozen 12 Pounds.

One-half Dozen in a Box.



No. 25—11 inches Long, $2\frac{1}{2} \times \frac{1}{8}$ inch Jaws, Opens $2\frac{1}{4}$ inches, Drop Forged High Grade Steel, Black Nickel Finish, a High Grade Wrench.

Weight Per Dozen 14 Pounds.

One-half Dozen in a Box.

WRENCHES

GENERAL PURPOSE



Forged from Special Steel and Hardened Jaws, 22½ Degree Angle, Semi-Finished.

Nos.	500	501	502	503	504	505
Length, Inches	6 ¼	7 ½	8 ¼	9 ¼	10 ¾	12
Thickness of Heads, Inches	¾	¾	¾	¾	¾	¾
Size of Bolt, Mfgs. Standard Nuts	⅞ & ¾	¾ & ⅞	⅞ & ¾	¾ & ⅞	⅞ & ¾	¾ & ⅞
Size Opening, Inches	¾ & ½	½ & ¾	¾ & ¾	¾ & ¾	¾ & 1	1 & 1 ½
Weight Per Dozen, Lbs.	2	3	5	8	12	18 ½
Each	\$0.27	.34	.43	.55	.70	1.00

Open Stock.

Per Set

No. 500A Set—Consists of 5 Wrenches, 1 Each Nos. 500, 501, 502, 503 and 504, as Described Above, Put up in a Neat Wooden Box, Weight Per Set 3 Lbs. \$2.20
For use in erecting or dismantling plows, carriages, wagons, etc., and for general service where a light and long wrench is desired.

DOUBLE HEAD ENGINEERS'

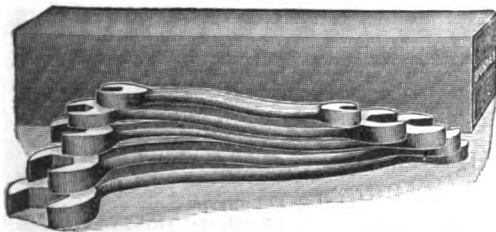


Drop Forged Steel, Hardened Jaws, Milled Openings, 15 Degree Angle, Semi-Finished.

Nos.	21	23	25	27	29	31	34
Length, Inches	3 ¾	4	4 ¾	5 ¾	6 ¾	7 ¾	9 ¾
Openings, Inches	⅞ & 1 ½	1 ½ & 2	1 ½ & 2 ½	2 & 2 ½	2 ½ & 3	3 & 3 ½	3 ½ & 4 ½
For U. S. Standard Nuts, Inches	⅞ & ¾	¾ & ⅞	¾ & ⅞	¾ & ⅞	¾ & ⅞	¾ & ⅞	¾ & ⅞
Thickness of Heads, Inches	¾ & ¾	¾ & ¾	¾ & ¾	¾ & ¾	¾ & ¾	¾ & ¾	¾ & ¾
Weight Per Dozen, Lbs.	1	1 ¼	3	3 ¼	4 ½	6 ½	13 ½
Each	\$0.17	.21	.25	.31	.37	.45	.68

Nos. 21 and 23, One Dozen; Nos. 25 to 31, One-half Dozen in a Box.

BONNEY MALLEABLE GENERAL PURPOSE



22½ Degree Angle, Highest Grade Malleable Iron, with Polished Heads.

Per Set

No. 1B Set—Consists of 5 General Purpose Wrenches, 1 Each Nos. A, B, C, D and E as Described Below, Put up in a Strong Cardboard Box, Weight Per Set 2 ½ Lbs. \$0.80

DESCRIPTION OF WRENCHES CONTAINED IN NO. 1B SET

Nos.	A	B	C	D	E
Length, Inches	5 ½	6 ½	7 ¾	8 ¾	9 ¼
Openings, Inches	¾ & ½	¾ & ¾	¾ & ¾	¾ & ¾	¾ & 1 ½

Note—With Each Case of 24 Sets is Enclosed a Shop Cap and a Sample of "Bonney Box Tool" which is Strong Enough to Open the Heaviest Case.

WRENCH ASSORTMENTS

"THE BUSY LITTLE CLERK"

Per Assortment

No. 60 Assortment—Contains 3 Each of 10 Different Drop Forged Wrenches of the Two Most Popular Designs as Described Below, Mounted on a 26x7 ½ inch Fancy Display Board, Suitable for Farm, Machine and Auto Use, Shipping Weight of Display Board and 30 Wrenches 20 Lbs. \$12.50

DESCRIPTION OF WRENCHES CONTAINED IN NO. 60 ASSORTMENT

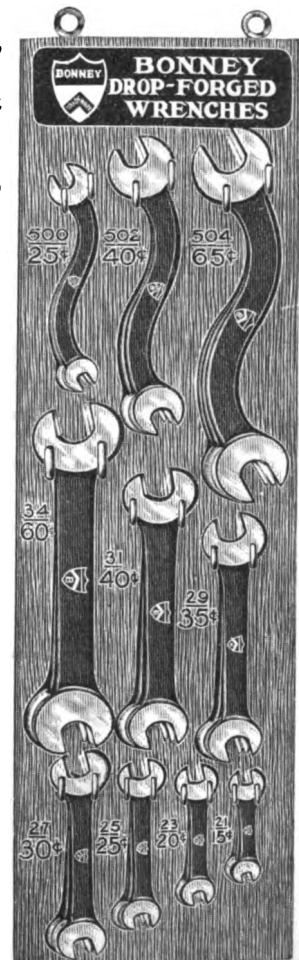
General Purpose Wrenches.

Quantity	No.	Openings Finished, Inches	Extreme Length, In.	Price Ea., Special Semi-Finished	Total
3	500	¾ & ½	6 ¼	\$0.27	\$0.81
3	502	¾ & ¾	8 ¼	.43	1.29
3	504	¾ & 1	10 ¾	.70	2.10 \$4.20

Engineer's Wrenches.

Quantity	No.	For U. S. Stand. Nuts, Size Bolts	Openings Milled	Extreme Length	Price Each, Special Semi-Finish	Total
3	21	⅞ & ¾	⅞ & 1 ½	3 ¾	\$0.17	\$0.51
3	23	¾ & ¾	¾ & 2	4	.21	.63
3	25	¾ & ¾	¾ & 2 ½	4 ¾	.25	.75
3	27	¾ & ¾	¾ & 3	5 ¾	.31	.93
3	29	¾ & ¾	¾ & 3 ½	6 ¾	.37	1.11
3	31	¾ & ¾	¾ & 4	7 ¾	.45	1.35
3	34	¾ & ¾	¾ & 4 ½	9 ¾	.68	2.04 \$7.32
30						\$11.52

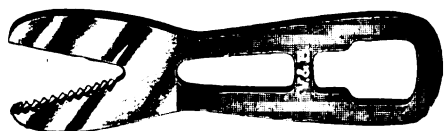
All of the Wrenches are hardened and the ends are ground and polished. The bodies are finished in dead black enamel.



No. 60 Assortment.

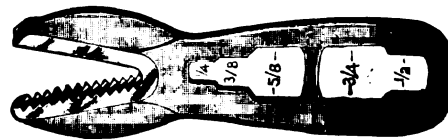
WRENCHES

V. & B. HANDY



Drop Forged Extra Refined Steel, Oil Tempered, Milled Teeth,
Gun Metal Finish, Polished Jaws.

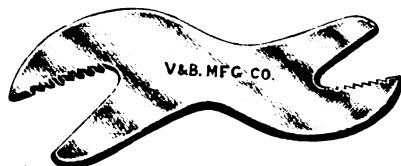
No. 1—5 1/2 inches Long, Holds 1/8 to 3/8 inch Pipe and
1/4 to 3/4 inch Round Iron.....\$1.60
Weight Per Dozen 3 1/2 Pounds.
One Dozen in a Box.



Drop Forged Extra Refined Steel, Oil Tempered, Milled Teeth,
Black Finish, Polished Ribs on Jaws.

No. 12—5 1/2 inches Long, Holds 1/8 to 3/8 inch Pipe and
1/4 to 3/4 inch Round Iron, with Openings in Handle
to Hold 1/4, 3/8, 1/2 and 5/8 inch Nuts.....\$2.40
Weight Per Dozen 4 1/2 Pounds.
One Dozen in a Box.

V. & B. ALWAYS READY



Drop Forged Extra Refined Steel, Oil Tempered, Milled Teeth.
Nickel Plated.

Nos.	1A	2A	3A
Length, Inches	5	7	9
Holds Nuts or Pipe, Inches	1/4 to 3/4	1/4 to 1 1/4	3/4 to 1 3/4
Weight Per Dozen, Lbs.	6	12	34
Per Dozen	\$5.20	7.00	16.00

One-half Dozen in a Box.

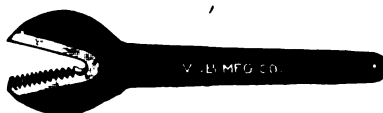


Drop Forged Extra Refined Steel, Oil Tempered, Milled Teeth,
Chased Body, Black Finish, Polished Ribs on Jaws.

Nos.	101	102
Length, Inches	5	7
Holds Nuts or Pipe, Inches	1/4 to 3/4	1/4 to 1 1/4
Weight Per Dozen, Lbs.	6	12
Per Dozen	\$5.00	6.50

One-half Dozen in a Box.

V. & B. HANDY



Drop Forged Extra Refined Steel, Oil Tempered, Milled Teeth, Black Finish, Polished Ribs on Jaws.

Nos.	2H	3H	4H
Length, Inches	9	15	22
Holds Nuts or Pipe, Inches	3/8 to 1 1/4	1/2 to 1 1/4	1 1/2 to 2 1/2
Weight Per Dozen, Lbs.	12	40	80
Per Dozen	\$6.00	13.00	24.00

No. 2H, One Dozen in a Cardboard Box; Nos. 3H and 4H, One Dozen in a Wooden Case.

EAGLE CLAW



90 Degrees, Tool Steel, Hand Hammered, Black Finish.

No. 10—7 inches Long, Holds up to 1/2 inch Pipe or
Any Object up to 1 inch Square, Weight Each
3/4 Lb.\$12.00
No. 40—10 inches Long, Holds up to 1 inch Pipe or
Any Object up to 1 1/2 inch Square, Weight Each
1 1/4 Lbs. 16.00

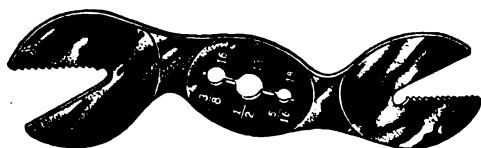


45 Degrees, Tool Steel, Hand Hammered, Black Finish.

No. 50—10 inches Long, Holds up to 1 inch Pipe or
Any Object up to 1 1/2 inch Square, Does Work in
Places where it is Impossible to Get with Any
Other Tool, Weight Each 1 1/4 Lbs.\$16.00

The Eagle Claw Wrench acts as pliers and does work pliers cannot do; holding round, square, oblong, hexagon or other shaped objects firmly. Will easily hold a round-headed bolt by the head, to prevent it from turning while unscrewing the nut.
One-half Dozen in a Box.

S. & T. ALLIGATOR



No. 100—8 inches Long, 2 1/4 inches Wide, Heavy Cold
Rolled Steel, Mottled Finish, Dies Will Recut Three
Sizes of Bolts; 5/8 inch by 18 Thread, 3/4 inch by 16
Thread and 1/2 inch by 13 Thread.....\$4.00
Weight Per Dozen 11 Pounds.
One-half Dozen in a Box.

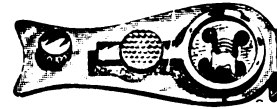
HAWKEYE



No. 200—8 1/2 inches Long, 50-Point Open Hearth Drop
Forged Carbon Steel, Black Finish, Takes 1/4 to 3/4
inch Pipe, Threads 5/8, 3/4 and 1/2 inch Bolts.....\$6.50
No. 400—Same as No. 200, but Nickel Plated..... 11.00
Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

WRENCHES

NEW ELGIN ADJUSTABLE



Ratchet Attachment and Die

High Grade Steel, Highly Tempered, Rust Proof Spring, Interchangeable Jaws, Polished and Nickel Plated.

No. 1905—7 inches Long, Holds $\frac{1}{8}$ to $\frac{3}{4}$ inch Pipe and $\frac{1}{4}$ to $\frac{3}{4}$ in. Round Iron, Without Threading Attachment, Each	Per Dozen
Wrench Put Up in a Heavy Envelope, Weight Each 10 $\frac{1}{4}$ ounces	\$12.00
No. 1905A—Same as No. 1905, but with Interchangeable Ratchet Threading Attachment, and One Die, Any Size, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ inch.	24.00

NOTE—When Ordering No. 1905A, State which Size Die is Wanted.

Weight Per Dozen 8 Pounds.

One Dozen in a Box.

EXTRA DIES



For New Elgin Wrench.

Size, Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per Dozen	\$6.00	6.00	6.00	6.00	6.00

One Dozen in a Box.

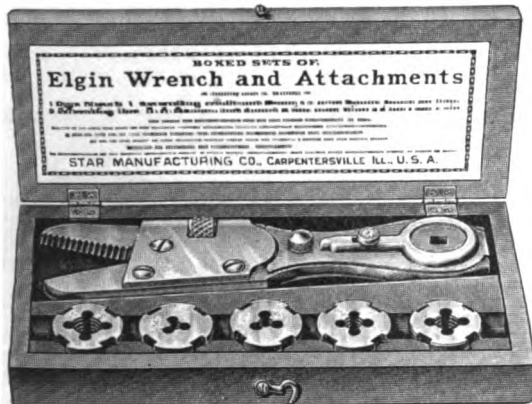
EXTRA JAWS



For New Elgin Wrench.

No. 1905J—Hardened Steel, Nickel Plated, Makes Old Wrench as Good as New.	Per Dozen
	\$3.00

One Dozen in a Box.



WRENCH SETS

NEW ELGIN ADJUSTABLE

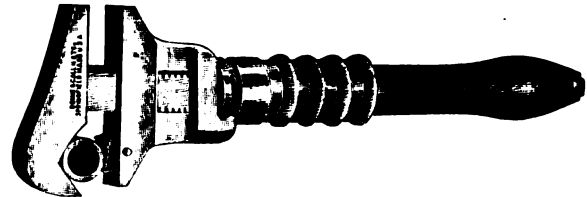
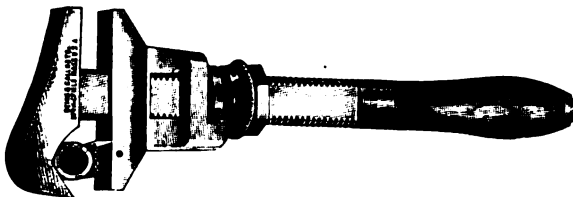
No. 1905B Set—Consists of 1 New Elgin Adjustable Wrench, 1 Ratchet Re-Threading Attachment having a $\frac{1}{4}$ inch Square Insert for Taps, 5 Re-Threading Dies of U. S. Standard Bolt Thread, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch, All Put Up in a 8 $\frac{3}{4}$ x 3 $\frac{3}{4}$ x 1 $\frac{1}{2}$ inch Strong Ebony Finished Wooden Box with Hinged Cover.	Per Set
	\$5.30

Weight Per Set 1 $\frac{1}{2}$ Pounds.

One Set in a Box.

PIPE WRENCHES

BEMIS & CALL COMBINATION



No. 43—Forged One Piece Steel Head, Bar and Shank, with Short Nut, Bright.

Length, Inches	10	12	15
Adjust. to Pipe, In..	$\frac{1}{4}$ to 1	$\frac{1}{2}$ to 1 $\frac{3}{4}$	$\frac{1}{2}$ to 2 $\frac{1}{4}$
Wt. Per Dozen, Lbs.	25	36	52
Per Dozen	\$23.00	26.00	37.00

One-half Dozen in a Box.

No. 45—Forged One Piece Steel, Head, Bar and Shank, with Long Sleeve Nut, Bright.

Length, Inches	10	12	15
Adjust. to Pipe, In..	$\frac{1}{4}$ to 1	$\frac{1}{2}$ to 1 $\frac{3}{4}$	$\frac{1}{2}$ to 2 $\frac{1}{4}$
Wt. Per Dozen, Lbs.	25	38	55
Per Dozen	\$25.25	28.50	40.50

One-half Dozen in a Box.

EXTRA PARTS FOR BEMIS & CALL COMBINATION WRENCHES

For No. 43 Short Nut, Bright.

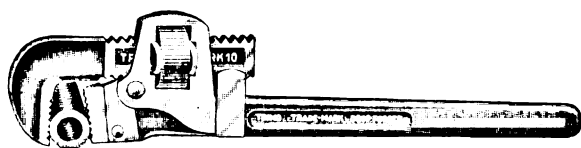
For Wrenches, Inches	10	12	15
Nuts	Each, \$0.30	.40	.50
Dogs	Each, .30	.36	.45
Jaws	Each, .75	.90	1.20

For No. 45 Long Sleeve Nut, Bright.

For Wrenches, Inches	10	12	15
Nuts	Each, \$0.45	.60	.75
Dogs	Each, .30	.36	.45
Jaws	Each, .75	.90	1.20

PIPE WRENCHES

TRIMO

Nut with Guards
Inserted.

EXTRA PARTS FOR TRIMO PIPE WRENCHES

Inserted
Jaw.

Movable Jaw.



Frame.



Nut.

Drop Forged Bar Steel Handle, Frame and Jaws, Polished Head, with Steel Nut Guards Preventing Accidental Rotation of the Adjusting Nut in Close Quarter Work.

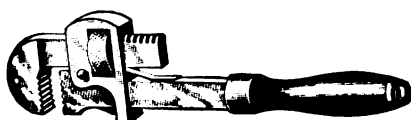
Length, Inches	8	10	14	18	24	36
Adjustable, Inches	1/8 to 3/4	1/8 to 1	1/4 to 1 1/2	1/4 to 2	1/4 to 2 1/2	1/2 to 3 1/2
Weight Each, Lbs.	3/4	1 1/2	3	5	8 1/2	16 1/2
Each	\$1.20	1.35	1.80	2.40	3.60	7.20

8 to 24 inches, One-half Dozen; 36 inches, One-sixth Dozen in Box.

EXTRA PARTS FOR TRIMO PIPE WRENCHES

For Wrench, Inches	8	10	14	18	24	36
Movable Jaw	Each, \$0.50	.55	.70	.90	1.40	3.25
Nut	Each, .11	.14	.17	.22	.35	.55
Inserted Jaw	Each, .25	.30	.40	.45	.50	.70
Frame	Each, .25	.30	.35	.40	.70	.90
Spring	Each, .02	.02	.02	.03	.03	.03
Frame Pin	Each, .02	.03	.03	.03	.03	.04
Jaw Pin	Each, .02	.03	.03	.03	.03	.04
Nut Guards	Per Pair, .15	.20	.30	.35	.45	.55

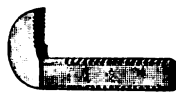
STILLSON

Drop Forged Steel,
Blued, Double
Spring.

Style of 6 to 14 in. Wood Handle.

Length, Inches	6	8	10	14	18	24	36
Adjustable, Inches	1/8 to 1/2	1/8 to 3/4	1/8 to 1	1/4 to 1 1/2	1/4 to 2	1/4 to 2 1/2	1/2 to 3 1/2
Weight Each, Lbs.	1/2	5/8	1 1/4	2 1/2	4 1/4	8	15
Each	\$1.20	1.20	1.35	1.80	2.40	3.60	7.20

6 to 24 inches, Six in a Box; 36 inches, Two in a Box.



Jaw.



Frame.



Nut.



Wood Handle.

For Wrenches, Inches	8	10	10	14	18	24	36
Jaw	Each, \$0.50	.50	.55	.70	.90	1.40	3.25
Frame	Each, .25	.25	.30	.35	.40	.70	.90
Steel Bar	Each, .95	.95	1.10	1.45	2.10	3.20	6.40
Jaw Nut	Each, .11	.11	.14	.17	.22	.35	.55
Wood Handle	Each, .16	.16	.18	.25	....	....	....
Springs	Each, .10	.10	.10	.10	.10	.11	.13
Frame Pin	Each, .02	.02	.03	.03	.03	.03	.04
End Nut	Each, .15	.15	.20	.20	....	....	....

CHAIN PIPE WRENCHES

WILLIAMS' "AGRIPPA"



Cut Showing Wrench Used on a Tee.

Drop Forged Wrought Steel, Single Jaw Tempered for File Sharpening, Flat Link "Proof-Tested" Steel Chain.

Nos.	21	22	23
Length, Inches	20	27	37
Capacity, Inches	1/8 to 1 1/2	1/4 to 2 1/2	3/4 to 4
Length of Chain, Inches	15	19 1/2	26
Chain Breaking Strain, Lbs.	6700	9800	12500
Weight Each, Lbs.	6	10	17
Each	\$4.20	6.00	8.40
Extra Chains	Each, 1.50	2.10	3.30
Extra Jaws	Each, 2.10	3.30	4.80

An unsurpassed tool for cramped and irregular fittings which cannot be effectively handled with broader wrenches.

Open Stock.

PIPE CUTTERS

SAUNDERS' PATTERN



With Two Rollers and One Cutter Wheel.

Crucible and Tool Steel Parts, Best Quality Malleable Iron Castings, Carefully Tempered Wheels and Pins.

Nos.	1	2	3
Cuts Pipe, Inches	1/2 to 1	1 to 2	2 to 3
Weight Each, Lbs.	3 1/2	6 1/2	12
Each	\$2.10	3.15	7.75

EXTRA PARTS

For Pipe Cutters, Nos.	1	2	3
Blocks and Wheels	Each, \$0.90	1.25	2.00
Wheels	Each, .18	.24	.45
Rollers	Each, .18	.24	.45

SOCKET BRACE WRENCHES



Malleable Iron, for Square Nut.

Nos.	7388B	7388C	7288D	7388E
For Nuts, Inches	1/4	5/8	3/4	7/8
Opening, Inches	1/2	5/8	3/4	7/8
Per Dozen	\$0.25	.50	.60	.70

Open Stock.



No. 90—Cast Steel, for Square and Hexagon Nuts.

Openings, Inches	1/2	5/8	3/4	7/8
For Bolts with U. S. S. Nuts, Inches	1/4	5/8	3/4	7/8
Per Dozen	\$4.00	4.50	5.00	6.00

One-quarter Dozen in a Box.

WAGON WRENCHES



Wrought Steel.

Nos.	250E
Opening, Inches	2 1/4
Shank, Inches	5/8 x 9
Per Dozen	\$2.50

Open Stock.

FARMERS' WRENCHES



Malleable Iron.

Nos.	7345C	7345A
Length, Inches	9	10 1/2
For Nuts, Inches	1/2 to 1 1/8	1/2 to 1 1/4
Per Pound	\$0.14	.14

Open Stock.

CARRIAGE WRENCHES



Malleable Iron, Deep Pattern.

Nos.	7320B	7320C	7320D	7320E
Length, Inches	9	9 1/2	10	10
For Nut, Inches	7/8	1	1 1/8	1 1/4
Per Pound	\$0.14	.14	.14	.14

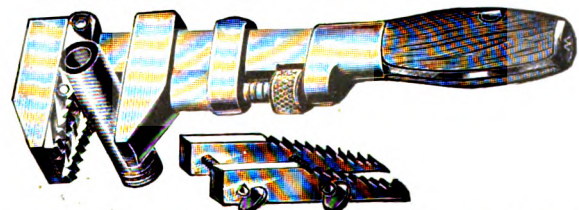
Nos.	7320F	7320G	7320H
Length, Inches	10 1/2	10 1/2	10 1/2
For Nuts, Inches	1 3/8	1 1/2	1 3/4
Per Pound	\$0.14	.14	.14

Open Stock.

WRENCH PIPE JAWS

YANKEE

Makes a Monkey Wrench a Pipe Wrench.



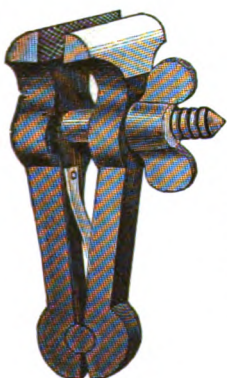
Tool Steel, Hardened and Polished, with Thumb Screws.

No. 3PJ—3 1/8 inches Long, 5/8 inch Wide, for 6 to 15 inch Standard Wrenches, Holds 1/8 to 2 inch Pipe..\$4.75

Weight Per Dozen 3 1/2 Pounds.

One-half Dozen on a Card.

VISES

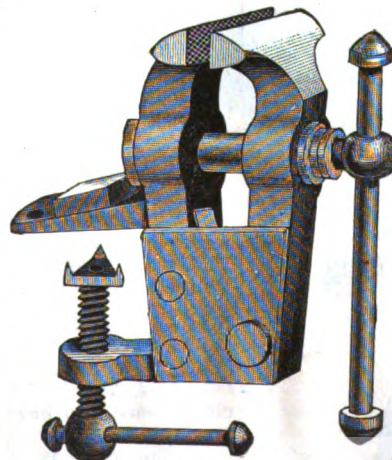


HAND

No. 142Y—Cast Steel, Black Finish, Polished Jaws, Wing Nut.

Length, Inches	3 1/2	4
Weight Per Dozen, Lbs.	4	5
Per Dozen	\$8.50	8.50
Length, Inches	4 1/2	5
Weight Per Dozen, Lbs.	6	7
Per Dozen	\$10.00	12.00

One-half Dozen in a Box.



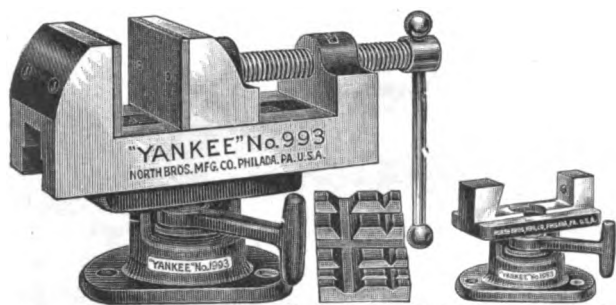
JEWELERS' BENCH.

No. 152—2 1/2 inch Jaws, Cast Steel, Polished Jaws, with Anvil\$19.50

Weight Each 3 Pounds.

Open Stock.

VISES



Cut Showing Vise Complete and Hardened Steel Block. Cut Showing Swivel Base Detached.

YANKEE

Each

No. 1993—Swivel Base, Cast Iron Body and Sliding Jaws with Hardened Steel Faces, $4\frac{1}{2}$ inch Diameter Swivel Base, Jaws are $2\frac{3}{4}$ inches Wide, $1\frac{1}{4}$ inches Deep and Open $3\frac{1}{2}$ inches, Extreme Height with Swivel Base $5\frac{1}{2}$ inches, Extreme Length Over All $8\frac{3}{4}$ inches, Complete with a Hardened Steel Block with V Shaped Grooves of Various Sizes for Holding Round or Irregular Work in Drilling, Etc. \$7.00
The vise is quickly detachable for use on drill press, shaper, etc. The swivel base is easily and firmly locked or released by a short movement of lever on one side.

Weight Each Complete $13\frac{1}{2}$ Pounds.
One in a Box.

CHAMPION, ASSORTED

Per Assortment

No. 5 Assortment—Consists of 12 Champion Vises as Described Below and Attractive Display Stand, Weight Complete 50 Lbs. . . . \$24.00

DESCRIPTION OF VISES CONTAINED IN NO. 5 ASSORTMENT

Quantity	No.	Description	Jaws, Inches	Wt. Ea., Lbs.	Each
3	112	Steel Front Jaw.	$1\frac{1}{2}$	$1\frac{1}{4}$	\$0.60
2	113	Steel Front Jaw.	$1\frac{3}{4}$	$1\frac{3}{4}$	.90
1	114	Steel Front Jaw.	2	$2\frac{1}{2}$	1.25
1	115	Steel Front Jaw.	$2\frac{1}{4}$	$2\frac{3}{4}$	1.60
1	116	Steel Jaws	2	$2\frac{1}{2}$	2.00
1	117	Steel Jaws and Swivel Base . . .	2	$2\frac{3}{4}$	2.75
1	118	Steel Front Jaw.	$2\frac{1}{2}$	$3\frac{3}{4}$	2.40
1	121	Steel Front Jaw.	3	6	3.25
1	127	Steel Jaws and Swivel Base . . .	$2\frac{1}{2}$	$4\frac{1}{4}$	3.25



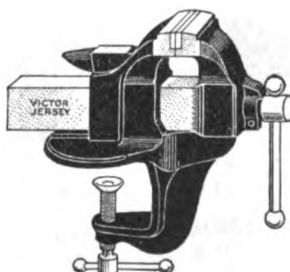
VICTOR "JERSEY"

The Screw (Body, Head and Collar) is in One Piece, Turned from Cold Rolled Steel, and has a Square Lathe-Cut Thread. The Steel Jaws are Hardened, and All Jaws are Ground to insure that they Meet Squarely When Tightened. Both Back and Front Jaws are Filed to Fit.



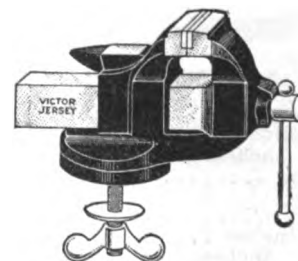
Clamp Base, Plain Iron Jaws, Japanned Body.

Nos.	741	742	743
Jaws, Inches. . . .	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Wt. Each, Lbs. . . .	3	$3\frac{3}{4}$	$3\frac{1}{2}$
Each	\$1.40	1.80	2.00
Nos.	744	745	746
Jaws, Inches. . . .	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Wt. Each, Lbs. . . .	4	5	9
Each	\$2.50	3.00	4.50



Clamp Base, Hardened Tool Steel Jaws, Japanned Body.

Nos.	761	763	766
Jaws, Inches. . . .	$1\frac{1}{2}$	2	3
Wt. Each, Lbs. . . .	3	$3\frac{1}{2}$	$8\frac{1}{2}$
Each	\$1.80	2.50	5.00



Swivel Base, Hardened Tool Steel Jaws, Japanned Body.

No.	772
Jaws, Inches	$1\frac{3}{4}$
Weight Each, Lbs.	3
Each	\$2.50

Victor "Jersey" Vises are Packed One in a Paper Package.

VICTOR "JERSEY," ASSORTED

Twelve Vises and Stand.

Per Assortment

No. 12 Assortment—Consists of Two Each Nos. 741, 742 and 743, One Each Nos. 744, 745, 746, 761, 763 and 772 Japanned Victor "Jersey" Vises and Attractive Display Stand, Weight Complete 64 Lbs. \$28.00

Description of Vises Contained in No. 12 Assortment.

Nos.	741	742	743	744	745
Width of Jaws, Inches.	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Weight Each, Lbs.	3	$3\frac{3}{4}$	$3\frac{1}{2}$	4	5
Nos.	746	761	763	772	
Width of Jaws, Inches.	3	$1\frac{1}{2}$	2	$1\frac{3}{4}$	
Weight Each, Lbs.	$8\frac{3}{4}$	3	$3\frac{1}{2}$	3	

Nos. 741 to 746 have clamp base and plain iron jaws. Nos. 761 and 763 have clamp base and hardened tool steel jaws. No. 772 has swivel base and hardened tool steel jaws.

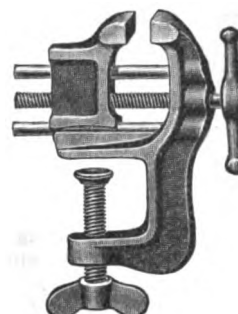
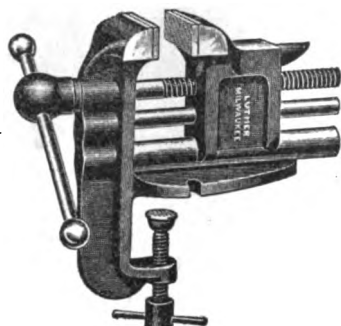
The screw is turned from cold rolled steel and has a square lathe-cut thread.
One Assortment in a Case.



VISES

LUTHER

All Luther Vises are made just a little bit stronger than would seem absolutely necessary. The movable jaw slides on steel guides and is operated by steel screw, so that it is practically impossible for a Luther Vise to become sprung or out of alignment. The clamps are made wide and heavy, so as to clamp them rigidly to any bench. The vise is equipped with a steel handle, steel guide, steel feed screw and clamp screw, and inserted corrugated jaws.



Clamp Base, Corrugated Steel Jaws, Japanned Body.

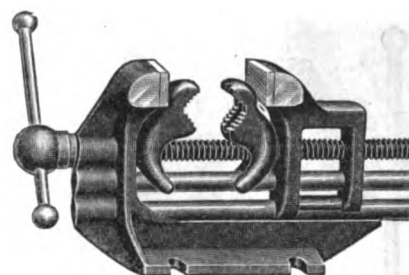
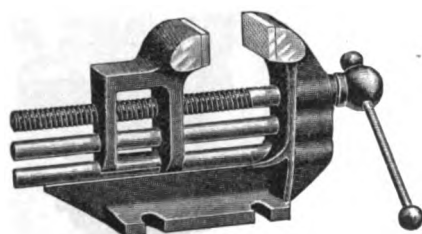
Nos.	V15	V17	V20	V22	V25	V30
Width of Jaws, Inches...	1 1/2	1 3/4	2	2 1/4	2 1/2	3
Jaws Open, Inches.....	2	2 1/4	2 1/2	2 3/4	3 1/4	4 1/4
Gross Weight Each, Lbs..	3 1/2	4 1/4	6	8	11	16
Each	\$1.25	1.50	2.00	2.30	3.10	4.10

No. V31—Same as No. V30 but with Additional Pipe Jaws\$4.60

Clamp Base, Iron Jaws, Japanned Body.

No. V60—Width of Jaws 1 1/2 inches, Jaws Open 1 1/4 inches, Gross Weight Each 1 1/2 Lbs.....\$0.35

A very good quality vise for automobile tool kit and other similar uses, where a small, practical vise is needed. Is equipped with steel guides, steel feed-screw and steel thumb screw. It is impossible for the jaws to become sprung or out of alignment.



Corrugated Steel Jaws, Japanned Body.

Nos.	V65	V70
Width of Jaws, Inches.....	2 1/2	3
Jaws Open, Inches.....	3 1/2	5
Gross Weight Each, Lbs.....	9	13 1/2
Each	\$2.40	3.10

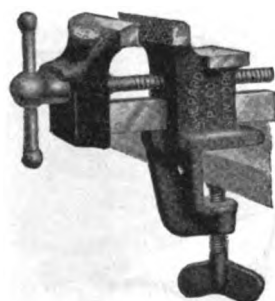
The movable jaws slide on steel guides, which absolutely prevent the vise from being sprung, or becoming out of alignment. The guides, feed-screw and handle are made of heavy steel, and the inserted jaws are corrugated so as to grip the work tightly.

Corrugated Steel Jaws, Additional Pipe Jaws, Japanned Body.

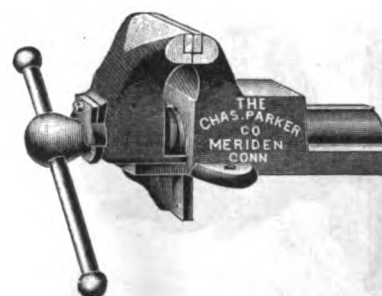
No.	V71
Width of Jaws, Inches.....	3
Jaws Open, Inches.....	5
Holds Pipe, Diameter, Inches.....	1/2 to 2
Gross Weight Each, Lbs.....	14
Each	\$3.60

Is just exactly the same as Luther Bench Vise No. V70, but has the additional equipment of Luther Pipe Jaws, which will firmly hold any pipe from 1/2 to 2 inches in diameter.

SHEPARD'S TABLE CLAMP



PARKER'S OVAL SLIDE



Hardened Steel Jaws, Wrought Steel Sliding Bars, Screws and Levers, Polished Anvil.

Nos.	152	153	154
Jaws, Inches	1 1/2	1 3/4	2
Jaws Open, Inches.....	1 1/2	1 3/4	2
Weight Each, Lbs.....	1 1/2	2 1/2	3
Each	\$0.75	1.15	1.45

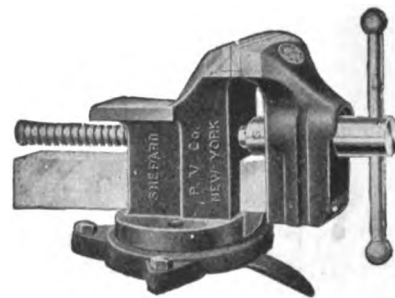
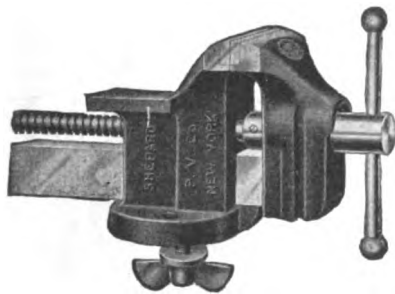
Stationary Base, Polished Steel Faced Jaws, Covered Wrought Iron Screw.

Nos.	30	31	33	34
Jaws, Inches	2 5/8	3	3 1/2	4
Jaws Open, Inches.....	3 3/4	4	4	4
Weight Each, Lbs.....	8 1/2	13	22	28
Each	\$2.60	3.20	4.50	5.50

All Above, Open Stock.

VISES

SHEPARD'S



Stationary Base, Wrought Steel Sliding Bar, Screw, Lever and Jaws, Polished Anvil and Jaws.

Nos.	161	161 ½	162	163	164
Jaws, Inches	2 ½	3	3 ½	4	4 ½
Jaws Open, Inches...	3	3 ½	4	6	7 ½
Weight Each, Lbs....	10	12	16	30	44
Each	\$3.00	3.60	4.15	6.00	9.00

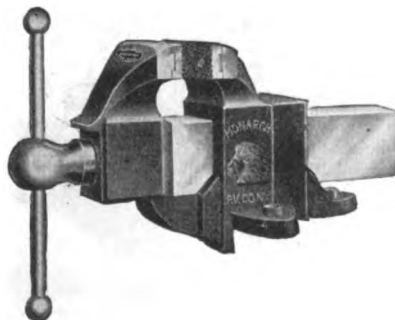
Can be used as either stationary or swivel bottom vise. Equipped with central bolt, nut and washer for fastening to bench. Provided with holes for permanently securing to bench.

Swivel Base, Wrought Steel Sliding Bar, Screw, Lever and Jaws, Polished Anvil and Jaws.

Nos.	61	61 ½	62	63	64
Jaws, Inches	2 ½	3	3 ½	4	4 ½
Jaws Open, Inches...	3	3 ½	4	6	7 ½
Weight Each, Lbs....	12	14	18	32	48
Each	\$3.40	4.00	4.50	6.80	10.15

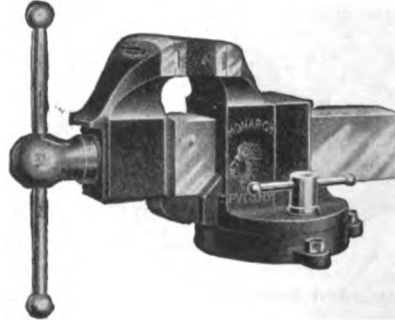
Most convenient cheap vise ever offered. Handiest swivel bottom on any vise—all on top of work bench.

MONARCH MACHINISTS'



Stationary Bottom, Solid Steel Jaws, Parallel.

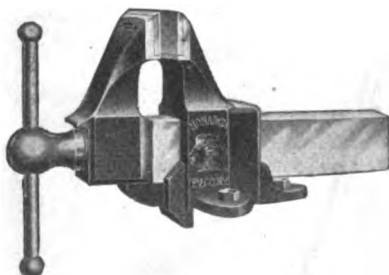
Nos.	213	215	217	219
Jaws, Inches	3 ½	4	4 ½	5
Jaws Open, Inches...	4	5 ½	6	7
Weight Each, Lbs....	22	28	42	52
Each	\$7.20	8.40	10.20	12.00



Swivel Bottom, Solid Steel Jaws, Parallel.

Nos.	214	216	218	220
Jaws, Inches	3 ½	4	4 ½	5
Jaws Open, Inches...	4	5 ½	6	7
Weight Each, Lbs....	28	36	52	64
Each	\$9.00	10.50	12.60	15.00

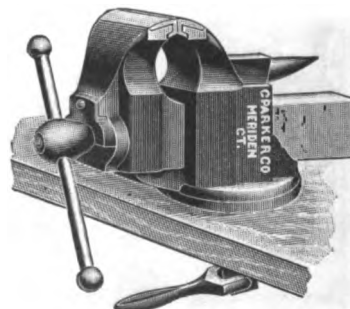
MONARCH WOODWORKERS'



Stationary Base, Coachmakers' Solid Steel Jaws, Parallel.

No.	220
Jaws, Inches	4 ½
Jaws Open, Inches...	9
Weight Each, Lbs....	48
Each	\$11.50

PARKER'S IMPROVED



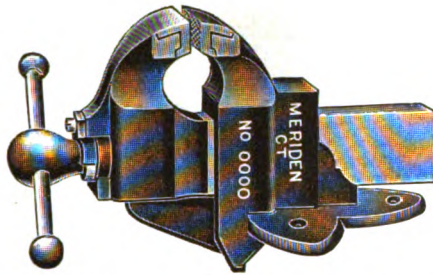
Swivel Base, Semi-Steel, Milled and Fitted Steel Faced Jaws, Cast Steel Anvil.

Nos.	20	21	22
Jaws, Inches	2 ¼	3 ¼	3 ¾
Jaws Open, Inches...	2 ¼	4 ¼	4 ¾
Weight Each, Lbs....	8 ½	23	35
Each	\$8.50	12.00	15.00

All Above, Open Stock.

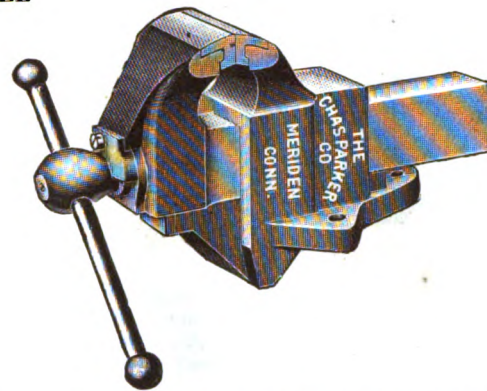
VISES

PARKER'S PARALLEL



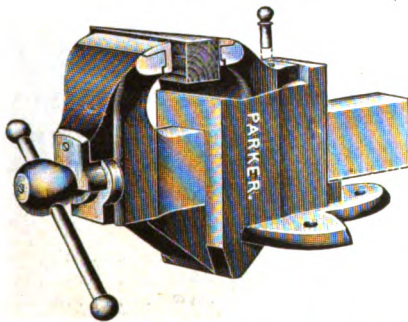
Stationary Base, Milled and Fitted Steel Jaws, Painted Green.			
Nos.	0000	100	200
Jaws, Inches	3 1/4	3 5/8	4 1/8
Jaws Open, Inches.....	4	4 1/4	5 1/4
Weight Each, Lbs.....	23	31 1/2	41 1/2
Each	\$8.80	10.40	13.60

These Vises are equal in strength and finish to any Vise on the market, excepting the Regular Parker Line.



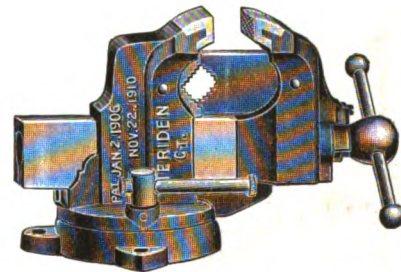
Stationary Base, Semi-Steel, Milled and Fitted Steel Jaws.			
Nos.	000X	1X	2X
Jaws, Inches	3 1/4	3 3/4	4 1/4
Jaws Open, Inches.....	4 1/4	5 1/2	6 1/2
Weight Each, Lbs.....	29	45	58
Each	\$10.65	12.00	15.25

PARKER'S VICTOR



Stationary Base, Semi-Steel Self-Adjusting Back Jaw, Steel Faces, Milled and Fitted.			
Nos.	370	371	372
Jaws, Inches	3 1/4	3 5/8	4 1/2
Jaws Open, Inches.....	3 3/8	5	6
Weight Each, Lbs.....	25	40	59
Each	\$11.75	12.60	18.00

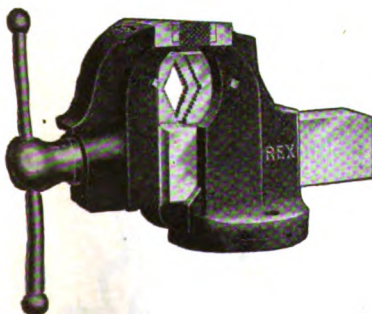
PARKER'S COMBINATION PIPE



Swivel Base, Milled and Fitted Steel Jaws, with Patent Tightening Stud.		
Nos.	87	88
Jaws, Inches	3 5/8	4 1/8
Jaws Open, Inches.....	4 3/4	6
For Pipe up to, Inches.....	2	3
Weight Each, Lbs.....	41	59
Each	\$16.00	22.00

VISES

REX COMBINATION PIPE



Swivel Base, Steel Faced Jaws.	
No.	700 1/2
Jaws, Inches	3
Jaws Open, Inches.....	2 3/4
Holds Pipe, Inches.....	1/8 to 1
Weight Each, Lbs.....	20
Each	\$9.00

Especially adapted for automobile use. The swivel base will not slip.

PRENTISS' HINGED PIPE

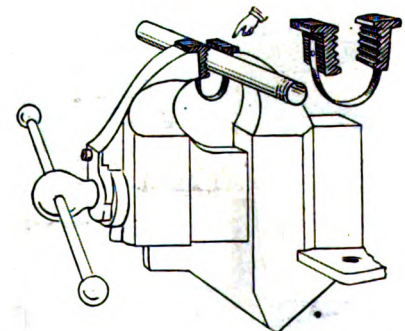


Best Malleable Iron, Finest Steel Jaws, Handsomely Finished.

Best Malleable Iron, Finest Steel Jaws, Handsomely Finished.		
Nos.	B	C
Holds Pipe, Inches.....	1/8 to 2 1/2	1/8 to 3
Wt. Each, Lbs.....	13	20
Each	\$4.00	5.00

VISE JAWS

ELGIN



Elgin Vise Jaws.....\$4.00 Per Dozen

Will make a regular vise a pipe vise. Fits any vise, big or little.

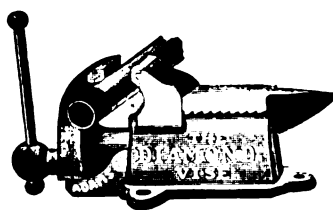
Holds anything, round, little or big.

COMBINATION VISES AND ANVILS

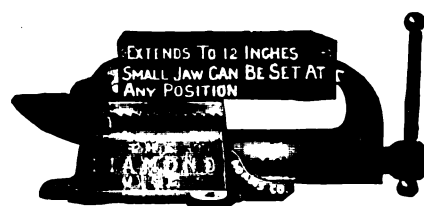
DIAMOND



For Small Work.



As a Pipe Vise.



Adjustable for Large Work.

Each

- No. 42—4 inch Steel Faced Jaws Opening 12 inches, Green Painted Cast Iron Body, 3x7 inch Hardened and Polished Iron Anvil Face, $\frac{3}{4}$ x10 $\frac{1}{2}$ inch Steel Screw, Small Jaw Can be Quickly Set at Any Position, Holds 2 inch Pipe, without Drill Attachment \$6.00
- Weight Each, Boxed, 42 Pounds.
One in a Box.



Cut Showing Drill Attachment Attached to Vise.

DIAMOND DRILL ATTACHMENT

Each

- No. 42A—Diamond Drill Attachment, Cast Iron, Painted Green, Polished Head, Takes Square Shank Bit Stock Drills up to $\frac{3}{4}$ inch \$3.00
- Weight Each, Boxed, 15 Pounds.
One in a Box.

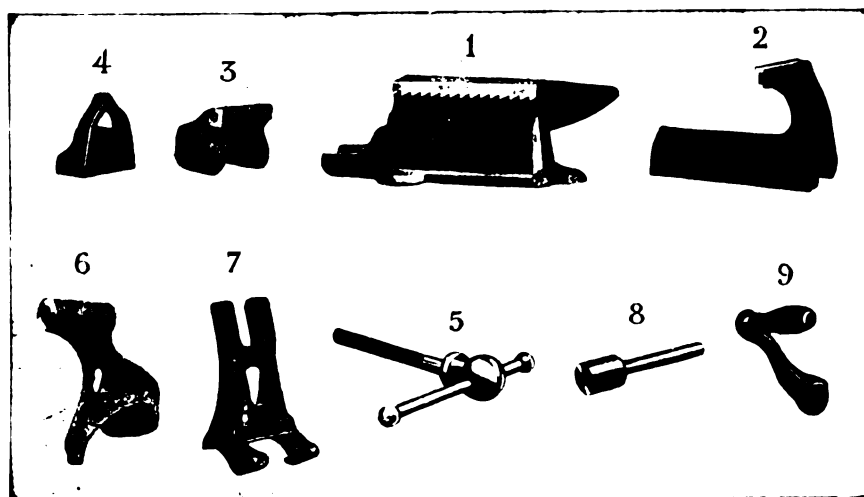
EXTRA PARTS FOR DIAMOND VISE AND DRILL ATTACHMENT

For Diamond Vise.

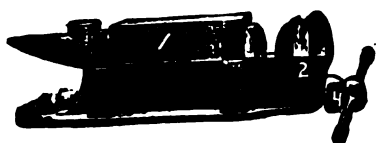
	Each
No. 1—Body	\$3.00
No. 2—Large Jaw	1.75
No. 3—Small Jaw	1.00
No. 4—Cast Nut .....	.50
No. 5—Screw and Handle	1.30

For Diamond Drill Attachment.

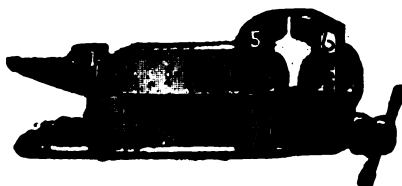
	Each
No. 6—Frame	\$1.00
No. 7—Back Rest	1.00
No. 8—Spindle .....	.30
No. 9—Crank Handle .....	.50



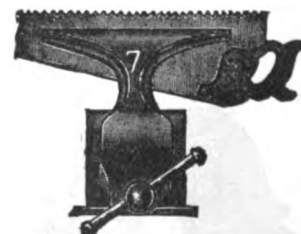
HANSON'S



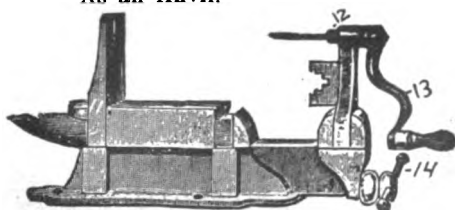
As an Anvil.



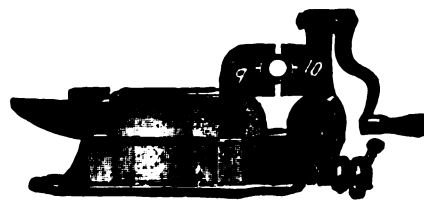
As Vise and Anvil.



As a Saw Clamp.



As a Drill.



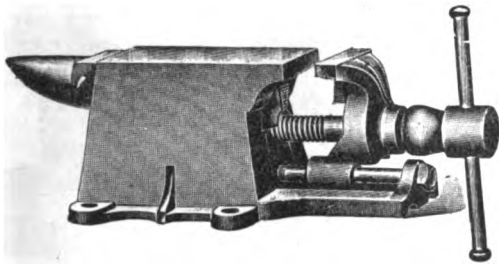
As a Pipe Vise.

Each

- No. 85—Hanson's, Five Tools in One, 4 inch Steel Faced Jaws, Opens 4 inches, $\frac{3}{4}$ inch Steel Screw, Face of Anvil 3x5 $\frac{3}{4}$ inches, Chilled Face, Polished Head and Jaws, Takes $\frac{1}{4}$ to 1 $\frac{3}{4}$ inch Pipe, Complete for 5 Tools as Illustrated Above.. \$8.50
- Weight Each Complete 75 Pounds.
One in a Box.

COMBINATION VISES AND ANVILS

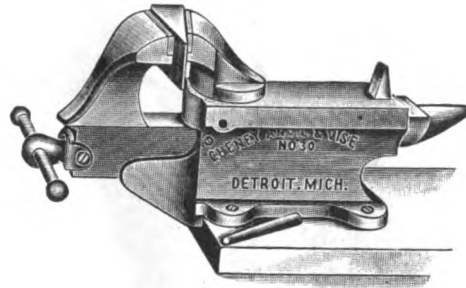
AUSTIN



No. 3A—7x3 inch Hardened and Polished Face, Jaws
Open 4 inches, Wrought Iron Screw, Holds Gas
Pipe or Round Iron, Weight Each 22 Lbs.....\$3.00

Each

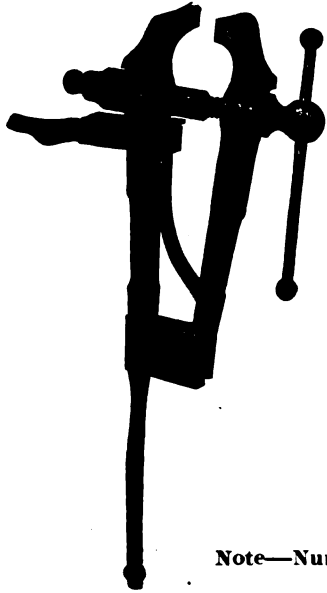
CHENEY'S



Car Wheel Iron Body, Chilled Hard and Smooth Face, Steel
Faced Jaws, Complete with Steel Hardy.

Nos.	10	20	30
Face of Anvil, Inches....	4 1/2 x 2	6 1/2 x 3	8 x 3 1/2
Jaws, Inches	2 1/2	3 1/2	4
Jaws Open, Inches.....	3	4	5
Weight Each, Lbs.....	9	25	35
Each	\$5.50	7.25	8.75

BLACKSMITHS' VISES



SOLID BOX

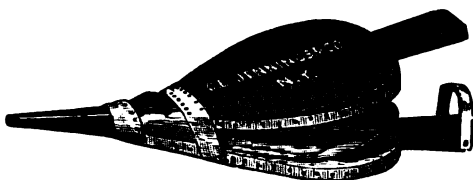
Wrought Steel, Superior Finish. Polished Jaws. Wrought Steel Screw, Patented Concave and Convex Ball Bearing Washers, Removing Liability of Stripping the Thread or Breaking the Screw.

Note—Numbers Also Indicate the Weight of the Vise.

Nos.	35	40	45	50	60
Jaws, Inches	3 3/4	4	4 1/4	4 1/2	5
Each	\$10.00	10.50	11.00	11.50	13.00
Nos.	70	80	90	100	115
Jaws, Inches	5 1/4	5 1/2	5 3/4	6	6 1/4
Each	\$15.00	17.50	20.00	22.00	24.00
Nos.		125	150	180	200
Jaws, Inches		6 1/2	7	7 1/2	8
Each		\$26.00	39.60	51.70	61.60

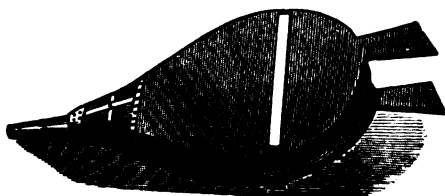
BELLOWS

HAND



Nos.	60	70	80	90
Width, Inches	6	7	8	9
Per Dozen	\$9.50	11.00	13.00	15.00

MOULDERS'



	Per Dozen
No. 10 — 10	
in. Wide..	\$21.00
No. 12 — 12	
in. Wide..	26.00

ANVILS

HAY-BUDDEN BLACKSMITHS'



Made of the Best American Wrought Iron and Faced with Best Crucible Cast Steel. Top and Bottom are Each One Solid Piece and Welded at the Waist.

Weight, Lbs.	80 to 200	70 to 79	60 to 69	40 to 49
Advance	Base	\$0.00 1/2	.01	.03
Net, Per Pound				\$.....

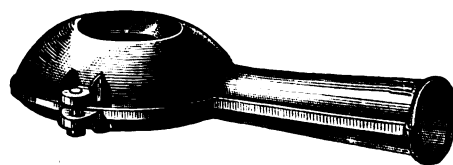
VULCAN BLACKSMITHS'



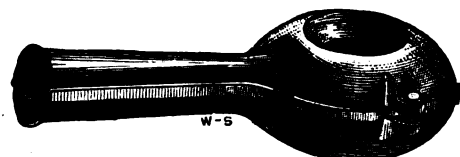
One Solid Piece English Tool Steel Face, Thoroughly Welded to the Body, Accurately Ground and Tempered. The Horn is Covered with and its Extremity Made Entirely of Tough Untempered Steel. Best Lake Superior Charcoal Iron Body.

Nos.	0	2	3	4	5	6
Wt. Each, Lbs.....	10	20	30	40	50	60
Each	\$3.90	5.60	6.80	7.40	8.40	9.10
Nos.	7	8	9	10	12	15
Wt. Each, Lbs.....	70	80	90	100	120	150
Each	\$10.25	11.25	12.60	14.00	16.80	21.00

TUYERE IRONS



No. 0—Duck Nest, Single, Weight Each 12 Lbs.....\$1.20



No. 100—Duck Nest, Double, Weight Each 17 Lbs.....\$1.50

PORTABLE FORGES

LEADER



- No. 11—With Wind Shield, 30 inches High without Shield, 18 inch Diameter Hearth, 7½ inch Diameter Fan, Heats 1 inch Iron, Weight Each 65 Lbs. **\$12.50** Each

Suitable for Light Outdoor Work.

HERO



No. 6.



No. 7.

- No. 6—With Wind Shield, 30 inches High, without Shield, 18 inch Diameter Hearth, 7½ inch Diameter Fan, Noiseless Adjustable Friction Clutch, Heats 1½ inch Iron, with Shelf, Weight Each 90 Lbs. **\$17.50** Each
- No. 7—With Half Hood, Otherwise Same as No. 6, Weight Each 95 Lbs. **23.00**

CHAMPION AGRICULTURAL



No. 150.



No. 151.

- No. 150—With Wind Shield, 30 inches High, without Shield, 18 inch Diameter Hearth, 8 inch Diameter Fan, Taper-Turned Bearings, Weight Each 80 Lbs. **\$9.00** Each
- No. 151—With Half Hood, Otherwise Same as No. 150, Weight Each 85 Lbs. **9.50**
- Intended for all kinds of very light repair work. Especially adapted for farmers who only have use for a forge occasionally and then only for light work.



No. 100.



No. 101.

- No. 100—With Wind Shield, 30 inches High, without Shield, 22 inch Diameter Hearth, 9 inch Diameter Fan, Taper-Turned Bearings, Weight Each 95 Lbs. **\$11.00** Each
- No. 101—With Half Hood, Otherwise Same as No. 100, Weight Each 100 Lbs. **12.00**
- These forges are larger in both hearth and fan than the usual agricultural forges. The hearth is also deeper and heavier.

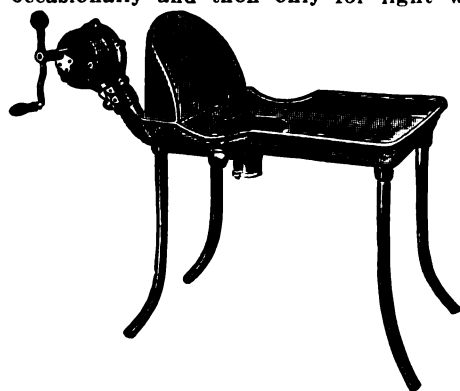
TIGER.

With Wind Shield and Crank Gear.

- No. 252—30 inches High, without Shield, 25x36 inch Hearth, 9 inch Diameter Fan, Weight Each 175 Lbs. **\$28.00** Each

With Half Hood and Crank Gear.

- No. 253—30 inches High, without Hood, 25x36 inch Hearth, 9 inch Diameter Fan, Weight Each 180 Lbs. **31.00** Each



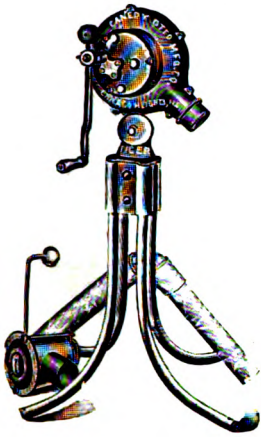
No. 252.



No. 253.

These Forges have a large roomy fire pot, conveniently shaped hearth, and splendid blast. They are very serviceable forges at low cost.

BLACKSMITHS' HAND BLOWERS



TIGER

Cut Gears, Oil Tight and Dust Proof Gear Case, Crank Turns Forward or Backward.

Each
No. 1T—11½ inch Diameter Fan, Complete with Tuyere Iron and Piping, Weight Each
95 Lbs.\$20.00

This Blower is made to meet the demand for a blower of ordinary construction. It gives a good blast and is neatly finished. A good, serviceable article.

BLACKSMITHS' DRILLS

HORIZONTAL

With Solid Standard.

Each
No. 1—Cast Iron Frame, Crank and Feed Wheel, Polished
Steel Feed Screw and Chuck, Fitted for Square Shank
Bits\$3.25

Weight Each 25 Pounds.



No. 1.

CHAMPION POST

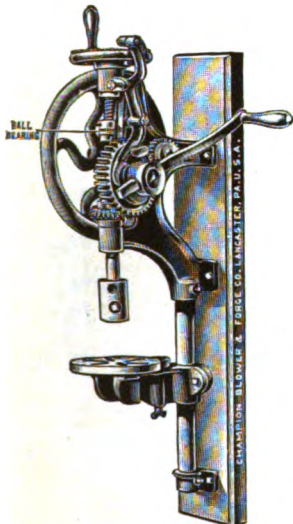
With Ball Bearings and Automatic Self-Feed.

All Bearings Ground Out of the Solid Metal. Lathe Turned and Slotted Table.

Each
No. 102—¾ inch Spindle,
Up and Down Run of
Spindle 3 inches, Drills
to Center of 12 inch
Circle, Drills from 0 to
¾ inch Holes, Spindle
Bored for ½ inch
Round Shanks.....\$12.00
Chuck—For Square Shank
Drills 1.25

Particularly serviceable for light
work. No babbitt used on this
drill.

Weight Each Crated 65 Pounds.



SILVER'S POST

With Ball Bearings and Intermediate Gear.
Self-Feed, Fast or Slow Speed.
Steel Spindle and Shaft.

Each
No. 22—48 inches High, 1 inch
Spindle, Run of Spindle 3¾
inches, Size of Column 1½ inches,
Greatest Distance from Spindle to
Table 13 inches, Spindle Turns
1½ Times to 1 Turn of Crank on
Fast Speed, Crank Turns 1½
Times to One Turn of Spindle on
Slow Speed, Drills 1¼ inches to
Center of 15 inch Circle, Spindle
Bored for ½ inch Round Shanks.\$14.00
Chuck—For Square Shank Drills..... 1.25



A perfect drill for light and medium work. The inter-
mediate gear wheel eliminates necessity of turning crank
reverse direction on slow speed.

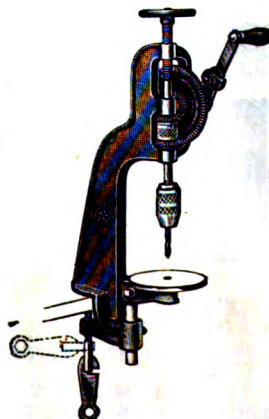
Weight Each Crated 115 Pounds.

BENCH DRILLS

MILLERS FALLS

Frame Finished in Dark Gray with
Red Trimmings, Large Gear
Painted Red.

Each
No. 210—24 inches High,
Maximum Distance from
Chuck to Table 9 inches,
Hand Feed, Instantly
Changeable Speed 1½ to
1 and 4 to 1, Adjustable
Crank, Table with Swivel
Arm, May be Raised
within Range of 2 inches,
Star Pattern Chuck Hold-
ing Round Shanks from 0
to ½ inch, Complete with
Wrench Fitting All Nuts
on the Tool, Weight Each
Boxed 27½ Lbs.....\$12.00

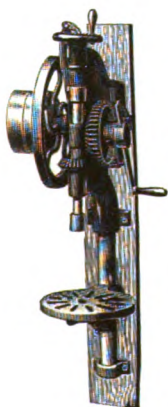


BLACKSMITHS' DRILLS

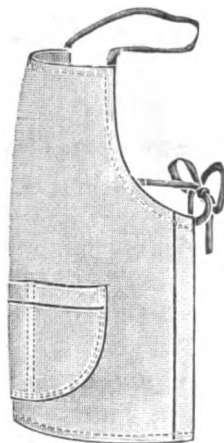
SILVER'S POST

With Ball Bearings and Intermediate Gear.
Self-Feed, Fast or Slow Speed.

Each
No. 23—50 inches High, 1½ inch
Spindle, Run of Spindle 4 inches,
Size of Column 2 inches, Greatest
Distance from Spindle to Table
16 inches, Spindle Turns 1½
Times to 1 Turn of Crank on
Fast Speed, Crank Turns 1½
Times to 1 Turn of Spindle on
Slow Speed, Drills 1½ inches to
Center of 18 inch Circle, Spindle
Bored for ½ inch Round Shanks,
without Pulleys, Weight Each
Crated 170 Lbs.....\$21.00
Chuck—For Square Shank Drills..... 1.25



CARPENTERS' APRONS



No. 10—Heavy Duck, Wide Waist and Neck Webs, with Pockets \$5.00
Per Dozen
One-half Dozen in a Bundle.

MASONS' TOOL BAGS

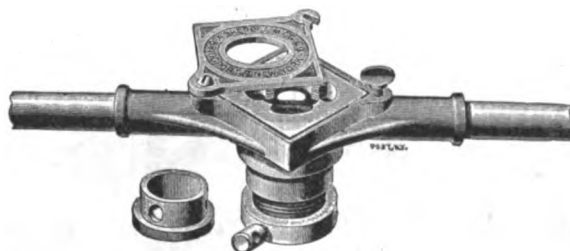


Strong 18 oz. Canvas Sewed, on a Lock stitch Machine with Heavy Carpet Twine, Steel Frame, Leather Handles, Billets and Buckle Pieces, Large Inside Pocket, with Lock and Key.

Nos.	25	26	28
Length, Inches	18	20	24
Width, Inches	4 1/2	4 1/2	6 1/2
Height, Inches	15	16	17
Each	\$2.80	3.00	3.50

One Dozen in a Burlap Bundle.

PIPE STOCKS AND DIES



Malleable Iron Stock, Nickel Plated Cap Plate, Nickel Plated Drawn Steel Tubing Handles, with Outside Ends Closed Solid, Welded and Rounded, High Grade Special Tool Steel Dies.

Nos.	1	1 1/2	1 3/4	*2
Threads Pipe, Inches.	1/4, 3/8, 1/2, 3/4, 1	3/4, 1, 1 1/4	1, 1 1/4, 1 1/2	1 1/4, 1 1/2, 2
No. of Dies with Each Stock.	5	3	3	3
Dimensions of Dies, Inches.	2 3/8 x 3/4	3 x 3/4	3 x 3/4	3 7/8 x 7/8
Weight Each, Lbs.	14	15	16	25
Each, Complete with Dies.	\$9.00	8.10	8.10	12.00

*No. 2 has Leader Screw Attachment.

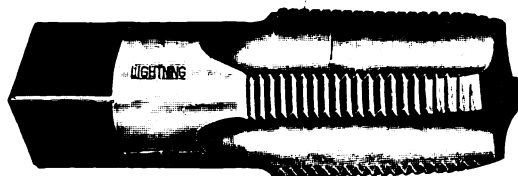
SOLID PIPE DIES



Right or Left Hand, for Pipe Stocks

For Stocks, Nos.	1	1 1/2	1 3/4	2
Size, Inches	2 3/8 x 3/4	3 x 3/4	3 x 3/4	3 7/8 x 7/8
For Pipe, Inches.	1/4, 3/8, 1/2, 3/4, 1	3/4, 1, 1 1/4	1, 1 1/4, 1 1/2	1 1/4, 1 1/2, 2
Each	\$1.20	1.50	1.50	2.10

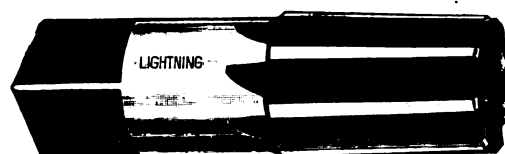
PIPE TAPS



No. 320—Taper 3/4 inch to the Foot.

Diameter, Inches.	3/8	1/2	3/4	1	1 1/4
Each	\$0.70	.75	.90	1.15	1.50
Diameter, Inches.	1	1 1/4	1 1/2	2	
Each	\$1.90	2.25	2.80	3.75	

PIPE REAMERS

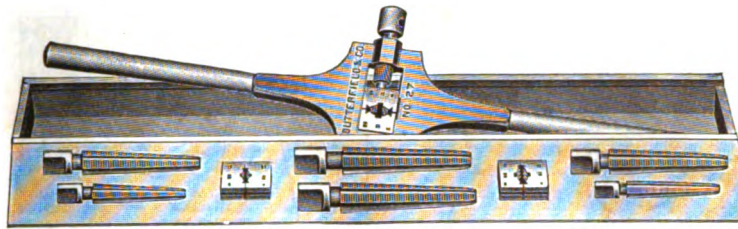


No. 480—Taper 3/4 inch to the Foot.

Diameter, Inches.	3/8	1/2	3/4	1	1 1/4
Each	\$0.70	.75	.90	1.15	1.50
Diameter, Inches.	1	1 1/4	1 1/2	2	
Each	\$1.90	2.25	2.80	3.75	

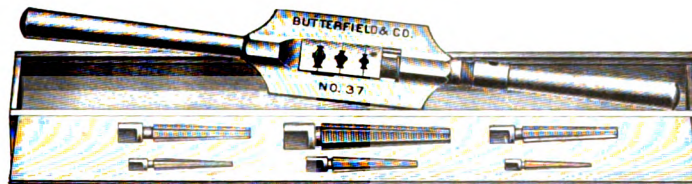
Note—Right Hand Threads Always Furnished Unless Left Hand Thread is Specified.

BLACKSMITHS' STOCKS AND DIES



Nos.	Cuts.		Threads to the Inch.		Number of Taps.	Pairs of Dies.	Stocks and Dies. Per Set.	Extra Dies. Per Full Set.
	Right Hand, Inches.	Left Hand, Inches.	Right Hand.	Left Hand.				
25	$\frac{3}{4}$ to $\frac{3}{8}$	$\frac{3}{4}$ to $\frac{1}{2}$	10 and 16	10	6	3	\$6.50	\$2.25
45	$\frac{5}{8}$ to $\frac{1}{8}$	$\frac{5}{8}$ to $\frac{1}{8}$	12 and 16	12	6	3	5.50	2.25
47	$\frac{5}{8}$ to $\frac{1}{4}$		12, 14 and 18		6	3	5.50	2.25
49	$\frac{1}{2}$ to $\frac{1}{4}$	$\frac{1}{2}$ to $\frac{1}{8}$	14 and 18	14	6	3	4.50	2.00

One Set in a Box.

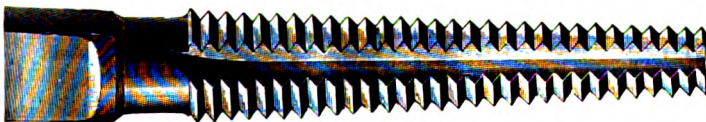


Nos.	Cuts.		Threads to the Inch.		Number of Taps.	Sets of Dies.	Stocks and Dies. Per Set.	Extra Dies. Per Full Set.
	Right Hand, Inches.	Left Hand, Inches.	Right Hand.	Left Hand.				
23	1 to $\frac{3}{8}$		9, 10 and 14	10 and 14	3	3	\$5.00	\$2.00
32	$\frac{3}{4}$ to $\frac{3}{8}$	$\frac{3}{4}$ to $\frac{3}{8}$	10 and 14		4	4	5.00	2.25
34	$\frac{3}{4}$ to $\frac{1}{8}$		10, 12 and 16		3	3	4.50	2.00
35	$\frac{3}{4}$ to $\frac{3}{8}$		10 and 14		2	2	4.00	1.50
37	$\frac{5}{8}$ to $\frac{1}{8}$		14, 18 and 22		6	3	4.25	1.50
37A	$\frac{5}{8}$ to $\frac{1}{8}$		12, 14 and 16		6	3	4.25	1.50
41	$\frac{1}{2}$ to $\frac{1}{8}$		16, 20 and 26		6	3	3.25	1.50
42	$\frac{1}{2}$ to $\frac{1}{8}$	$\frac{1}{2}$ to $\frac{1}{8}$	14 and 20		6	3	3.50	1.50
43	$\frac{1}{2}$ to $\frac{1}{8}$		16, 20 and 26	14	4	3	3.00	1.50
53	$\frac{1}{8}$ to $\frac{1}{8}$		16, 20, 24 and 32		4	4	2.75	1.50

Note—Never give the Number on the Dies when ordering Extra Dies for Repairs. Give only the maker's name and the Number on the Stock for which Dies are wanted, stating Right or Left Hand, Number of Threads, etc.

One Set in a Box.

BLACKSMITHS' TAPER AND PLUG TAPS



Style of Taper Tap.

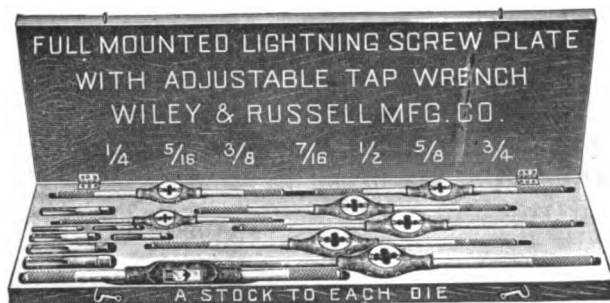


Style of Plug Tap.

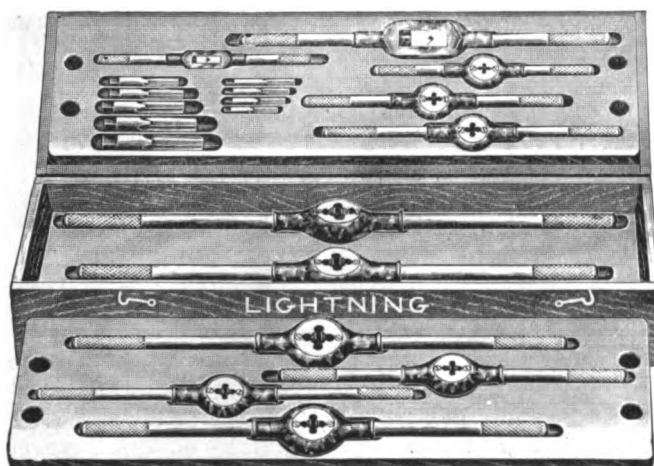
Size, Inches.	Each.	Number of Threads to the Inch, Right Hand.	Taps in Each Box.	No. of Threads to the Inch, Left Hand.	Taps in Each Box.	Size, Inches.	Each.	Number of Threads to the Inch, Right Hand.	Taps in Each Box.	No. of Threads to the Inch, Left Hand.	Taps in Each Box.
$\frac{1}{8}$	\$0.30	30 and 32	6			$\frac{2}{16}$	\$0.50	10, 12 and 14	6	12	6
$\frac{1}{16}$	.30	24 and 26	6			$\frac{5}{16}$	.50	10, 11, 12 and 14	6	10 and 12	6
$\frac{1}{4}$	.30	18, 20, 22, 24 and 26	6			$\frac{3}{4}$	.65	8, 9, 10 and 12	6	10 and 12	4
$\frac{1}{8}$	.30	16, 18, 20 and 22	6			$\frac{7}{8}$	.90	8, 9 and 10	4	9	4
$\frac{3}{8}$	.35	12, 14, 16 and 18	6			1	1.25	7, 8, 9 and 10	2	8 and 9	2
$\frac{1}{2}$	.40	12, 14, 16 and 18	6	14	6	$1\frac{1}{4}$	1.75	6, 7, 8 and 9	2	8 and 9	2
$\frac{1}{2}$	.40	12, 13, 14 and 16	6	12 and 14	6	$1\frac{1}{2}$	3.00	6, 7 and 8	2	6, 7, and 8	2

NOTE—When Ordering Always State if Taper or Plug Taps are Wanted.

LIGHTNING FULL MOUNTED SCREW PLATES

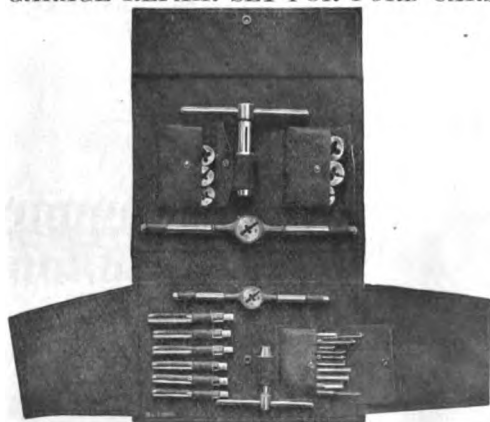


No. 1223—7 Sizes, $\frac{1}{4}$ to $\frac{3}{4}$ inch, One Stock for Each Die, with Taps, Dies and One No. 6 15 inch Adjustable Tap Wrench, Complete in Hardwood Case, Weight Per Set 24 Lbs. **\$25.50**
 Size, Inches $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
 Threads 20 18 16 14 13 11 10



No. 1229—9 Sizes, $\frac{1}{4}$ to 1 inch, One Stock for Each Die, with Taps, Dies and Two Adjustable Tap Wrenches, One No. 5, 11 $\frac{1}{2}$ inch, and One No. 7, 19 $\frac{1}{2}$ inch, Complete in Hardwood Case, Weight Per Set 37 Lbs. **\$41.25**
 Sizes, Inches $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1
 Threads 20 18 16 14 13 11 10 9 8
 Note— $\frac{1}{2}$ inch Oversize V Thread Furnished Unless Otherwise Ordered.

GARAGE REPAIR SET FOR FORD CARS



With S. A. E. Standard Taps and Round Adjustable Dies.

No. 2500—16 Sizes, 6-32, 10-24, 10-32, 12-24, 14-24, 3/4-32, 1/2-20, 3/8-18, 1/2-24, 3/8-16, 3/4-24, 1 1/8-16, 1 1/4-14, 1 1/2-20, 1 3/4-20 and 1/2 Pipe; Plug Taps; 1/8 inch Diameter Dies for Sizes 1/8 inch and Smaller; 1 inch Diameter Dies for Sizes 1/2 inch and Larger; 2 Stocks, 1 Each 6 3/8 and 9 inches Long; 2 Adjustable "T" Tap Wrenches, Put up in a Leather Roll, Weight Per Set 2 1/2 Lbs. **\$18.50**

GREEN RIVER



No. 1104—7 Sizes, $\frac{1}{4}$ to $\frac{3}{4}$ inches, Outside Diameter of Dies and Guides 2 $\frac{1}{8}$ inches, No. 1803, 22 inch Stock, with Taps, Dies, Guides and No. 6, 15 inch Adjustable Tap Wrench, Complete in Hardwood Case, Weight Per Set 20 Lbs. **\$21.00**
 Size, Inches $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
 Threads 20 18 16 14 13 11 10



No. 1110—7 Sizes, $\frac{3}{8}$ to 1 inch, Outside Diameter of Dies and Guides 2 $\frac{3}{8}$ inches, No. 1805, 29 inch Stock, with Taps, Dies, Guides and No. 7, 19 $\frac{1}{2}$ inch Adjustable Tap Wrench, Complete in Hardwood Case, Weight Per Set 23 Lbs. **\$31.50**
 Sizes, Inches $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1
 Threads 16 14 13 11 10 9 8



No. 1112—9 Sizes, $\frac{1}{4}$ to 1 inch, Outside Diameter of Dies and Guides 2 $\frac{3}{8}$ inches, No. 1805, 29 inch Stock, with Taps, Dies, Guides and Two Adjustable Tap Wrenches, One No. 5, 11 $\frac{1}{2}$ inch, and One No. 7, 19 $\frac{1}{2}$ inch, Complete in Hardwood Case, Weight Per Set 27 Lbs. **\$36.00**
 Sizes, Inches $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1
 Threads 20 18 16 14 13 11 10 9 8
 Note— $\frac{1}{2}$ inch Oversize V Thread Furnished Unless Otherwise Ordered.

GREEN RIVER AUTOMOBILE



With S. A. E. Standard Threads.

No. 1460—5 Sizes, $\frac{1}{4}$ to $\frac{1}{2}$ inch, Outside Diameter of Dies and Guides 2 $\frac{1}{8}$ inches, No. 1802, 18 inch Stock, with Taps, Dies, Guides and No. 5, 11 $\frac{1}{2}$ inch Adjustable Tap Wrench, Complete in Hardwood Case, Weight Per Set 11 Lbs. **\$14.50**
 Sizes, Inches $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$
 Threads 28 24 24 20 20

LIGHTNING STOCKS AND DIES

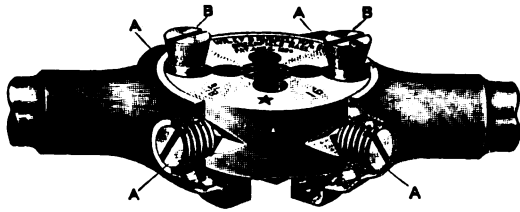


Illustration Showing Method of Adjusting the Die in Lightning Full Mounted Stocks.

Lightning Dies are Adjustable to Compensate for Variations in Size and Wear.

For Lightning Full Mounted Screw Plates.

Size, Inches.	Threads.	No. 1951 Stock.		No. 1950 Die.		Stock, Die and Tap.
		Each.	Lgth., in.	Each.	Dia., in.	
$\frac{1}{8}$	24	\$0.80	11 $\frac{1}{4}$	\$1.50	1 $\frac{1}{8}$	\$2.55
$\frac{1}{4}$	20	.80	11 $\frac{1}{4}$	1.50	1 $\frac{1}{8}$	2.60
$\frac{3}{8}$	18	.80	12 $\frac{3}{4}$	1.50	1 $\frac{1}{8}$	2.65
$\frac{1}{2}$	16	.85	15	1.75	1 $\frac{1}{8}$	3.00
$\frac{5}{8}$	14	.90	16 $\frac{3}{4}$	2.00	1 $\frac{1}{8}$	3.30
$\frac{3}{4}$	12	1.05	18 $\frac{1}{4}$	2.25	1 $\frac{1}{8}$	3.85
$\frac{7}{8}$	12	1.20	20	2.40	1 $\frac{1}{8}$	4.20
$\frac{1}{16}$	11	1.30	20 $\frac{3}{4}$	2.65	1 $\frac{1}{8}$	4.60
$\frac{1}{8}$	10	1.40	22 $\frac{1}{2}$	3.00	2 $\frac{1}{8}$	5.25
$\frac{1}{4}$	9	1.65	25 $\frac{3}{4}$	3.75	2 $\frac{1}{8}$	6.60
$\frac{1}{2}$	8	1.90	30 $\frac{3}{4}$	4.50	2 $\frac{1}{8}$	9.90

Note—When Ordering, Always Give Numbers and Size of Stocks and Dies Wanted.

GREEN RIVER DIES



Die and Guide Complete.



Sectional View Showing Hinge Screw at Right and Taper Head Screw at Left.

The Green River Die May be Adjusted without Removal from Stock by Turning a Taper Head Screw In, to Open, and Out to Close.

Size, Inches.	Threads.	No. 1962 Die, 2 $\frac{1}{8}$ in. Dia. Each.	No. 1963 Die, 2 $\frac{3}{4}$ in. Dia. Each.	Tap, Each.	Die, Guide and Tap.
$\frac{1}{8}$	24	\$1.90	\$1.90	\$0.50	\$2.55
$\frac{1}{4}$	20	1.90	1.90	.70	2.60
$\frac{3}{8}$	18	1.90	1.90	.75	2.65
$\frac{1}{2}$	16	2.25	2.25	.85	3.05
$\frac{5}{8}$	14	2.25	2.25	.90	3.10
$\frac{3}{4}$	12	2.25	2.25	1.05	3.20
$\frac{7}{8}$	12	2.40	2.40	1.20	3.40
$\frac{1}{16}$	11	2.65	2.65	1.35	3.70
$\frac{1}{8}$	10	3.00	3.00	1.80	4.30
$\frac{1}{4}$	9	3.75	3.75	2.40	5.55
$\frac{1}{2}$	8	4.50	4.50	3.00	6.25
$\frac{3}{4}$	7	5.25	5.25	3.40	7.35
$\frac{1}{16}$	7	6.00	6.00	3.90	8.85

Note—Guides for Above Dies, Each, \$0.40.

MACHINISTS' HAND TAPS

LIGHTNING, MACHINE RELIEVED



No. 302—Taper.



No. 303—Plug.



No. 304—Bottoming.

Size, Inches.	Each.	Per Set.	Number of Threads to the Inch.	Size, Inches.	Each.	Per Set.	Number of Threads to the Inch.
$\frac{1}{8}$	\$0.35	\$1.05	24	$\frac{1}{8}$	\$1.40	\$4.20	10
$\frac{1}{4}$	.45	1.35	18, 20, 22 and 24	$\frac{7}{8}$	1.60	4.80	9 and 10
$\frac{3}{8}$	.50	1.50	16, 18 and 20	$\frac{1}{2}$	1.80	5.40	9
$\frac{1}{2}$	.55	1.65	14, 16 and 18	1	2.00	6.00	8
$\frac{5}{8}$	.60	1.80	12, 14 and 16	$1\frac{1}{8}$	2.25	6.75	7 and 8
$\frac{3}{4}$	.70	2.10	12, 13 and 14	$1\frac{1}{4}$	2.60	7.80	7
$\frac{7}{8}$	.80	2.40	12 and 14	$1\frac{3}{4}$	3.00	9.00	6
$\frac{1}{16}$	.90	2.70	10, 11 and 12	$1\frac{1}{2}$	3.50	10.50	6
$\frac{1}{8}$	1.05	3.15	11 and 12	$1\frac{3}{4}$	5.00	15.00	5
$\frac{1}{4}$	1.20	3.60	10	2	6.70	20.10	4 $\frac{1}{2}$ and 5

Note—A Set Consists of Three Taps, One Each, Taper, Plug and Bottoming.

PLATE TAPS



For Lightning and Green River Screw Plates.

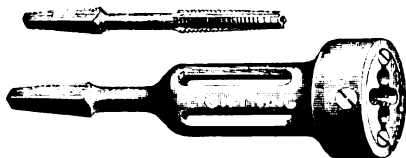
Size, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	1
No. of Threads to the Inch	24	20	18	16	14	12	12	11	10	9	8
Each	\$0.35	.45	.50	.55	.60	.70	.80	.90	1.20	1.60	2.00

Note— $\frac{1}{32}$ inch Over Size V Thread Always Sent Unless Otherwise Ordered.

TAPS, DIES AND HOLDERS

LIGHTNING

These are Extremely Valuable on Carriage Work and for Many Other Purposes.



Very Convenient for Redressing Threads or Working in Close Quarters Where it Would be Impossible to Use a Screw Plate.

Style B—For Bit Brace Use, Diameter of Dies $1\frac{1}{8}$ inches, Thickness of Dies $\frac{1}{2}$ inch.

Size, Inches	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$
Threads	24	20	18	16	14
No. 1981—Die Only	Each, \$1.50	1.50	1.50	1.50	1.75
No. 311—Tap Only	Each, .75	.75	.85	.90	1.05
No. 2250—Tap, Die and Holder, Complete	Each, 2.85	2.85	2.95	3.40	3.55

Note—Unless Otherwise Ordered, $\frac{3}{32}$ Over Size V Thread Will be Sent.

TAP WRENCHES

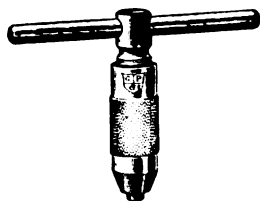
LIGHTNING ADJUSTABLE



Fine Tool Steel Jaws, Mottle Finished Drop Forged Steel Body, Polished and Knurled Handles.

Will Hold Both Hand and Pipe Taps. Adjustment is Obtained Through a Right and Left Hand Screw by Revolving One of the Handles.

Nos.	5	6	7
Length, Inches	11	15	19
Takes Hand Taps, Inches	$\frac{1}{8}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{3}{8}$ to 1
Takes Machine Screw Taps, Inches	8 to 30	8 to 30	15 to 30
Takes Pipe Taps, Inches	$\frac{1}{8}$ to $\frac{1}{4}$	$\frac{1}{8}$ to $\frac{3}{8}$	$\frac{1}{8}$ to $\frac{3}{4}$
Weight Each, Lbs.	$\frac{3}{4}$	2	3 $\frac{1}{2}$
Each	\$3.00	\$3.80	5.25



No. 88.

GOODSELL-PRATT

Hardened and Tempered Steel Jaws, Knurled Extra Long Nut.

	Per Dozen
No. 88—Capacity $\frac{1}{2}$ inch, Weight Per Dozen 3 Lbs.	\$ 8.00
No. 89—Capacity $\frac{3}{8}$ inch, Weight Per Dozen 6 Lbs.	10.50

One-twelfth Dozen in a Box.

YANKEE RATCHET

Right and Left Hand and Rigid.

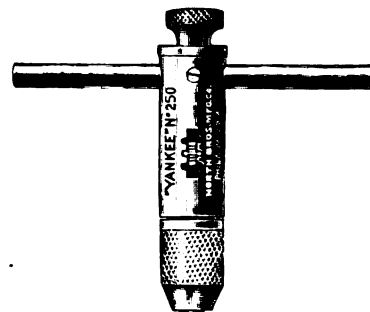
Tool Steel Ratchet and Pawls, Hardened and Tempered, Hardened Steel Jaws, Polished.

	Per Dozen
No. 250—Length Over All 3 $\frac{1}{4}$ inches, Outside Diameter of Chuck $\frac{1}{4}$ inch, Holds up to $\frac{1}{4}$ inch Taps, Weight Per Dozen 4 $\frac{1}{2}$ Lbs.	\$24.00
No. 251—Length Over All 5 inches, Outside Diameter of Chuck $\frac{3}{8}$ inch, Holds up to $\frac{1}{2}$ inch Taps, Weight Per Dozen 8 $\frac{1}{2}$ Lbs.	30.00

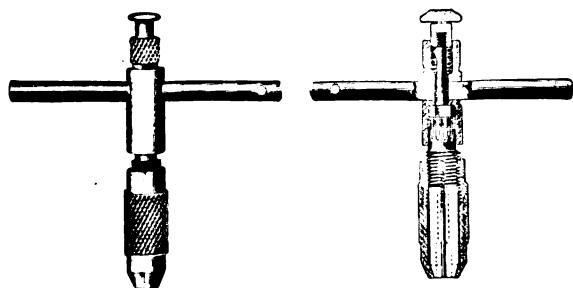
The distinguishing features are its adaptability, convenience and efficiency for working in close quarters, corners and inaccessible places.

With shifter at top, it is left hand; at bottom, right hand; and in center, an ordinary tap wrench.

One-twelfth Dozen in a Box.



No. 250.



ALERT RATCHET

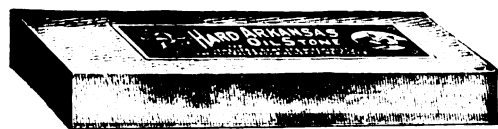
	Each
No. 2—Length Over All 3 $\frac{3}{4}$ inches, Capacity $\frac{1}{8}$ to $\frac{1}{4}$ inch, Carefully Hardened and Tempered Parts, Polished, Blue Finished to Prevent Corrosion, Jaws Adjustable to Various Sizes of Taps	\$2.40

Can be used in corners. Allows quickly changing from a solid wrench to a right or left turning tool without the inconvenience of adjusting by pin or pawl. By simple geared arrangement a right or left turning movement may be obtained by merely pressing a swivel button with the thumb or palm of the hand.

One-twelfth Dozen in a Box.

OIL STONES

HARD ARKANSAS



No. 1 Quality, Carefully Selected High Grade Arkansas Rock.

2 inches Wide, $\frac{3}{4}$ to 1 inch Thick.

Nos.	3A	4A	5A	6A	7A	8A
Length, Inches....	3 ½	4 ½	5 ½	6	7	8
Each	\$1.65	2.35	3.35	4.70	5.65	6.65

For all tools or instruments requiring long-lasting, keen cutting edges.

One in a Paper Box.

LILY WHITE WASHITA



2 inch Wide, $\frac{3}{4}$ to 1 inch Thick.

Nos.	6L	7L	8L
Length, Inches	6 ½	7 ½	8
Each	\$0.80	.85	1.00

Uniform in texture, free from foreign substance and nicely finished. The most satisfactory natural grit oilstone for carpenters' and wood workers' tools.

One in a Paper Box.

WASHITA



Extra Washita—2 inches Wide, $\frac{3}{4}$ to 1 inch Thick.

Nos.	6EW	7EW	8EW
Length, Inches	6 ½	7 ½	8
Each	\$0.65	.80	.95

No. 1 Washita—2 inches Wide, $\frac{3}{4}$ to 1 inch Thick.

Nos.	6W	7W	8W
Length, Inches	6 ½	7 ½	8
Each	\$0.45	.55	.65

Extra Washita is a hard, slow cutting stone, imparting a fine lasting edge.

No. 1 Washita is a medium priced oilstone for general use.

One in a Carton.

QUEER CREEK



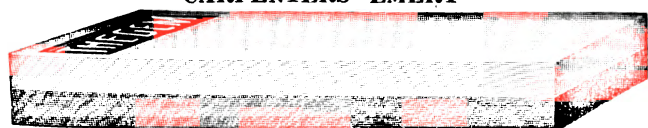
2 inches Wide, $\frac{3}{4}$ to 1 inch Thick.

Nos.	5Q	6Q	7Q	8Q
Length, Inches	5	6	7	8
Each	\$0.20	.30	.35	.40

A hard, medium-coarse grain stone. Can be used with oil or water.

One in a Carton.

CARPENTERS' EMERY



Per Dozen

No. 703—7x2x1 inch, Pure Turkish Emery, One Coarse and One Fine Side, May be Used with Oil or Water...\$5.50
One-half Dozen in a Box.

TURKEY



Extra Quality, Very High Grade Asia Minor Rock.

Nos.	7T	8T
Length, Inches	7	8
Each	\$1.65	2.00

A very fine close grained stone for mechanics' tools.

One in a Carton.

ROSY RED WASHITA



2 inches Wide, $\frac{3}{4}$ to 1 inch Thick.

Nos.	6R	7R	8R
Length, Inches	6 ½	7 ½	8
Each	\$0.80	.85	1.00

Has an even, porous grit somewhat coarser than the Lily White, and therefore is faster cutting.

One in a Paper Box.

DEERLICK



Razor Edge Grit, Fast Cutting.

Per Pound

No. 21D—½ Lb. Size, 5 inches Long, 1 ¾ inches Wide, ¾ inch Thick	\$0.40
No. 1D—1 Lb. Size, 8 inches Long, 2 inches Wide, 1 inch Thick .....	.40

These Stones are of uniform, extra quality. Will give a fine, lasting edge.

HINDOSTAN



Per Pound

No. 1H—8 inches Long, 2 inches Wide, $\frac{3}{4}$ to 1 inch Thick	\$0.12
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Soft and fine gritted, extremely useful for general sharpening purposes. Best results are obtained by using water.

Open Stock.

INDIA



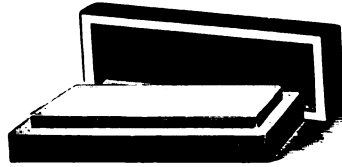
Medium Grit, Pure Alundum, Fast Cutting.

Nos.	2	20	1 ½	0
Size, Inches	6x1 ½ x ¾	6x2x1	7x2x1	8x2x1
Each	\$0.80	1.00	.85	1.00

India Oil Stones are a product of the electric furnace. They cut rapidly, last long, and are filled with oil by a patented process.

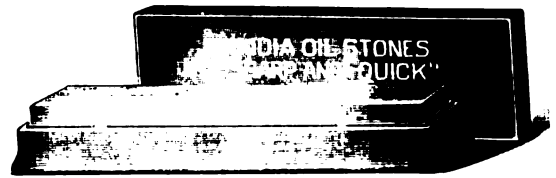
One in a Box.

MOUNTED OIL STONES



Mounted in a Nicely Finished Hardwood Box.

No. 7WM—No. 1 Washita, 7x2 inches	Each	\$1.00
No. 8WM—No. 1 Washita, 8x2 inches	Each	1.15
Per Dozen		
No. 7DM—Deerlick, 7x2 inches	Each	\$8.50
No. 1½M—India, 7x2x1 inches	Each	\$1.85



Mounted in a Japanned Iron Box, Felt Lined.

No. 29M—India, 6x2x1 inch	Each	\$1.50
No. 0M—India, 8x2x1 inch	Each	2.00

The stone rests on a piece of felt which absorbs surplus oil and keeps the stone moist. The box has four cork feet which prevent sliding on the bench.

OIL STONE SLIPS

HARD ARKANSAS



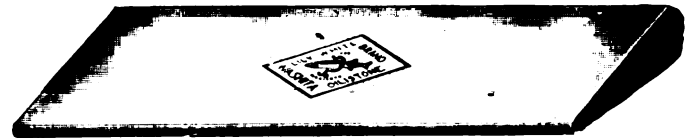
No. 1 Quality.

Nos.	3A	4A
Length, Inches	3	3
Width, Inches	1½ to 1¾	2
Back, Inches	¾	¾
Edge, Inches	¾	¾
Each	\$0.75	1.00

Hard Arkansas is composed of pure silica and its sharpening qualities are due to small sharp pointed grains, hexagonal in shape, which are much harder than steel and will, therefore, cut away and sharpen steel tools.

One in a Pasteboard Box.

WASHITA



Extra Washita.

Nos.	3EW	4EW	5EW
Length, Inches	2¾ to 3½	3¾ to 4½	4¾ to 5½
Width, Inches	1¾ to 2	1¾ to 2	1¾ to 2
Back, Inches	¾ to 1½	¾ to 1½	¾ to 1½
Edge, Inches	¾ to 1¼	¾ to 1¼	¾ to 1¼
Each	\$0.80	.85	.50

No. 1 Washita.

Dimensions Same as Above.

Nos.	3W	4W	5W
Each	\$0.20	.80	.35

Twelve in a Pasteboard Box.

OIL STONE SLIPS

INDIA



No. 14—4½ inches Long, 1¾ inches Wide, ¾ inch Back, ¾ inch Edge	Each	\$0.50
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India Oil Stones possess the characteristics of hardness, sharpness and toughness and in addition they also possess absolute uniformity. They cut rapidly, last longer and keep a better surface than any other artificial stone.

One in a Pasteboard Box.

AXE STONES



Nos.	Per Pound
No. 10H—Hindostan, 4x2x¾ to 1½ inches	\$0.12
No. 11H—Hindostan, 4x2x¾ to 1 inches	.12
No. 20D—Deerlick, 2½ to 3 x 1½ to 2x½ to ¾ inches	.24
No. 21D—Deerlick, 1½ to 2½ x 1½ to 2x¾ inches	.24
No. 30W—No. 1 Washita, 2 to 3x2x¾ to 1½ inches	.32
No. 31W—No. 1 Washita, 1½ to 2½ x 2x¾ inches	.32
No. 40W—Extra Washita, 2x1½ x ¾ inches	.50

10 Pounds in a Box.

ARKANSAS STONES

FLAT FILES



No. 02F—Hard, 3 to 4½ inches Long by ¾ to 1½ inch by ¾ to 1 inch Thick	Per Dozen	\$5.35
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SQUARE FILES



No. 04S—Hard, 3 to 4½ inches Long by ¾ to 1 inch Square	Per Dozen	\$4.65
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TRIANGULAR FILES



No. 03T—Hard, 3 to 4½ inches Long, ¾ to 1 inch Face	Per Dozen	\$6.70
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PEN KNIFE PIECES



No. 05P—Hard, 3 to 4½ inches Long by ¾ to 1 by ¾ to 1 inch	Per Dozen	\$5.35
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CARBORUNDUM STONES

Carborundum is an artificial abrasive or grinding material, a product of the electric furnace. It is very much harder than any other known abrasive, which gives it great durability. It is made up of small sharp crystals that are just brittle enough to break slightly when in use. The sharp edges of the crystals cut clean and fast, while the brittleness, by constantly presenting fresh cutting edges, prevents glazing. The combination of these qualities gives to Carborundum its unquestioned title of being one of the best of all known abrasives.

SHARPENING STONES

CARBORUNDUM

Fine Grit.

Nos.	115	118	121	124	133	136
Length, Inches	8	8	6	6	7	5
Width, Inches	2	2	2	2	2	2
Thickness, Inches	1	$\frac{3}{4}$	1	$\frac{5}{8}$	1	$\frac{5}{8}$
Weight Each, Lbs.	1 $\frac{1}{2}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{5}{8}$	1	$\frac{1}{2}$
Each	\$1.65	1.30	1.00	.85	1.30	.80

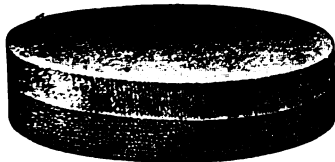
Medium Grit.

Nos.	116	119	122	125	134	137
Length, Inches	8	8	6	6	7	5
Width, Inches	2	2	2	2	2	2
Thickness, Inches	1	$\frac{3}{4}$	1	$\frac{5}{8}$	1	$\frac{5}{8}$
Weight Each, Lbs.	1 $\frac{1}{2}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{5}{8}$	1	$\frac{1}{2}$
Each	\$1.65	1.30	1.00	.85	1.30	.80

Positively unequalled for rapid cutting qualities. Used dry or with water or oil. Are quite porous and may be tempered in their cutting by filling with wax or vaseline.

One in a Carton.

ROUND COMBINATION BENCH STONES



Each
No. 107—4 inches Diameter, 1 inch Thick, One Side Coarse Grit, Other Side Very Fine Grit without Box, Weight Each $\frac{5}{8}$ Lbs. \$1.65
No. 5—Extra Box, Quartered Oak, Wt. Each 1 $\frac{1}{4}$ Lbs. 1.00

The size and shape of this stone allows for the circular motion used by carpenters and mechanics in sharpening plane irons and chisels.

POCKET HONES



Per Box of 2 Dozen
No. 149 — 3 $\frac{1}{2}$ x $\frac{1}{2}$ inch, for Sharpening Pocket Knives and Small Tools, Put up in a Neat Buff Colored Carton, 2 Dozen Cartons Put up in a 10x12 inch Display Box with Easel Back, Weight Per Box 2 $\frac{1}{4}$ Lbs. \$4.80

COMBINATION STONES



With One Side Coarse Grit, Other Side Very Fine Grit.

Nos.	108	110	109
Length, Inches	8	7	6
Width, Inches	2	2	2
Thickness, Inches	1	1	1
Weight Each, Lbs.	1 $\frac{1}{2}$	$\frac{7}{8}$	$\frac{7}{8}$
Each	\$1.95	1.65	1.30

The coarse side can be used for sharpening dull tools; the fine side for giving required keen, lasting edge.

One in a Carton.

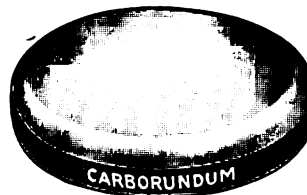
SLIP STONES



Nos.	180	181	183	184
Grit	Fine	Medium	Fine	Medium
Length, Inches	4 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$
Width, Inches	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$
Thickness, Inches	$\frac{5}{8}$ - $\frac{7}{8}$	$\frac{5}{8}$ - $\frac{7}{8}$	$\frac{1}{2}$ - $\frac{7}{8}$	$\frac{1}{2}$ - $\frac{7}{8}$
Each	\$0.80	.80	.65	.65

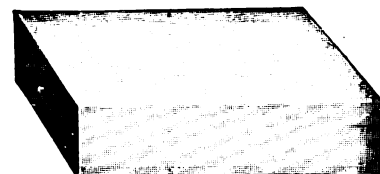
One in a Carton.

ROUND COMBINATION AXE STONES



Each
No. 196—3 inches Diameter, $\frac{5}{8}$ inch Thick, One Side Coarse Grit, Other Side Very Fine Grit, Weight Each $\frac{3}{8}$ Lb. \$0.55
One in a Carton.

AXE STONES



Nos.	193	194	195
Size, Inches	2 $\frac{1}{2}$ x 1 $\frac{1}{2}$ x $\frac{1}{2}$	3 x 1 $\frac{1}{2}$ x $\frac{1}{2}$	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{1}{2}$
Weight Each, Lbs.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
Each	\$0.35	.40	.40

One in a Carton.

SHARPENING AND COMBINATION STONE BOXES



Well Seasoned Quartered Oak, Lock Corners, Highly Polished.
Without Stone.

Nos.	1	2	4
For Stone, Inches	8x2x1	6x2x1	7x2x1
Weight Per Dozen, Lbs.	4	3	3 $\frac{1}{2}$
Each	\$0.45	.45	.45

Iron, Japanned Dead Black.

Without Stone.

Nos.	10	20	30
For Stone, Inches	8x2x1	7x2x1	6x2x1
Weight Per Dozen, Lbs.	20	18	16
Each	\$1.00	1.00	1.00

CARBORUNDUM DISPLAY CASES

The newest of the trade stimulating Carborundum Display Cases is the Four Drawer Case here illustrated. This Case is about 14 inches square and 7 inches high. It is made in the natural wood colors, is strong, durable and practical as a stock keeper and as a display medium is a most desired addition to any counter.

Four spacious drawers each fitted with a strong drawer pull, are built into the body of the Case. Each drawer is large enough to hold a good supply of the quick selling, hardest and sharpest Carborundum Stones.

A most artistic tone is given the Case by the lift-top cover, on the inside of which appears the Carborundum Indian Head Trade Mark, done in five glowing colors.

This Case is given Free to the dealer purchasing any of the Assortments of Carborundum Stones listed below.



No. 1—Assortment Containing 26 Carborundum Stones. Weight Per Case 20 Pounds.....**\$23.95**

CONTENTS.

	Retail Value.
1 Only No. 107 Round Combination Stone.....	\$1.65
2 Only No. 108 Combination Stones.....	3.90
2 Only No. 109 Combination Stones.....	2.60
1 Only No. 111 Combination Stone.....	1.00
1 Only No. 112 Combination Stone.....	.65
2 Only No. 121 Sharpening Stones, (Fine).....	2.00
1 Only No. 133 Sharpening Stone (Fine).....	1.30
4 Only No. 124 Sharpening Stones, (Fine).....	3.40
2 Only No. 136 Sharpening Stones, (Fine).....	1.60
2 Only No. 180 Slip Stones, (Fine).....	1.60
1 Only No. 181 Slip Stone, (Medium).....	.80
2 Only No. 183 Slip Stones, (Fine).....	1.30
1 Only No. 184 Slip Stone, (Medium).....	.65
2 Only No. 193 Axe Stones.....	.70
2 Only No. 195 Axe Stones.....	.80
Total Retail Value.....	\$23.95

No. 2—Assortment Containing 33 Carborundum Stones. Weight Per Case 30 Pounds.....**\$36.90**

CONTENTS.

	Retail Value.
2 Only No. 107 Round Combination Stones.....	\$3.30
2 Only No. 108 Combination Stones.....	3.90
2 Only No. 109 Combination Stones.....	2.60
2 Only No. 111 Combination Stones.....	2.00
2 Only No. 112 Combination Stones.....	1.30
2 Only No. 115 Sharpening Stones, (Fine).....	3.30
1 Only No. 116 Sharpening Stone, (Medium).....	1.65
2 Only No. 118 Sharpening Stones, (Fine).....	2.60
1 Only No. 119 Sharpening Stone, (Medium).....	1.30
2 Only No. 121 Sharpening Stones, (Fine).....	2.00
1 Only No. 122 Sharpening Stone, (Medium).....	1.00
2 Only No. 133 Sharpening Stones, (Fine).....	2.60
1 Only No. 134 Sharpening Stone, (Medium).....	1.30
2 Only No. 136 Sharpening Stones, (Fine).....	1.60
1 Only No. 137 Sharpening Stones, (Medium).....	.80
2 Only No. 142 Sharpening Stones, (Fine).....	1.30
2 Only No. 180 Slip Stones, (Fine).....	1.60
1 Only No. 181 Slip Stone (Medium).....	.80
2 Only No. 183 Slip Stones (Fine).....	1.30
1 Only No. 184 Slip Stone (Medium).....	.65
Total Retail Value.....	\$36.90

One Assortment in a Box.

CARBORUNDUM GRAINS AND POWDERS



Carborundum Grains and Powders are Graded in the Following Sizes:

6, 8, 10, 12, 14, 16, 20, 24, 30, 36, 40, 50, 60, 70, 80, 90, 100, 120, 150, 180, 220, F, FF, FFF.

	Per Pound
In 1 Lb. Tin Cans.....	\$0.51
In 5 Lb. Tin Cans.....	.42

Carborundum is a wonderfully abrasive material, diamond-like in its hardness, wonderfully sharp, fast cutting and durable. It is a product of the electric furnace.

Carborundum Grains are produced by crushing and grinding the crude crystals, washing and separating by sieves into various sizes. These are numbered, the same as emery, in accordance with the number of threads per lineal inch of the sieve through which they have passed.

PIKE OIL



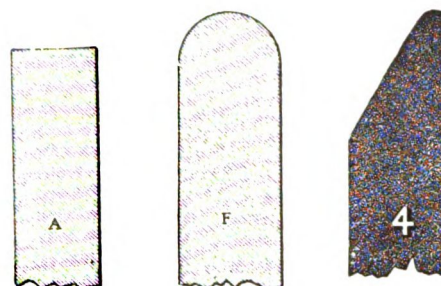
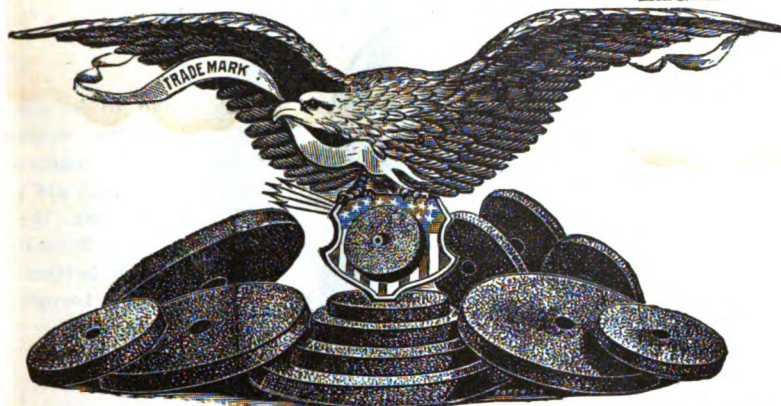
Pike Oil—In 2 Oz. Bottles.....**\$1.75**

A Perfect Oil for Oilstones, Razor Hones, Guns, Revolvers, Razors, Clippers, Razor Strops, Clocks, Typewriters, Locks, etc. Pike Oil is perfectly pure, acidless and non-drying. It will not gum, nor will it corrode the most highly polished metal. It is an oil that can be recommended with greatest safety for all purposes where a thin, pure oil is required as a lubricant or rust preventive. It is also used with a high degree of success for cleaning and polishing all kinds of wood and metal surfaces.

A Neat Wooden Display Stand Furnished with Each Dozen Bottles.

EMERY WHEELS

EAGLE



Square Face. Round Face. Beveled Face.

Manufactured from a Superior Combination of Emery and Corundum.

Stock Sizes.

For Saws, Bits, Knives, Etc., Round or Beveled Edge.

Thickness, Inches	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Diameter, Inches	8	10	10	12	12	12	12	12
Each	\$2.70	3.60	4.90	6.00	6.00	7.80	7.80	9.50

For Machinists' and General Use, Square Edge.

Thickness, Inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Diameter, Inches	4	6	8	6	8	6	8	10	12	12
Each	\$1.40	2.40	3.55	2.90	4.40	2.90	4.40	5.20	7.50	13.10

For Blacksmiths' Use, Plows, Etc., Square Edge.

Thickness, Inches	2	2	2
Diameter, Inches	12	14	16
Each	\$16.70	21.20	26.50

Above are Stock Sizes, others will be ordered from factory. See List Below. Always state exact size of Mandrel and kind of work to be done, also whether Flat, Beveled or Round is wanted.

STANDARD PRICE LIST OF SOLID EMERY AND CORUNDUM WHEELS

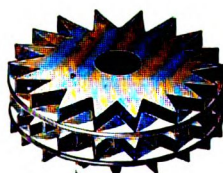
Prices Each.

Diam. in Inches	THICKNESS OF WHEELS IN INCHES														Revolutions Per Minute
	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	
4	\$1.10	\$1.40	\$1.40	\$1.65	\$1.65	\$1.95	\$2.25	\$2.55	\$2.80	\$3.10	\$3.40	\$3.70	\$4.00	\$4.25	5,300
4½	1.50	1.90	1.90	2.25	2.25	2.65	3.00	3.40	3.80	4.15	4.55	4.90	5.30	5.70	4,700
5	1.50	1.90	1.90	2.25	2.25	2.65	3.00	3.40	3.80	4.15	4.55	4.90	5.30	5.70	4,200
6	1.90	2.40	2.40	2.90	2.90	3.40	3.90	4.45	4.95	5.40	5.95	6.50	7.00	7.50	3,500
7	2.30	2.95	2.95	3.60	3.60	4.30	4.95	5.60	6.30	6.90	7.55	8.20	8.90	9.60	3,000
8	2.70	3.55	3.55	4.40	4.40	5.20	6.10	6.90	7.80	8.60	9.45	10.30	11.15	12.00	2,600
9	3.10	4.15	4.15	5.20	5.20	6.30	7.40	8.40	9.50	10.60	11.65	12.70	13.75	14.80	2,300
10	3.60	4.90	4.90	6.20	6.20	7.50	8.90	10.20	11.50	12.80	14.10	15.40	16.70	18.00	2,100
12	4.20	6.00	6.00	7.80	7.80	9.50	11.30	13.10	14.90	16.70	18.45	20.20	22.00	23.80	1,750
14	4.90	7.20	7.20	9.60	9.60	11.90	14.20	16.50	18.90	21.20	23.50	25.80	28.15	30.50	1,500
16	.....	.....	.....	.....	11.60	14.60	17.60	20.50	23.50	26.50	29.45	32.40	35.35	38.30	1,300
18	.....	.....	.....	.....	14.00	17.70	21.40	25.10	28.80	32.50	36.15	39.80	43.50	47.20	1,150
20	.....	.....	.....	.....	.....	21.40	25.90	30.50	35.00	39.60	44.15	48.70	53.35	58.00	1,050
22	.....	.....	.....	.....	.....	25.60	31.10	36.70	42.20	47.70	53.35	59.00	64.50	70.00	950
24	.....	.....	.....	.....	.....	30.60	37.30	44.00	51.00	59.00	65.00	71.00	78.00	85.00	850

EMERY WHEEL DRESSERS AND CUTTERS

HUNTINGTON

WARREN SAFETY



Each

Each

No. 90—12 inches Long, Best Malleable Iron Handle, Black Baked Enamel, Hardened Steel Bushings and Pins, with Two Sets of Cutters, Weight Each 1 Lb. \$0.90

One in a Box, with Two Set Cutter.

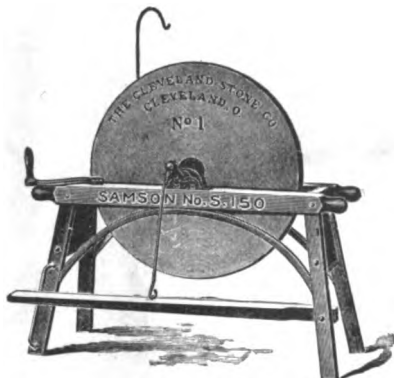
No. 120—12 inches Long, Best Malleable Iron Handle with Safety Hood, Vermilion Baked Enamel, Hardened Steel Bushings and Pins, with Two Sets of Cutters, Weight Each 1½ Lbs. \$1.50
The Safety Feature is the Hood Covering the Cutter.
One in a Box, with Two Set Cutter.

Extra Cutters—Best Crucible Tool Steel, Uniformly Tempered in Oil, Best Machined. Per 100 Set \$10.00

Twenty-five Sets in a Box.

MOUNTED GRINDSTONES

SAMSON, ROLLER BEARING



Painted Seasoned Hardwood Frame, Strongly Braced and Bolted, Berea or Lake Huron Stone. Complete with Treadle, Crank and Bucket Holder. Crank Will Tighten Any Nut on Frame.

Roller Bearing.

Nos.	S150	S155	S160
Weight Stone, Lbs...	100 to 110	70 to 80	40 to 50
Thickness Stone, In..	1 3/4 to 2 1/4	1 3/4 to 2 1/4	1 3/4 to 2 1/4
Shipping Weight, Lbs.	150	100	75
Each	\$7.50	6.90	6.30

Samson Frames Only, without Fixtures.

Nos.	150F	155F	160F
Each	\$4.90	4.90	4.90

Bushes Stones Only, for Samson Frame.

Nos.	150S	155S	160S
Each	\$3.70	3.30	3.10

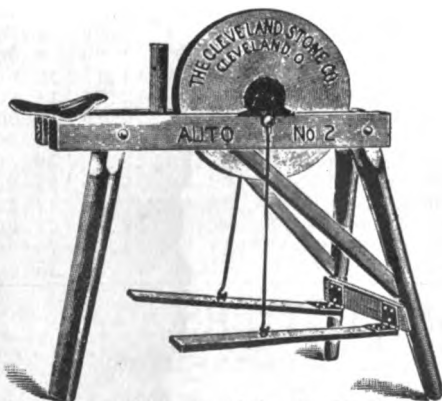
The legs are securely gained into the side pieces and the ends are in one piece. Two bolts at each end pass through the entire frame from side to side.

Shipped Knocked Down.

All our Mounted Grindstones are turned true to their own axis before mounting and each stone is tested before shipping on the shaft bearings and frame with which it is shipped, and will run true.

By the use of Patent Fixture the shaft can be removed leaving the Flanges fast to stone.

AUTO, BALL BEARING



Seasoned Hardwood Frame, Painted Red and Varnished, Selected Stone, Stamped Steel Seat, Ample Clothes Protector.

Fitted on Crank and Shaft with Encased Ball Bearings, Consisting of a Heavy Steel Ball Casing and a Cone or Sleeve, Turned Out of Solid Cold Rolled Steel Shafting, Balls Cannot Work Loose or Drop Out.

Nos.	A120	A130	A140
Weight Stone, Lbs...	100 to 110	70 to 80	40 to 50
Thickness Stone, In..	1 3/4 to 2 1/4	1 3/4 to 2 1/4	1 3/4 to 2 1/4
Wt. Complete, Lbs...	150	110	90
Each	\$8.60	8.00	7.40

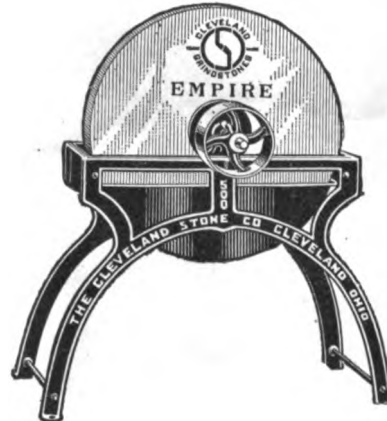
Shipped Knocked Down.

Bushes Stones Only for Auto Frame.

Nos.	1AS	2AS	3AS
Each	\$3.70	3.30	3.10

Note—Nos. 500, 600 and 800 Grindstones Shipped Direct from Factory Only.

EMPIRE POWER, BALL BEARING



Designed to be operated by a gasoline engine or other power. Inasmuch as the ball bearings are practically frictionless, the Empire can also be operated by hand with perfect satisfaction. The trough will not rust out.

Cast Iron Frame and Trough, Japanned. Hardened Steel Annular Ball Bearings.

Each

No. 500—24 inches Diameter, Genuine Berea Stone, 2 to 3 1/2 inches Thick, Ball Bearing Steel Shaft, Complete with 6 inch Pulley and Crank.....\$22.00
Weight Each Complete 225 Pounds.

HARVEST KING, ROLLER BEARING

A Power Grindstone for Farm Use. Frame Constructed of Heavy Angle Steel, 1 1/4 x 1 1/4 x 3/8 Inch, Strongly Braced, Finished Green and Black.

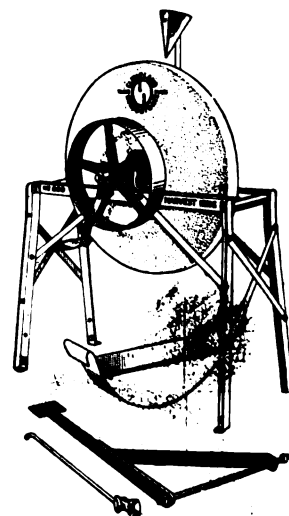
Each

No. 800—24x2 inch Diameter Cleveland Stone, 5/8 inch Shaft, 12x2 3/4 inch Pulley, Heavy Steel Roller Bearing, Hand Crank and Drip Cup, Weight 125 Lbs.\$12.50

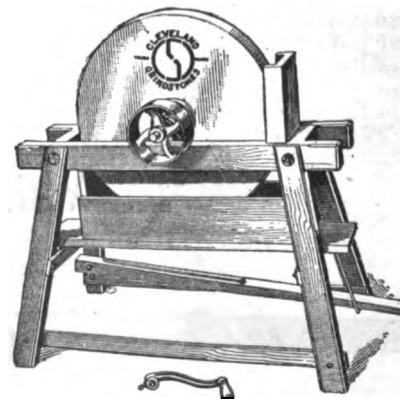
Extra Trough 1.60

Treadle, Pitman and Bearing 1.60

Complete—With All Above Equipment, Weight 140 Lbs. 15.00
Shipped Knocked Down.



FARMERS' SPECIAL POWER, BALL BEARING



Selected Hardwood Frame, Extra Heavy Legs and Sides, Oiled and Varnished.

Hardened Steel Annular Ball Bearings.

Each

No. 600—24 to 26 inches Diameter, Genuine Berea Stone, 2 to 3 inches Thick, Ball Bearing Steel Shaft, Complete with 6 inch Pulley, Foot Treadle and Crank\$16.50

A high grade wood frame power grindstone. Frame shipped knocked down, stone crated.

Weight Each Complete 175 Pounds.

MOUNTED GRINDSTONES

STERLING, BALL BEARING



Heavy Steel Tubing Frame, Malleable Iron Castings, Enameled a Rich Vermillion.

Each

- No. T100—19 to 22 inches Diameter Genuine Berea or Lake Huron Stone, 1 3/4 to 2 1/4 inches Thick, Weight 50 to 60 Lbs., with Large Comfortable Steel Seat, Clothes Protector and Drip Can, Weight Complete in Crate 100 Lbs. \$8.40
- No. T18—Bushed Stones Only 3.20
- No. T1F—Frames Only with Fixtures 4.50

The most substantial and lightest running grindstone made. Constructed of 1 1/2 and 1 3/4 inch diameter heavy steel tubing, braced securely with heavy material. All rods and bolts are threaded, has no cotter pins and loose parts. Is fitted with encased ball bearings on crank and shaft, consisting of a heavy steel ball casing and a cone or sleeve, turned out of solid cold rolled steel shafting. Balls cannot work loose or drop out. Shipped knocked down in a strong crate. The frame folds intact, the shaft and bearings remain in the frame.

One in a Crate, Knocked Down.

BI-TREADLE



Steel Frame, Braced and Riveted, Coated with Black Waterproof Paint.

Each

- No. B110U—Regular Bearing, 19 to 22 inches Diameter, Genuine Berea or Lake Huron Stone, 1 3/4 to 2 1/4 inches Thick, Weight 50 to 60 Lbs., with Steel Seat, Clothes Protector and Drip Can, Weight Each Complete in Crate 100 Lbs. \$6.90
- No. B110—Ball Bearing, Otherwise Same as No. B110U 7.40

The frame is firmly riveted together and braced in a manner to insure absolute rigidity.

One in a Crate, Knocked Down.

The power applied with the legs by means of duplex treadsles, is nearly double that obtained with a crank, enabling the operator to run the stone at much higher speed and perform much better work.

115, BALL BEARING

Angle Steel Frame, Painted Black, Detachable Malleable Iron Fixtures, Ball Bearing Journals and Pitman.

Each

- No. 115—18 to 20 inches Diameter Selected Stone, 1 3/4 to 2 inches Thick, Average Weight 50 Lbs., with Steel Seat, Clothes Protector and Drip Can, Weight Each Complete in Crate 90 Lbs. \$5.80

One in a Crate, Knocked Down.



No. 115.



LOOSE GRINDSTONES

LAKE HURON

Per Ton

- Under 40 Lbs. \$48.00
- 40 to 200 Lbs. 46.00
- Over 200 Lbs. 54.00

200 Lbs. and Over Shipped from Factory Only.

STANDARD WEIGHT OF HURON GRINDSTONES

Diam., Inches	Pounds	Diam., Inches	Pounds	Diam., Inches	Pounds	Diam., Inches	Pounds
24	49.32	40	112.00	56	219.52	72	362.88
26	47.32	42	123.48	58	235.48	74	383.32
28	54.88	44	135.52	60	252.00	76	404.32
30	63.00	46	148.12	62	269.08	78	425.88
32	71.68	48	161.28	64	286.72	80	459.27
34	80.92	50	175.00	66	304.92	84	493.92
36	90.72	52	189.28	68	323.68	90	567.00
38	100.08	54	204.12	70	343.00	95	631.75

The Weights in the above Table are for Grindstones 1 inch in thickness. To find the Weight of a Grindstone, multiply the Weight given in the Table, by the thickness in inches.

Huron Stone will stand a high average rate of speed, but 4,000 feet per minute should be the outside limit for them.

FAMILY GRINDSTONES



BALL BEARING

Specially Selected Berea Grindstone, Turned and Rubbed Smooth.

Red Japanned Heavy Cast Iron Trough, Black Japanned Pressed Steel Base, Patent Hub, Steel Shaft and Ball Bearings.

Diameter, Inches	6	7	8	9
Weight Per Dozen, Lbs.	125	140	150	270
Per Dozen	\$18.50	20.00	21.50	24.00

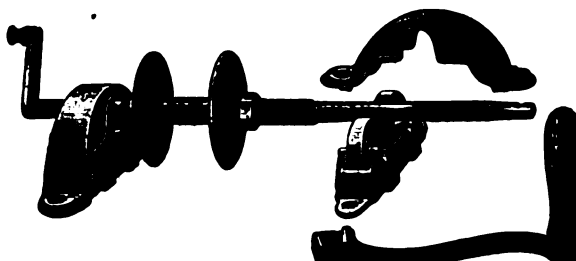
One-quarter Dozen in a Box, Knocked Down.

STONES ONLY

Diameter, Inches	6	7	8	9
Per Dozen	\$9.50	10.00	10.50	11.50

GRINDSTONE FIXTURES

REGULAR



Regular Fixtures, Complete, Japanned Cast Iron, Double Wheel, Anti-Friction Covered Bearings, Two Iron Washers and Adjustable Nut.

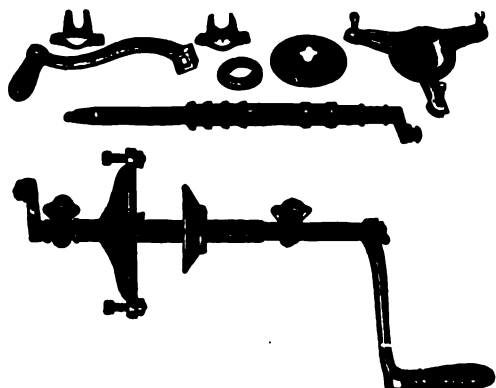
Nos.	15	17	19	21	24	Extra Heavy 240
Length Shaft, Inches.	15	17	19	21	24	24
Weight Per Dozen, Lbs.	90	100	100	116	118	125
Per Dozen	\$6.50	7.00	8.00	10.00	12.00	20.00

One-half Dozen in a Box.

EXTRAS FOR REGULAR FIXTURES

Shafts with Nut, for 15 inch Fixtures.	Per Dozen \$3.00	Handles for 21 to 24 inch.	Per Dozen \$1.80
Shafts with Nut, for 17 and 19 inch Fixtures.	3.50	Flanges, for 15 and 17 inch Shafts. ....	.85
Shafts with Nut, for 21 and 24 inch Fixtures.	4.00	Flanges, for 19 and 24 inch Shafts.	1.00
Handles for 15 to 19 inch.	1.50	Nuts for All Sizes.	1.00

GIANT



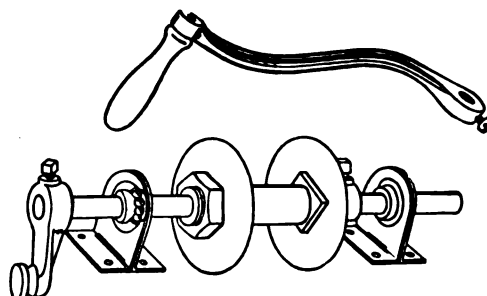
Japanned, Fits All Size Stones.

No.	10
Length Shaft, Inches.	16
Weight Per Dozen, Lbs.	108
Per Dozen	\$12.00
Extra Shafts	Per Dozen \$3.00
Extra Cranks	2.00

Will hang a Stone true and fast, by mode of set screws, no locking, wedging or cementing is necessary.

One-half Dozen in a Case.

WILCOX BALL BEARING



Adjustable, Japanned.

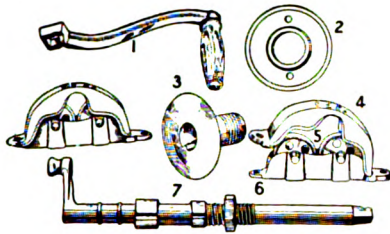
No.	01
Length Shaft, Inches.	12
Weight Per Dozen, Lbs.	84
Per Dozen	\$15.00

Made in one size only, guaranteed to support stones 18 to 30 inches diameter, and 2 to 3 inches thick; journals are adjustable on axles, and can be attached to any ordinary frame.

One Dozen in a Case.

GRINDSTONE FIXTURES

SAMSON, ROLLER BEARING

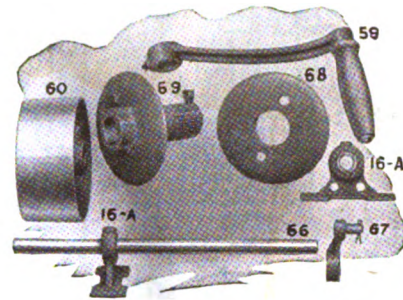


Detachable.

Cast Iron, Japanned, All Parts Interchangeable.

Complete Set	Per Dozen Sets,	\$10.00
No. 7—Shaft with Nut, Weight 41 Oz.	Each,	.25
Hubs Complete, Weight 21 Oz.	Per Set,	.20
No. 2—Flanges, Weight 10 Oz.	Each,	.05
No. 3—Flange Nipples, Weight 15 Oz.	Each,	.15
No. 8—Nuts for Shaft, Weight 4 Oz.	Each,	.05
Bearings Complete, Weight 56 Oz.	Each,	.30
No. 1—Crank, Weight 10 Oz.	Each,	.10
No. 4—Caps, Weight 12 Oz.	Each,	.05
No. 6—Chairs, Weight 10 Oz.	Each,	.05
No. 5—Rollers, Weight 5 Oz.	Each,	.03

FARMERS' SPECIAL, BALL BEARING

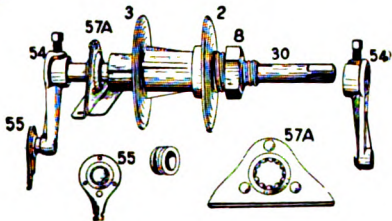


Detachable.

Cast Iron, Japanned, All Parts Interchangeable.

Complete Set, Less Pulley	Per Set,	\$3.00
No. 66H—Shaft, Weight 1 Lb. 14 Oz.	Each,	.75
No. 8H—Nut for Shaft, Weight 1 Lb.	Each,	.10
No. 16—Bearing with Balls, Weight 13 Oz.	Each,	.25
No. 67—Treadle Crank, Weight 9 Oz.	Each,	.10
No. 59—Hand Crank, Weight 15 Oz.	Each,	.20
No. 2H—Flanges, Weight 8 Oz.	Each,	.10
No. 3H—Flange Nipple, Weight 3 Lbs. 14 Oz.	Each,	.30
Hubs, Weight 6 Lbs. 6 Oz.	Each,	.40
No. 9H—Split Bushing Complete, Wt. 1 Lb. 8 Oz.	Each,	.20
No. 60—Pulley, 6 inch, Weight 6 Lbs. 7 Oz.	Each,	1.50

AUTO, BALL BEARING

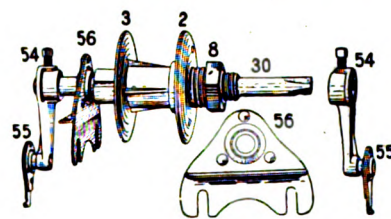


Detachable.

Malleable Iron, Japanned, All Parts Interchangeable.

Complete Set	Per Dozen Sets,	\$12.00
No. 30—Shaft and No. 8 Nut, Weight 29 Oz.	Each,	.30
Hubs Complete, Weight 25 Oz.	Each,	.30
No. 2—Flanges, Weight 10 Oz.	Each,	.05
No. 3—Flange Nipples, Weight 15 Oz.	Each,	.15
No. 8—Nuts for Shaft, Weight 4 Oz.	Each,	.05
No. 54—Crank and Set Screw, Weight 8 Oz.	Each,	.10
No. 57A—Shaft Bearing with Balls, Wt. 5 Oz.	Each,	.15
No. 55—Pitman Bearings with Balls, Wt. 2 Oz.	Each,	.10

STERLING, BALL BEARING

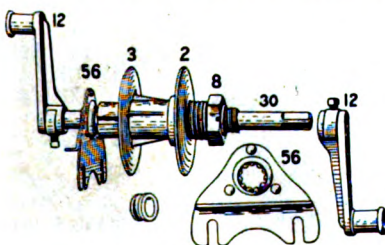


Detachable.

Malleable Iron, Japanned, All Parts Interchangeable.

Complete Set	Per Dozen Sets,	\$11.00
No. 30—Shaft with Nut, Weight 24 Oz.	Each,	.30
No. 8—Nut for Shaft, Weight 4 Oz.	Each,	.05
Hub Complete, Weight 24 Oz.	Each,	.20
No. 2—Flange, Weight 10 Oz.	Each,	.05
No. 3—Flange Nipple, Weight 15 Oz.	Each,	.15
No. 54—Crank and Set Screw, Weight 6 Oz.	Each,	.10
No. 55—Pitman Bearings, Weight 2 Oz.	Each,	.10
No. 56—Shaft Bearing, Weight 5 Oz.	Each,	.15

BI-TREADLE, BALL BEARING

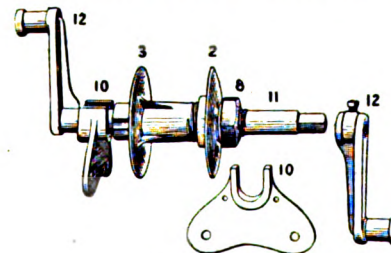


Detachable.

Malleable Iron, Japanned, All Parts Interchangeable.

Complete Set	Per Dozen Sets,	\$11.00
No. 30—Shaft and Nut, Weight 29 Oz.	Each,	.30
Hubs Complete, Weight 25 Oz.	Each,	.20
No. 2—Flanges, Weight 10 Oz.	Each,	.05
No. 3—Flange Nipples, Weight 15 Oz.	Each,	.15
No. 8—Nuts for Shaft, Weight 4 Oz.	Each,	.05
No. 12—Crank with Set Screw, Weight 11 Oz.	Each,	.10
No. 56—Bearings with Balls, Weight 5 Lbs.	Each,	.15

BI-TREADLE, U BEARING



Detachable.

Malleable Iron, Japanned, All Parts Interchangeable.

Complete Set	Per Dozen Sets,	\$9.00
No. 11—Shaft and Nut, Weight 39 Oz.	Each,	.25
Hubs Complete, Weight 25 Oz.	Each,	.20
No. 2—Flanges, Weight 10 Oz.	Each,	.05
No. 3—Flange Nipples, Weight 15 Oz.	Each,	.15
No. 8—Nuts for Shaft, Weight 4 Oz.	Each,	.05
No. 12—Crank with Set Screw, Weight 11 Oz.	Each,	.10
No. 10—Bearings Complete, Weight 18 Oz.	Each,	.15

TOOL GRINDERS

DIMO-GRIT

MECHANIC'S SPECIAL TYPE

MECHANIC'S SPECIAL TYPE



No. 14.



No. 15.



No. 16.

Black Enameled Dust Proof and One Piece Gear Case, Cut Steel Gears, Light "Dimo-Grit" Grinding Wheel, Medium Grit. Each

No. 14—4x1 inch Grinding Wheel, with Combination Adjustable Tool Rest and Scissor Guide, Weight Each Boxed 6 ½ Lbs. \$3.70

No. 15—5x1 inch Grinding Wheel, with Combination Adjustable Tool Rest and Scissor Guide, Weight Each Boxed 9 Lbs. 5.00

No. 16—6x1 inch Grinding Wheel, with Combination Adjustable Tool Rest and Chisel Guide, Weight Each Boxed 14 Lbs. 7.30

These Grinders are built to stand wear and hard usage. One in a Box.

BEST MAIDE
Ball Bearing.



Cuts Showing Horizontal and Upright Positions of Nos. 51 and 53 Grinders.

Black Enameled Gear Case, Cut Steel Worm Gear, Oil Bath, Tilting Frame, Extra Large Bearings, Dark "Dimo-Grit" Grinding Wheel with Medium Grit Body and Extra Fine Face. Each

No. 51—5x1 ½ inch Double Grit Grinding Wheel, with Combination Adjustable Tool Rest and Chisel Guide, without Extra Attachments, Weight Each Boxed 12 Lbs. \$7.00

No. 53—Same as No. 51, but Equipped with Patented Chisel and Plane Bit Guide, and No. 523A Twist Drill Sharpening Attachment as Illustrated Above, Weight Each Boxed 13 ½ Lbs. 7.50

These Machines can be tilted so that the grinding wheel will run at any angle and in any plane.

One in a Box.

BEST MAIDE

Ball Bearing.

Black Enameled Gear Case.
Cut Steel Worm Gear.
Oil Bath.
Tilting Frame.
Improved Swiveling Device.

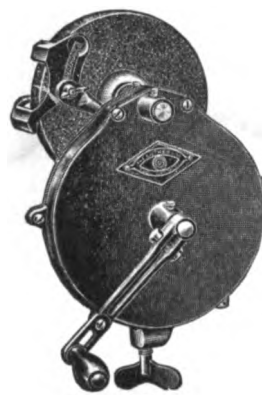
Dark "Dimo-Grit" Grinding Wheel with Medium Grit Body and Extra Fine Face.



Upright Position. Horizontal Position. Each
No. 51—4x1 ½ inch Double Grit Grinding Wheel, with Adjustable Tool Rest, Weight Each Boxed 9 Lbs. \$5.70
The improved swiveling device allows the grinder to be swiveled to any angle.

One in a Box.

Note—For Foot Power Attachment See Page 240.



No. 17.



Patent Chisel and Plane Bit Guide.

Black Enameled Dust Proof and One Piece Gear Case, Nickel Plated Trimmings, Spiral Cut Gears, Light "Dimo-Grit" Grinding Wheel, Medium Grit. Each

No. 17—7x1 ¼ inch Grinding Wheel, Combination Adjustable Tool Rest and Chisel Guide, Complete with Twist Drill Sharpening Attachment and Chisel and Plane Bit Guide, Weight Each Boxed 24 ½ Lbs. \$9.90



No. 523A Twist Drill Sharpening Attachment.

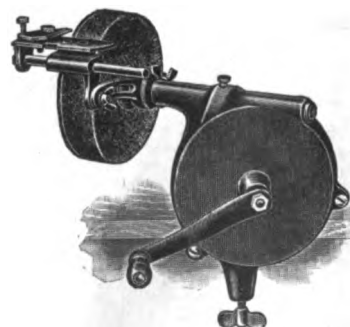


Patented Chisel and Plane Bit Guide.

BEST MAIDE

Ball Bearing.

Black Enameled Gear Case.
Cut Steel Worm Gear.
Oil Bath.
Tilting Frame.
Extra Large Bearings.
Perfect Swivel Device.
Dark "Dimo-Grit" Grinding Wheel with Medium Grit Body and Fine Grit Side for Finishing.

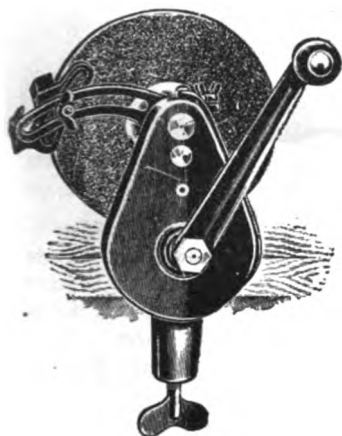


No. 56—6x1 ½ inch Double Grit Grinding Wheel, with Chisel and Plane Bit Guide, Weight Each Boxed 18 Lbs. \$9.50

Similar in construction to No. 51, excepting that the grinding wheel shaft does not run parallel with the main gear wheel, but is set off at an angle of about 30 degrees so that any tool, no matter of what shape, can be sharpened without danger of it coming in contact with the handle.

One in a Box.

TOOL GRINDERS

DIMO-GRIT MULTIGEAR
HIGH SPEED

Every turn of the driving handle on this machine causes 30 revolutions of the grinding wheel, giving a speed as great as a power driven machine.

Its mechanism consists of three gears and three pinions, all cut from solid steel blanks and having long bearings at both ends of the arbors.

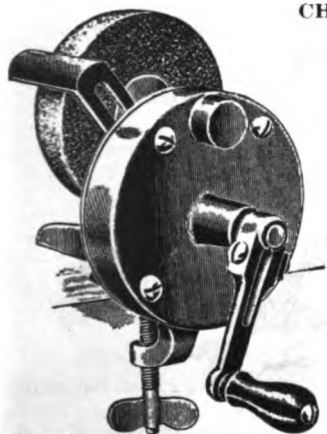
The entire frame is in one piece.

Black Enameled One-Piece Frame, Enclosed Dustproof Bearings. Each

No. 104—4x1 inch Light "Dimo-Grit" Grinding Wheel, Medium Grit, Complete with Adjustable Tool Rest, which Can be Used for Either Right or Left Hand Sharpening, Will Give an Accurate Bevel to Chisels and Plane Bits, Has a Special Scissors Guide, Weight Each Boxed 7 Lbs. \$7.00
Note—For Foot Power Attachment, See Page 240.
One in a Box.

TOOL GRINDERS

CHALLENGE



The frame is made in two separate halves, with one bearing in each half.

Easy running cut gears, fully enclosed and dust proof.

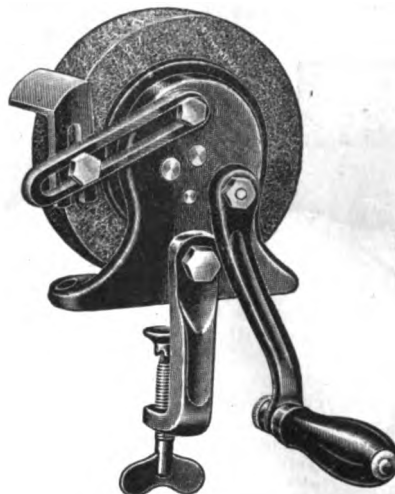
Will be found very satisfactory, and, with careful use, will give long service.

Black Enameled Gear Case, Adjustable Tool Rest, Dark "Dimo-Grit" Grinding Wheel.

Nos.	4C	95C	96C
Wheels, Inches	4x1	5x1	6x1
Weight Each Boxed, Lbs.	5 1/4	6	12
Each	\$2.60	3.50	5.50

One in a Box.

DIMO-GRIT COMPACTO



Quickly Taken Apart for Packing.

Compactness and high efficiency are the special features of this Grinder. The gears and driving mechanism are contained within the wheel, so that it can be packed into a box scarcely larger than the grinding wheel itself. This is just the machine that carpenters and plumbers have long needed for their tool chests.

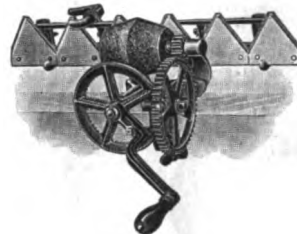
A series of three gears and three pinions, cut from solid steel blanks, gives a high speed to the grinding wheel.

Black Enameled Frame, Enclosed and Dustproof Gearing. Each

No. 35—5 1/2 x 1 3/8 inch "Dimo-Grit" Grinding Wheel, Medium Grit, Complete with Adjustable Rest, Put Up in a Neat Box Scarcely Larger than the Grinding Wheel Itself, Weight Each Boxed 9 Lbs. \$7.90
One in a Box.

SICKLE GRINDERS

LUTHER



No. 82C—Carborundum Sickle Grinding Wheel, Complete with Sickle-Holding Attachment, Weight Each Boxed 16 Lbs. \$4.00

The driving mechanism consists of a bevel gear and two spur gears, which give a simple transmission of power. The bearings are long, large in diameter and insure durability and ease of running. A long handle affords a big leverage.

The sickle holding attachment will take a mower or binder knife of any make.

The sickle grinding wheel will give to any sickle the same bevel the sections had when new.

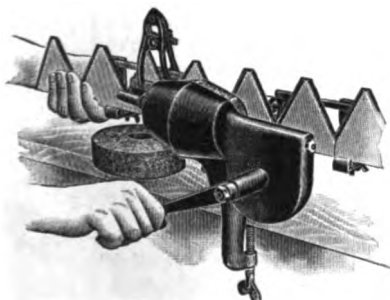
One in a Box.

TOOL AND SICKLE GRINDERS

BEST MAIDE

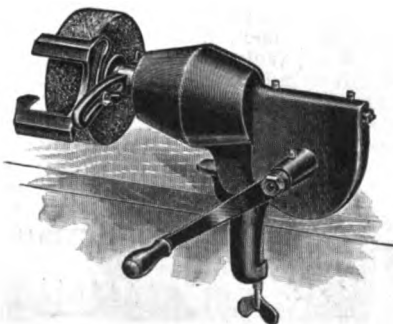
Ball Bearing.

These Grinders can be tilted so that the tool grinding wheel will run at any angle and in any plane. This means that either side of the grinding wheel can be utilized in sharpening. The body of the wheel is medium grit for general sharpening and for quickly grinding down a tool. The finishing is done on the side face of the wheel, which is of very fine grit.



As a Sickle Grinder.

Black Enameled Gear Case, Worm Shaft, Cut Steel Gears, Large Wearing Surface, Enclosed and Dust Proof Parts, Universal Swiveling Device.



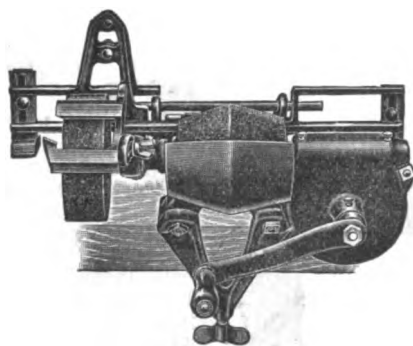
As a Tool Grinder.

No. 255—5x1 1/4 inch Double Faced Dark "Dimo-Grit" Tool Grinding Wheel with Medium Body and Extra Fine Face, Dark "Dimo-Grit" Sickle Sharpening Wheel, Sickle Holder and Special Adjustable Tool and Chisel Guide, Weight Each Boxed 18 Lbs. \$8.50

Note—For Foot Power Attachment, See Page 240.
One in a Box.

TOOL AND SICKLE GRINDERS

BEST MAIDE



A very practical tool and sickle grinder that can be used the whole year around.

The sickle holder is adjustable to hold firmly any make of bar.

Two half sections may be ground at the same time or one, just as the operator chooses.

The grinding is at all times under full control of the operator, and it takes only one person to use the machine successfully.

Can be clamped to any mower wheel or bench.

During the moving season the tool wheel is removed.

Black Enameled Gear Case, Worm Shaft, Automatically Cut Steel Gears, Large Wearing Surface, Enclosed and Dustproof Parts.

No. 264—4 1/4 x 1 3/8 inch Medium Grit Light "Dimo-Grit" Tool Wheel, Light "Dimo-Grit" Sickle Sharpening Wheel, Combination Adjustable Tool Rest and Sickle Holder, Weight Each Boxed 16 1/2 Lbs. \$7.50
One in a Box.

FOOT POWER ATTACHMENTS

FOR HAND GRINDERS

Black Baked Enamel.

Each

No. 128—Fits Nos. 15, 16, 04, 56
and 255 Grinders. \$2.00

No. 128 1/2—Fits No. 35 Grinder. 2.00

No. 129 —Fits No. 17 Grinder. 2.00

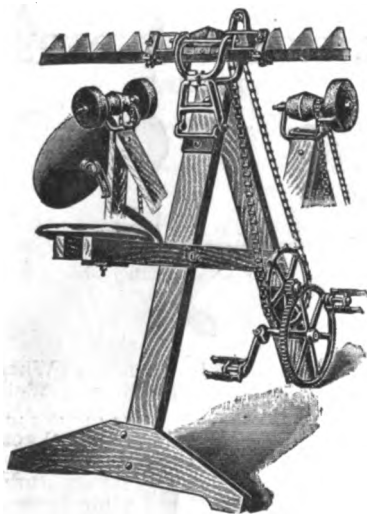
With one of these foot power attachments it enables you to have both hands free for sharpening and much better work can be done on nearly all tools when both hands can be used. They screw to the floor while the grinder remains on the bench.



Above illustration shows Foot Power Attachment attached to Grinder.

TOOL AND SICKLE GRINDERS

DIMO-GRIT FARM SPECIAL



Heavy Selected Maple Frame, Strongly Braced, Heavy Gears, Adjustable Steel Seat.

Each

No. 63—Complete with One Each 5x1 3/8 inch Medium and Coarse Grit Light "Dimo-Grit" Tool Grinding Wheels, One 3 1/2 x 3 1/2 inch Light "Dimo-Grit" Double Beveled Sickle Grinding Wheel, One Polishing Wheel, Sickle Holder, Disc Holder and Tool Rest, Weight Each Boxed 51 Lbs. \$13.00

All Grinding wheels run on the same shaft, which will carry three at one time, allowing any tool to be sharpened on the wheel best adapted to it without having to remove the others, sickles excepted. This disc holder will take easily any disc between 14 and 28 inches in diameter.

EXTRA ATTACHMENTS FOR HUMMER TOOL GRINDER

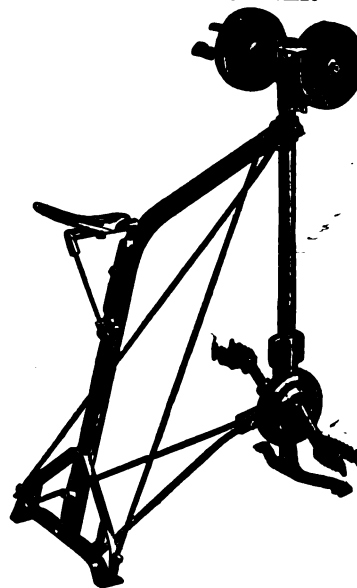
SICKLE SHARPENING ATTACHMENT



Each

No. 16A—Convenient Rest on which to Hold a Sickle while Grinding, One End is Held in the Rest and the End which You Wish to Grind is Held on One of the Regular Tool Rests, the Grinding is Done on the Side Face of Either of the Wheels, the Rest is Adjustable to Any Angle and Can be Used on Either Side, Weight Each 2 Lbs. \$0.60

DIMO-GRIT HUMMER



Channel Iron Frame, Steel Tubing Standard, All Metal Parts, Adjustable Seat.

Steel Shaft Drive, Enclosed Dustproof Bearings, Bevel Gears, Head can be Swiveled to Any Angle.

Each

No. 271—Complete with One Each 6x1 3/8 inch Medium and Coarse Grit Light "Dimo-Grit" Tool Grinding Wheels, Universally Adjustable Tool Rest and Chisel and Plane Bit Guide, Weight Each Boxed 62 Lbs. \$20.00

Both grinding wheels run on the same shaft, allowing any tool to be sharpened on the wheel best adapted to it without having to remove the other.

SICKLE AND DISC SHARPENING ATTACHMENT

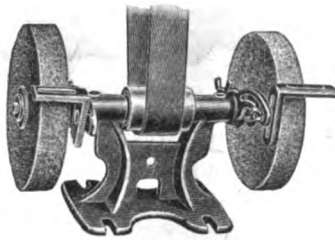
Each



No. 17A—Consists of the Sickle Attachment No. 16A and a Disc Attachment which will Hold Any Disc from 14 up to 28 inches in Diameter, Any Bevel can be Given to the Disc and the Work can be Done Automatically or at the Will of the Operator, Boxed 6 Lbs. \$1.20

POWER BENCH GRINDERS

DIMO-GRIT

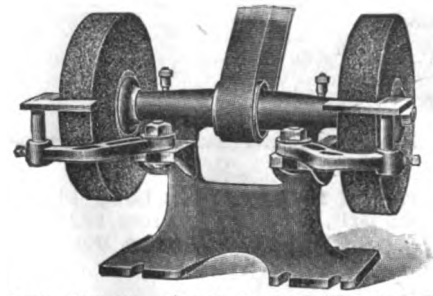


Iron Frame, Black Baked Enameled.

Each

No. 306—Complete with One Each 6x1 inch Medium and Fine Grit Light "Dimo-Grit" Grinding Wheels, Two Adjustable Tool Rests and One Pulley, Weight Each Boxed 14 Lbs. \$8.00

One in a Box.



Iron Frame, Black Baked Enameled.

Each

No. 309—Complete with One Each 7x1 1/4 inch Medium and Coarse Grit Light "Dimo-Grit" Grinding Wheels, Spring Oil Cups, Two Adjustable Tool Rests and One Pulley, Weight Each Boxed 32 Lbs. \$13.50

One in a Box.

Iron Frame, Black Baked Enameled.

Long, Wide, Steel-On-Gray-Iron Bearings, Dust Protected and Adjustable for Taking Up Wear, Spring Oil Cups, Overhanging Flanges.

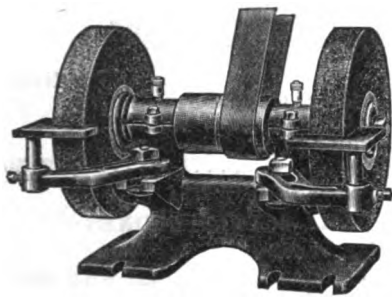
Each

No. 310—Complete with One Each 7x1 1/4 inch Medium and Coarse Grit Light "Dimo-Grit" Grinding Wheels, Two Universally Adjustable Tool Rests and Two 2 1/2 x 2 1/2 inch Pulleys, Weight Each Boxed 34 Lbs. \$15.00

This strong, heavy power grinder is constructed according to the best mechanical principles.

It can be bolted to any bench and its heavy design makes it the ideal grinder for use with power of any sort.

An idler pulley allows the belt to continue running, even though the grinder itself is not being used.



No. 310.

The power can come from beneath, from the side, or from above with equal efficiency.

The tool rests are adjustable in and out or up and down, giving great assistance in sharpening any tool.

The pulleys should make about 2,000 revolutions per m'nute.

One in a Box.

Iron Frame, Black Baked Enameled.

No. 305C—Complete with 5x1 3/4 inch Dark "Dimo-Grit" Grinding Wheel and Adjustable Tool Rest, Weight Each Boxed 13 Lbs. \$4.90

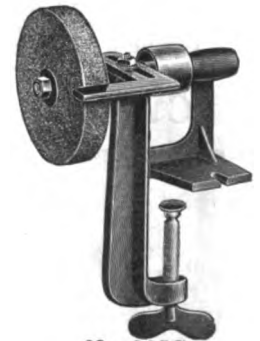
Each

The feature of this power grinder is that it is furnished with an extra large heavy clamp, so that it is easily moved from place to place.

It is especially desirable for use with an ensilage cutter, for the grinder can be attached to any convenient cross piece of the machine or even to the drive wheel of a threshing machine engine and the same power sharpens the knives that is used to drive the machine.

It is also highly desirable wherever there is any light tool grinding to be done on any sort of power available.

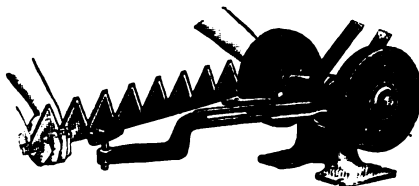
One in a Box.



No. 305C.

EXTRA ATTACHMENTS FOR Nos. 309 and 310 POWER BENCH GRINDERS

SICKLE ATTACHMENT



Cut Showing Sickle Attachment Attached to Grinder.

No. 945A—For Nos. 309 and 310 Power Bench Grinders, Weight Each Boxed 4 Lbs. \$1.10

Each

One end of sickle rests on the attachment and the other on the tool rest support used on either side of the grinder and on either side of wheel.

Will hold any size or kind of binder or mower knife.

COMBINED SICKLE AND DISC SHARPENING ATTACHMENT

No. 925AC—Consists of Sickle Attachment No. 945A and a Holder for Sharpening Any Size of Plow Coulter or Disc, the Disc can be Held Rigidly in Any Position Desired, the Work is Under Full Control of the Operator and the Attachment is Especially Good where You Desire to Grind Nicks Out of Large Discs, Weight Each Boxed 6 Lbs. \$2.50

Each

SCYTHE STONES

WESTERN RED END



- Per Gross
No. 2—Western Red End, 10 inches Long, Flat Beveled
Edge, Sharp Grit, Weight Per Gross 102 Lbs.\$7.50
One-quarter Gross in a Box.

STAR



- Per Gross
No. 8—Star, Round Oval, 10 inches Long, Huron Grit,
Weight Per Gross 115 Lbs.\$10.50
One-quarter Gross in a Box.

INDIAN POND



- Per Gross
No. 1—Indian Pond, Round Oval, 10 inches Long,
Hard, Very Sharp Grit, Weight Per Gross 108 Lbs.\$10.50
One-quarter Gross in a Box.

LAMOILLE



- Per Gross
No. 8—Genuine Lamolille, Round Oval, 10 inches Long,
Extra Quality Vermont Grit, a Sharp Gritted Stone
Giving a Fine Edge, Weight Per Gross 124 Lbs.\$14.00
One-quarter Gross in a Box.

SCYTHE STONE ASSORTMENTS



- Per Assortment
No. A Assortment—Consists of
80 Assorted Scythe Stones
of Assorted Grits, Coarse,
Fast and Fine Cutting,
Put up in a 12 1/4 x 11 1/2 x
10 1/2 inch Nicely Finished
Wood Display Case,
Weight Per Case 73 Lbs.\$10.00

CONTENTS OF No. A ASSORTMENT:

	Retail, Each
18 Green Mountain Scythe Stones.....	\$0.05
12 Indian Pond No. 1 Scythe Stones.....	.10
12 Quick Cut Scythe Stones.....	.10
6 Mowing Machine Scythe Stones.....	.10
12 White Mountain Scythe Stones.....	.15
12 Black Diamond Scythe Stones.....	.15
8 India Scythe Stones.....	.15

CONTENTS OF No. D ASSORTMENT:

	Retail, Each
9 White Mountain Scythe Stones.....	\$0.15
9 Quick Cut Scythe Stones.....	.10
	Retail, Each
9 Leader Scythe Stones.....	\$0.05
9 Crescent Scythe Stones.....	.10

BLACK DIAMOND



- Per Gross
No. 7—Black Diamond, Flat Octagon, 10 inches Long,
Vermont Grit, Very Sharp and Fast Cutting,
Weight Per Gross 115 Lbs.\$16.00
One-quarter Gross in a Box.

VIENNA



- Per Dozen
No. 9—Imported Vienna Emery, Cigar Shaped, 9 1/2
inches Long, for Scythe or Hone Use, Weight Per
Gross 210 Lbs.\$1.30
One Dozen in a Box.

QUICK CUT

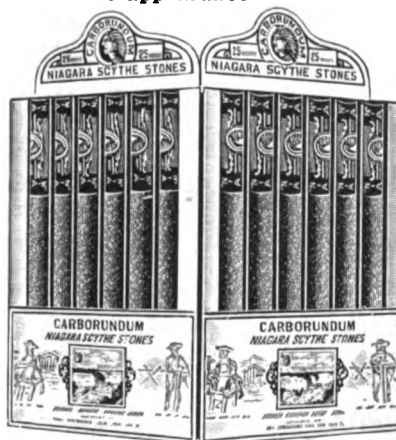


- Per Gross
No. 10—Quick Cut, 10 inches Long, Oval Shape, Emery,
Terra Cotta Color, Fast Cutting Grit, with Steel
Rod Running Through Center to Prevent Breaking,
Weight Per Gross 96 Lbs.\$12.50
One-quarter Gross in a Box.

CARBORUNDUM NIAGARA SCYTHE STONES

In Display Carton.

Display Carton is made of cardboard, reinforced with wood
and covered with a buff paper. It is hinged at the center, and
when folded back for display is rigid and makes an exceedingly
attractive appearance.



- Per Carton of 1 Dozen
No. 100—10 inch Car-
borundum Niagara
Scythe Stones, 1
Dozen in Display
Carton\$2.40
No. 191—12 inch Car-
borundum Niagara
Scythe Stones, 1
Dozen in Display
Carton\$3.00
No. 192—10 inch
Heavy Carborundum
Niagara Scythe
Stones, 1 Dozen in
Display Carton..\$3.00
Average Weight Per Car-
ton 6 to 11 Pounds.

SCYTHE STONE ASSORTMENTS



- Per Assortment
No. C Assortment—Consists of
36 Assorted Salable Scythe
Stones of Assorted Grits,
Put up in a 12 1/2 x 7 1/4 x 7
inch Neatly Finished Wood
Display Case, Weight Per
Case 25 Lbs.\$4.00

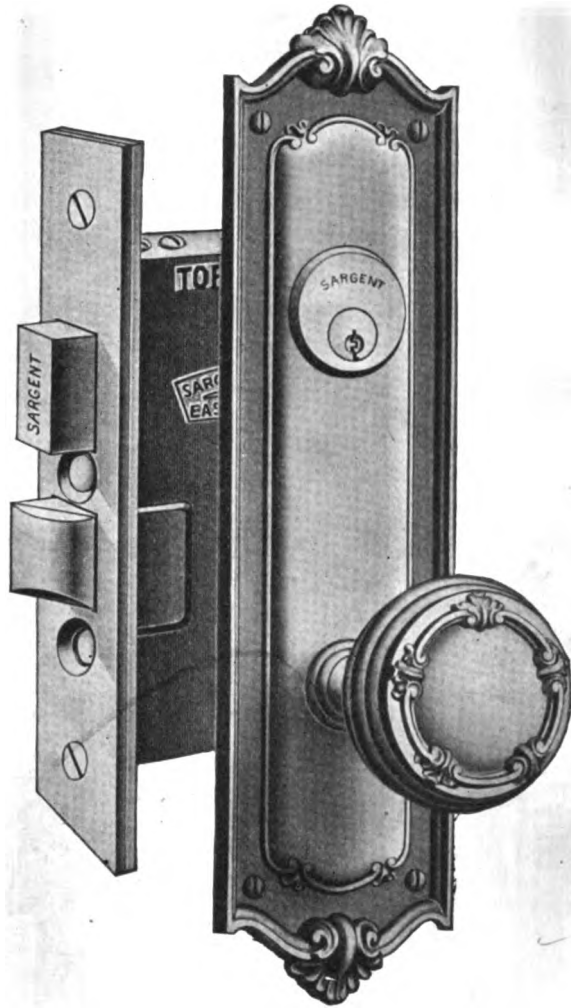
CONTENTS OF C ASSORTMENT:

	Retail, Each
9 Indian Pond Scythe Stones.....	\$0.10
9 Lectro Scythe Stones.....	.15
9 Black Diamond Scythe Stones.....	.15
9 Green Mountain Scythe Stones.....	.05

- Per Assortment
No. D Assortment—Consists of 36 Assorted Salable
Scythe Stones of Assorted Grits, Put up in a 12 1/2 x
1 1/4 x 7 inch Neatly Finished Wood Display Case,
Weight Per Case 25 Lbs.\$3.60

DEPARTMENT NO. 2

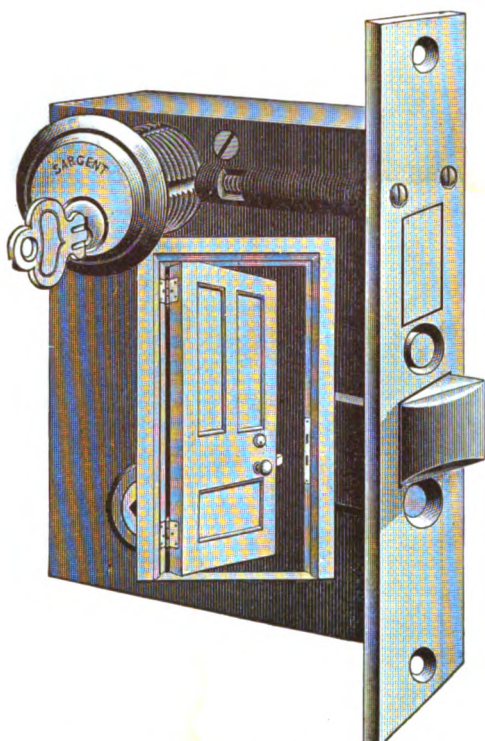
BUILDERS' HARDWARE



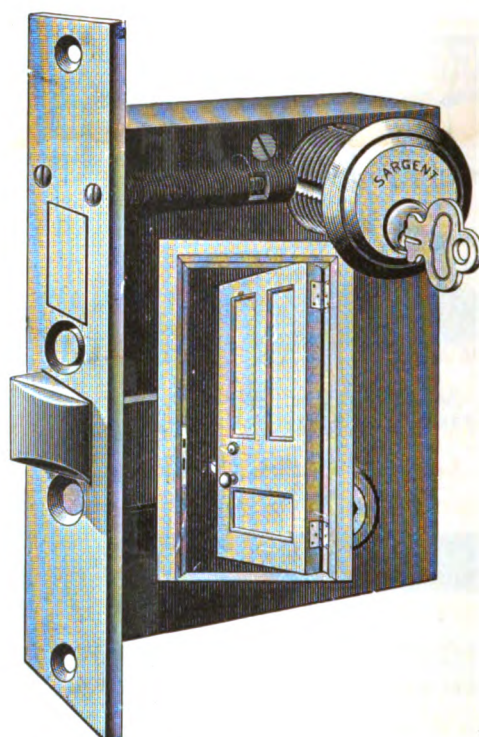
EMBRACING A COMPLETE LINE OF LOCKS AND TRIMMINGS,
AS WELL AS SUCH OTHER SHELF HARDWARE AS IS USED IN
THE CONSTRUCTION AND COMPLETION OF BUILDINGS
NAILS, TACKS AND SCREWS

Wm. Frankfurth Hardware Co.
MILWAUKEE

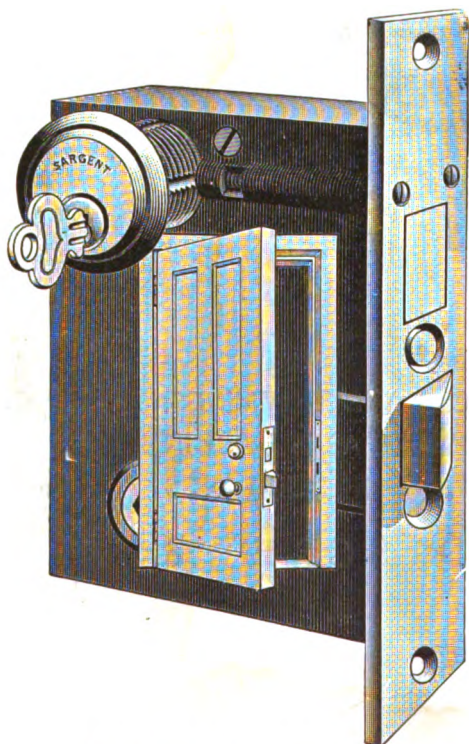
HAND OF LOCKS



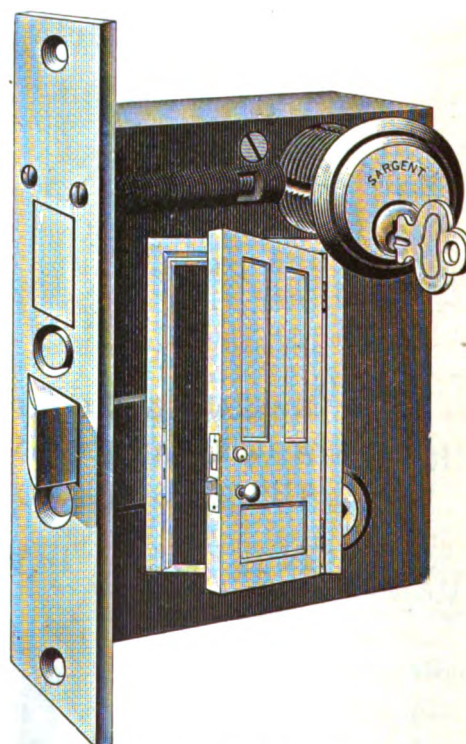
Left Hand Lock on a Left Hand Door.



Right Hand Lock on a Right Hand Door.



Left Hand Reverse Bevel Lock.
On a Door Opening Out—For Front and Corridor Doors.



Right Hand Reverse Bevel Lock.
On a Door Opening Out—For Front and Corridor Doors.

When **Reversible** Locks are not used, always specify the hand of the Lock wanted—not the hand of the Door; Beveled Front Locks and Rabbeted Locks are never Reversible.

DESCRIPTION OF FINISHES

ON IRON AND STEEL GOODS MADE BY SARGENT & CO.

The standard finish ornamental iron and steel is **Berlin Bronzed** and is listed without prefixed letter; other finishes are designated by prefixed letters as below:

Prefix Letter.

- T**—Tuscan Bronzed, Surface Unpolished (T Finish).
- K**—Tokio Bronzed, Bronze Plated, Polished Raised Surface, Black Background (Termed as Bronze Plated, K Finish).
(Sometimes called No. 3 Finish). By some manufacturers called Geneva.
- YT**—Bronze Plated, Bright Finish, Unpolished (YT Finish).
- DA**—Antique Copper, Finish, Unpolished (DA Finish).
- AB**—Antique Copper, Highly Polished (AB Finish).
- DR**—Antique Copper, Sand Finish, Unpolished (Sanded, DR Finish).
- RB**—Antique Copper, Sand Finish, Mottled (Sanded, RB Finish).
- OT**—Old Brass (Dull Brass Finish), Light, Unpolished (OT Finish).
- OB**—Old Brass (Dull Brass Finish), Light, Polished (OB Finish).
- OE**—Old Brass Finish, Depressed Surface, Oxidized and Relieved (OE Finish).
- RD**—Antique Brass, Sand Finish, Light (Sanded, RD Finish).
- R7D**—Antique Brass, Sand Finish, Light, High Parts Buffed (R7D Finish).
- NT**—Nickel Plated, Bright Finish, Unpolished (NT Finish).
- N**—Nickel Plated, Highly Polished (N Finish).
- J**—Ivory Black Finish.
- BNT**—Blue Black, Electro Plated, Unpolished (BNT Finish).
- BC**—Rustless Iron Finish, Unpolished (BC Finish).
- BB**—Bower-Barff, "Rustless Iron," Sand Finish (BB Finish).

ON BRONZE METAL AND BRASS MADE BY SARGENT & CO.

No Prefix Letter on Plain Bronze, **Natural Color, Highly Polished**, Designated by the terminal letter P (Natural Bronze, No. 1 Finish).

No Prefix Letter on Design Goods in Bronze, **Natural Color, Highly Polished**, Designated by the Terminal Letters indicating the design wanted (Natural Bronze No. 1 Finish).

Other Finishes are designated by prefixed letters as below.

Prefix Letter.

- M**—(Imperial). Black Background, Raised Surface in Polished Natural Color Bronze (Sometimes called No. 3 Finish).
- AB**—Antique Copper, Highly Polished (AB Finish).
- RB**—Antique Copper, Mottled, Sand Finish (RB Finish).
- OB**—Old Brass, Polished (Dull Brass, Light) (OB Finish).
- OE**—Old Brass, Depressed Surface, Oxidized Black and Relieved (OE Finish).
- RD**—Antique Brass, Light, Sanded (RD Finish).
- N**—Nickel Plated, Highly Polished (N Finish).

ON STEEL GOODS MADE BY STANLEY WORKS

All unfinished goods are listed without suffixed letters; finished goods are designated by suffixed letters and numbers as below.

Suffix.

- A**—Natural Bronze Finish, Planished (Like Sargent's Natural Polished No. 1 Finish).
- D2**—Antique Copper Finish, Planished (Like Sargent's AB Finish).
- F**—Old Brass, not Shaded, Planished (Like Sargent's OE and OB Finish).
- SF4**—Antique Brass, Sand Finish (Like Sargent's RD Finish).
- SD2**—Antique Copper, Sand Finish (Like Sargent's RB Finish).
- J**—Japanned.
- N**—Nickel Plated Finish (Like Sargent's N Finish).
- H**—Dead Black, Electro-Plated, Bower-Barff Finish (Like Sargent's BNT Finish).
- No. G**—Bower-Barff, Rustless Iron Finish (Like Sargent's BC and BB Finishes).

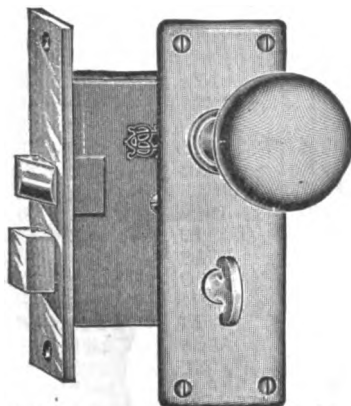
NUMERICAL INDEX OF LOCKS, LATCHES AND LOCK SETS

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3	—Rim S. D. Dead Lock..	307	555	—Inside Door Set.....	281	1537	—Bit Keyed F. D. Set...	271
5	—Rim S. D. Dead Lock..	307	556	—Inside Door Set.....	282	1538	—Bit Keyed F. D. Set...	272
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020U	—Rim Knob Lock Set...	304	559½	—Inside Door Set.....	284	1543	—Bit Keyed F. D. Set...	275
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37	—Rim Night Latch.....	302	564	—Inside Door Set.....	287	1549	—Bit Keyed F. D. Set...	278
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378	—Rim Night Latch.....	300	616	—Cylinder S. D. Handle.	369	2557	—Bit Keyed F. D. Set...	282
510	—Sliding Barn Door Lock	377	618	—Cylinder S. D. Handle.	369	2558	—Bit Keyed F. D. Set...	283
512	—Inside Door Set.....	265	619	—Cylinder S. D. Handle.	369	2559	—Bit Keyed F. D. Set...	284
512L	—Mortise Latch Set....	264	620	—Cylinder S. D. Handle.	370	2560	—Bit Keyed F. D. Set...	285
515	—Inside Door Set.....	266	630	—Cylinder S. D. Handle.	370	2561	—Bit Keyed F. D. Set...	285
516	—Inside Door Set.....	266	631	—Cylinder S. D. Handle.	370	2562	—Bit Keyed F. D. Set...	285
517	—Inside Door Set.....	267	632	—Cylinder S. D. Handle.	370	2563	—Bit Keyed F. D. Set...	286
518	—Inside Door Set.....	268	633	—Cylinder S. D. Handle.	370	2564	—Bit Keyed F. D. Set...	287
519	—Inside Door Set.....	268	650	—Store Door Handle....	371	2565	—Bit Keyed F. D. Set...	287
520	—Inside Door Set.....	268	651	—Store Door Handle....	371	2566	—Bit Keyed F. D. Set...	287
527	—Inside Door Set.....	269	652	—Store Door Handle....	371	2567	—Bit Keyed F. D. Set...	288
528	—Inside Door Set.....	269	660	—Store Door Handle....	371	2568	—Bit Keyed F. D. Set...	289
529	—Inside Door Set.....	269	661	—Store Door Handle....	371	2569	—Bit Keyed F. D. Set...	290
530	—Inside Door Set.....	270	665	—Store Door Handle....	371	2570	—Bit Keyed F. D. Set...	290
531	—Inside Door Set.....	270	680	—Store Door Handle....	372	2571	—Bit Keyed F. D. Set...	291
534	—Inside Door Set.....	271	681	—Store Door Handle....	372	2572	—Bit Keyed F. D. Set...	291
534L	—Mortise Latch Set....	264	685	—Store Door Handle....	372	2573	—Bit Keyed F. D. Set...	292
534½	—Inside Door Set.....	271	686	—Store Door Handle....	372	2574	—Bit Keyed F. D. Set...	293
535	—Inside Door Set.....	271	690	—Store Door Handle....	372	32138	—Rim Knob Lock.....	305
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535½	—Inside Door Set.....	271	695	—Store Door Handle....	373	3337	—Rim Knob Lock.....	305
536	—Inside Door Set.....	271	700	—Store Door Handle....	373	3512	—Rim Night Latch....	301
537	—Inside Door Set.....	271	701	—Store Door Handle....	373	3517	—Cylinder F. D. Set....	267
538	—Inside Door Set.....	272	OBT713	—Mortise Knob Lock...	298	3517V	—Cylinder Vestibule Set.	267
539	—Inside Door Set.....	273	719	—Mortise Knob Lock...	298	3518	—Cylinder F. D. Set....	268
540	—Inside Door Set.....	273	1257	—Mortise Knob Lock...	299	3518V	—Cylinder Vestibule Set.	268
541	—Inside Door Set.....	274	1512	—Bit Keyed F. D. Set...	265	3519	—Cylinder F. D. Set....	268
542	—Inside Door Set.....	275	1515	—Bit Keyed F. D. Set...	266	3519V	—Cylinder Vestibule Set.	268
543	—Inside Door Set.....	275	1516	—Bit Keyed F. D. Set...	266	3520	—Cylinder F. D. Set....	268
545	—Inside Door Set.....	276	1517	—Bit Keyed F. D. Set...	267	3520V	—Cylinder Vestibule Set.	268
546	—Inside Door Set.....	276	1527	—Bit Keyed F. D. Set...	269	3539	—Cylinder F. D. Set....	273
547	—Inside Door Set.....	276	1528	—Bit Keyed F. D. Set...	269	3540	—Cylinder F. D. Set....	273
548	—Inside Door Set.....	277	1529	—Bit Keyed F. D. Set...	269	3541	—Cylinder F. D. Set....	274
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4018	—Rim Knob Latch	300	4560	—Single Sliding Door Set	285	5546	—Double Slid'g Door Set	276
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BATH ROOM LOCK SETS

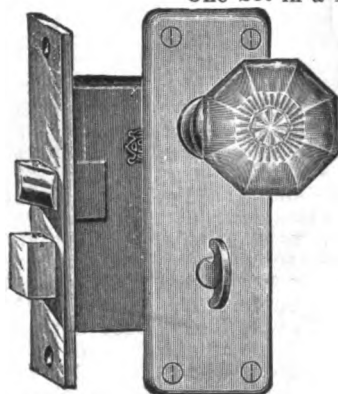


With Thumb Knob Inside Only.

- Per Dozen Sets
No. 50—Nickel Plated, Polished, N Finish.....\$30.00
Lock—No. 835, 3 5/8 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 3/8 inch Hub for Knobs, 3/8 inch Hub for Thumb Turn.
Operated—Latch Bolt by Knobs from Either Side, Dead Bolt by Thumb Turn from Inside, no Key.
Knob—One-half Pair, Size 2 1/4 inch, Seamless Wrought Steel, 3/8 inch Spindle.
Escutcheon—One, No. 01326, Size 6x2 inches, and Thumb Turn No. 173 1/2 TP.

Weight Per Set 2 Pounds.

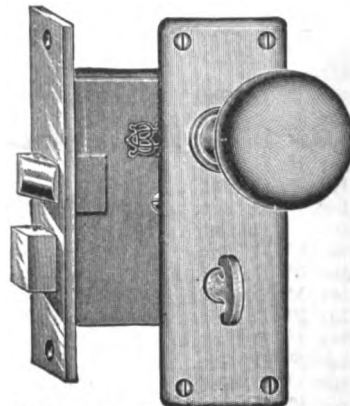
One Set in a Box, with Screws.



Cuts Third Size.

Wrought Bronze.

With Trim for Bath Room Side of Door Only. Any of Our Knobs and Escutcheons May be Used for Outside of Door to Harmonize with Other Trim Used.



With Thumb Knob Inside and Emergency Key Outside.

- Per Dozen Sets
No. 75—Nickel Plated, Polished, N Finish.....\$30.00
Lock—No. 835, 3 5/8 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 3/8 inch Hub for Knobs, 3/8 inch Hub for Thumb Turn.
Operated—Latch Bolt by Knobs from Either Side, Dead Bolt by Thumb Turn from Inside, by Emergency Key from Outside.
Knob—One-half Pair, Size 2 1/4 inch, Seamless Wrought Steel, 3/8 inch Spindle.
Escutcheon—One, No. 01326, Size 6x2 inches, and Thumb Turn No. 173 1/2 TP.

Weight Per Set 2 Pounds.

One Set in a Box, with Screws.

With Thumb Knob Inside and Emergency Key Outside.

- Per Dozen Sets
No. 80—Glass Knob, Nickel Plated, Polished, N Finish\$35.00
Lock—No. 835, 3 5/8 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 3/8 inch Hub for Knob, 3/8 inch Hub for Thumb Turn.
Operated—Latch Bolt by Knobs from Either Side, Dead Bolt by Thumb Turn from Inside, by Emergency Key from Outside.
Knob—One-half Pair, No. 310, Size 2 1/4 inches, Octagon Pressed Glass, 3/8 inch Spindle.
Escutcheon—One, No. 01326, Size 6x2 inches, and Thumb Turn No. 173 1/2 TP.

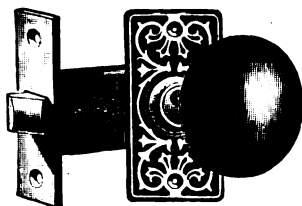
Weight Per Set 2 Pounds.

One Set in a Box, with Screws.

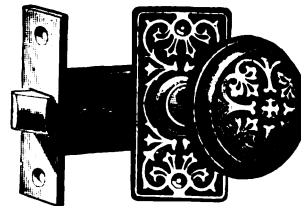
MORTISE KNOB LATCH SETS

Cuts Third Size.

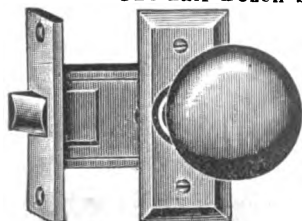
Wrought Steel.



- Per Dozen Sets
No. 100L—Bronze Plated, K Finish.....\$9.00
Latch—No. 4610S, 1 1/2 x 3 inch Wrought Steel Case, Brass Plated Front and Bolt, Reversible.
Knobs—No. K1334, Ebony, Size 2 1/4 inches, 3/8 inch Straight Spindle.
Escutcheons—Two, No. K245B, Size 3x1 1/2 inches.
Weight Per Dozen Sets 15 Pounds.
One-half Dozen Sets in a Box, with Screws.



- Per Dozen Sets
No. 512L—Bronze Plated, K Finish.....\$12.00
Latch—No. 4610S, 1 1/2 x 3 inch Wrought Steel Case, Brass Plated Front and Bolt, Reversible.
Knobs—No. K1342B, Size 2 1/4 inches, 3/8 inch Straight Spindle.
Escutcheons—Two, No. K245B, Size 3x1 1/2 inches.
Weight Per Dozen Sets 15 Pounds.
One-half Dozen Sets in a Box, with Screws.



- Per Dozen Sets
No. 534L—Antique Copper, Polished, AB Finish.....\$12.00
No. 535L—Old Brass, Polished, OB Finish.....12.00
Latch—No. 1178, 1 1/2 x 3 1/4 inch Japanned Iron Case, Bronze Plated Front and Bolt, Reversible.
Knobs—No. P34002 1/4, Seamless, Size 2 1/4 inches, 3/8 inch Straight Spindle.
Escutcheons—Two, No. P34010, Size 3 1/2 x 1 1/2 inches.

Weight Per Dozen Sets 16 Pounds.

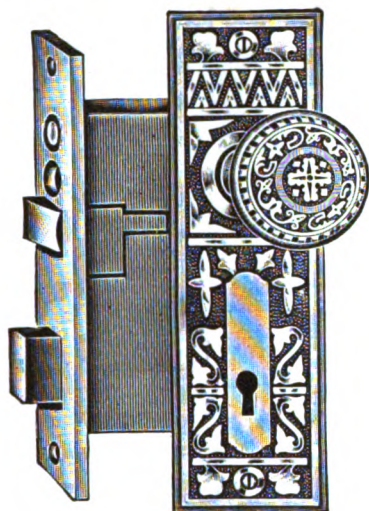
One-twelfth Dozen Sets in a Box, with Screws.

ARGO DESIGN

Cuts Third Size.

Wrought Steel Plated.

BIT KEYED FRONT DOOR SETS



No. 1512—Bronze Plated, K Finish.....\$3.50

Lock—No. P451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 7/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolt, Easy Spring Latch Bolt, Reversible, One Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

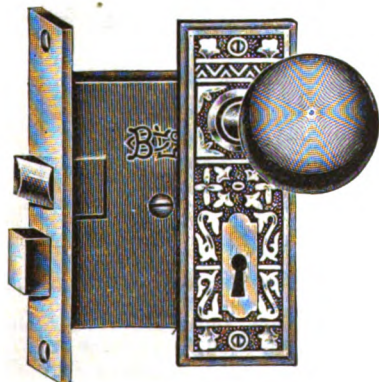
Knobs—No. P1349, Size 2 1/4 inches, 1/8 inch Swivel Spindle.

Escutcheons—Two, No. P075, Size 8x2 1/2 inches.

Weight Per Set 2 1/2 Pounds.

One Set in a Box, with Screws.

INSIDE DOOR SETS



No. 100—Bronze Plated, K Finish.....\$12.00

Lock—No. 610P, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 7/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolt, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knob—No. P1344, Jet, Iron Shank, Size 2 1/4 inches, 1/8 inch Straight Spindle.

Escutcheons—Two, No. P073 1/2, Size 5 1/2 x 1 3/4 inches.

Weight Per Dozen Sets 24 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

INSIDE DOOR SETS



Per Dozen Sets

No. 512—Bronze Plated, K Finish.....\$13.50

Lock—No. P610, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 7/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

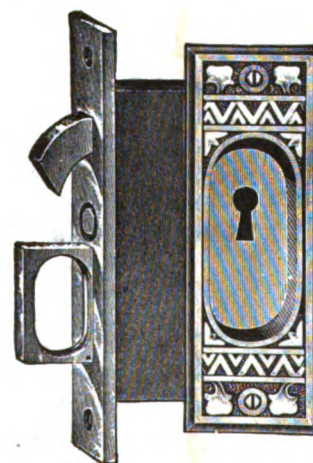
Knobs—No. P1349, Size 2 1/4 inches, 1/8 inch Straight Spindle.

Escutcheons—Two, No. 073 1/2, Size 5 1/2 x 1 3/4 inches.

Weight Per Dozen Sets 21 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS



For Single Doors.

Per Set

No. 4512—Bronze Plated, K Finish.....\$3.00

Lock—No. P532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Two, Size 6x2 1/4 inches.

Weight Per Set 1 1/2 Pounds.

For Double Doors.

Per Set

No. 5512—Bronze Plated, K Finish.....\$4.50

Lock—No. P533, for Double Doors, Otherwise Same as No. P532.

Escutcheons—Four, Size 6x2 1/4 inches

Weight Per Set 3 Pounds.

One Set in a Box, with Screws.

PERU DESIGN

Cuts Third Size.

Wrought Steel.

BIT KEYED FRONT DOOR SETS



Per Set

No. 1515—Antique Copper, Polished, AB Finish.....\$3.75

No. 1516—Old Brass, Polished, OB Finish..... 3.75

Lock—No. P451, 5x3 3/8 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/2 x 1 1/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside, and both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. P1320, Size 2 1/4 inches, 1/8 inch Swivel Spindle.

Escutcheons—Outside No. P09005, Size 10x2 3/4 inches; Inside No. P193 1/2, Size 7x2 1/4 inches.

Weight Per Set 3 1/2 Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS



Per Dozen Sets

No. 110—Antique Copper, Polished, AB Finish.....\$9.00

Lock—No. 610P, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/4 x 1/2 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

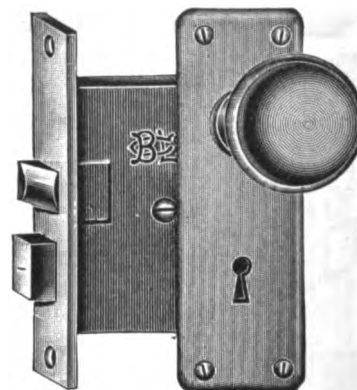
Knobs—No. P1344, Jet, Iron Shank, Size 2 1/4 inches, 1/8 inch Straight Spindle.

Escutcheons—Two, No. B173 1/2, Size 6x2 inches.

Weight Per Dozen Sets 26 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

INSIDE DOOR SETS



Per Dozen Sets

No. 515—Antique Copper, Polished, AB Finish.....\$14.00

No. 516—Old Brass, Polished, OB Finish..... 14.00

Lock—No. P610, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/4 x 1/2 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

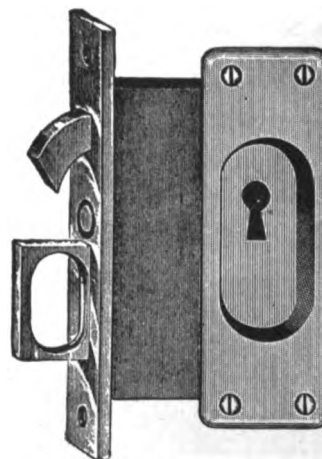
Knobs—No. P1320, Size 2 1/4 inches, 1/8 inch Straight Spindle.

Escutcheons—Two, No. P173 1/2, Size 6x2 inches.

Weight Per Dozen Sets 26 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS



For Single Doors.

Per Set

No. 4515—Antique Copper, Polished, AB Finish.....\$2.00

No. 4516—Old Brass, Polished, OB Finish..... 2.00

Lock—No. P532, 5x3 3/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 1/4 inches Thick.

Escutcheons—Two, No. P072, Size 6x2 inches.

Weight Per Set 2 Pounds.

♦ For Double Doors.

Per Set

No. 5515—Antique Copper, Polished, AB Finish.....\$3.00

No. 5516—Old Brass, Polished, OB Finish..... 3.00

Lock—No. P533, for Double Doors, Otherwise Same as No. P532.

Escutcheons—Four, No. P072, Size 6x2 inches.

Weight Per Set 3 1/2 Pounds.
One Set in a Box, with Screws.

PERU DESIGN

Cuts Third Size.

Wrought Steel.

CYLINDER FRONT DOOR SETS Per Set

No. 3517—Bower-Barff Rustless Iron, BB Finish. \$15.00

Lock—No. C440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/2 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. 01327X01326, Seamless, Size 2 1/2 x 2 1/4 inches, 1/2 inch Swivel Spindle.

Escutcheons—Outside No. CP09005, Size 10x2 3/4 inches; Inside No. P193 1/2 TP, Size 7x2 1/4 inches, with Thumb Knob.

Weight Per Set 5 Pounds.

One Set in a Box, with Screws.

CYLINDER VESTIBULE AND OFFICE DOOR SETS Per Set

No. 3517V—Bower-Barff Rustless Iron, BB Finish. \$14.00

Lock—No. C440V, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/2 inch Cast Bronze Front, Heavy Cast Bronze Latch Bolt, Easy Spring, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Latch, then by Key from Outside and Knob Inside.

Knobs—No. 01327X01326, Seamless, Size 2 1/2 x 2 1/4 inches, 1/2 inch Swivel Spindle.

Escutcheons—Outside No. CP09005, Size 10x2 3/4 inches; Inside No. P193 1/2, Size 7x2 1/4 inches.

Weight Per Set 4 1/2 Pounds.

One Set in a Box, with Screws.

BIT KEYED FRONT DOOR SETS Per Set

No. 1517—Bower-Barff Rustless Iron, BB Finish. \$5.00

Lock—No. P451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/2 x 1 1/2 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. P01326, Seamless, Size 2 1/4 inches, 1/2 inch Swivel Spindle.

Escutcheons—Outside No. P09005, Size 10x2 3/4 inches; Inside No. P193 1/2, Size 7x2 1/4 inches.

Weight Per Set 3 1/2 Pounds.

One Set in a Box, with Screws.

INSIDE DOOR SETS

No. 517—Bower-Barff Rustless Iron, BB Finish. Per Dozen Sets \$28.00

Lock—No. P610, 3 3/4 x 3 1/2 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/4 x 7/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. P1326, Seamless, Size 2 1/4 inches, 1/2 inch Straight Spindle.

Escutcheons—Two, No. P173 1/2, Size 6x2 inches.

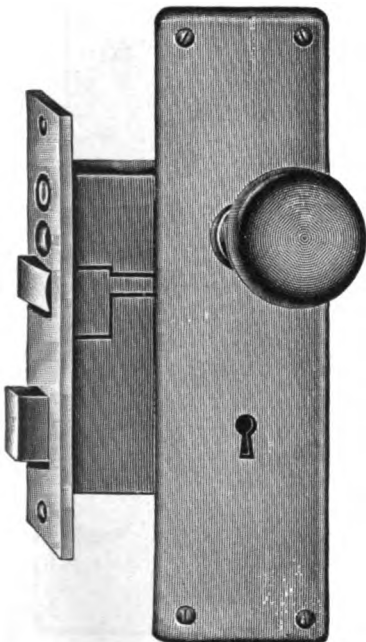
Weight Per Dozen Sets 26 Pounds.

One-twelfth Dozen Sets in a Box.

SLIDING DOOR SETS

For Single Doors.

No. 1517.



No. 4517—Bower-Barff Rustless Iron, BB Finish. Per Set \$3.25

Lock—No. P532, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Two, No. P072, Size 6x2 inches

Weight Per Set 2 Pounds.

For Double Doors.

Per Set

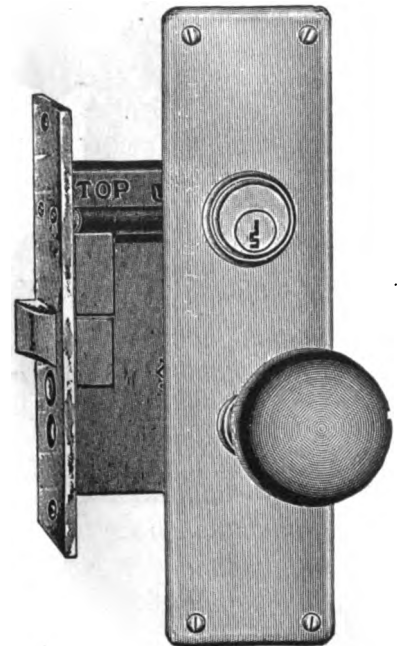
No. 5517—Bower-Barff Rustless Iron, BB Finish. Per Set \$5.00

Lock—No. P533, for Double Doors, Otherwise Same as No. P532.

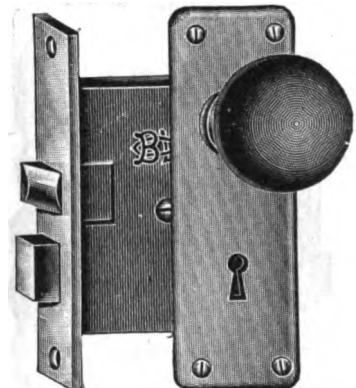
Escutcheons—Four, No. P072, Size 6x2 inches.

Weight Per Set 3 1/2 Pounds.

One Set in a Box, with Screws.



No. 3517V.



No. 1517.

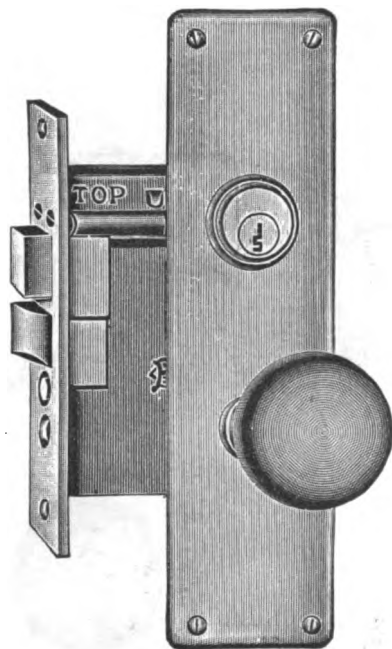
Per Dozen Sets

\$28.00

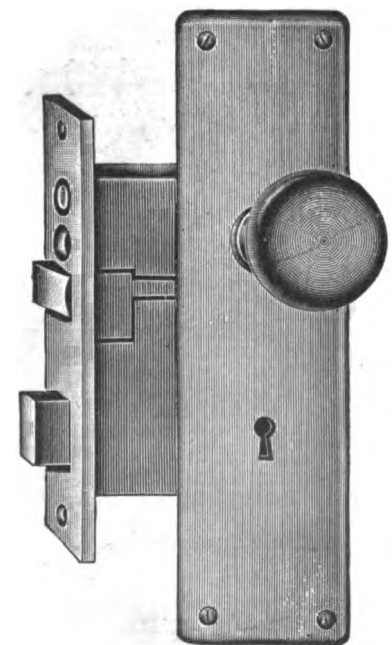
PERU DESIGN

Cuts Third Size.

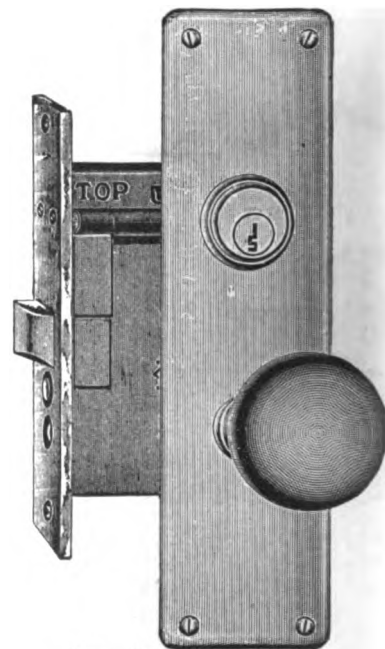
Wrought Bronze.



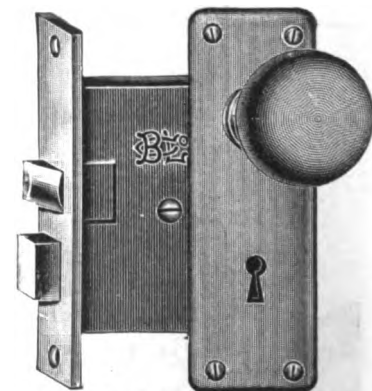
Nos. 3518 to 3520.



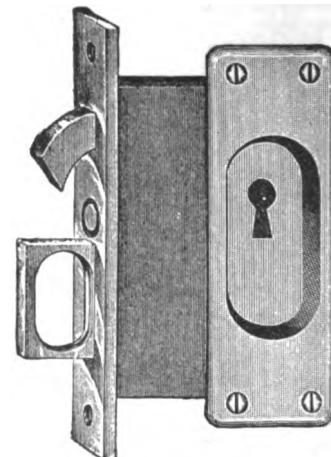
Nos. 2518 to 2520.



Nos. 3518V to 3520V.



Nos. 518 to 520.



Nos. 4518 to 5520.

CYLINDER FRONT DOOR SETS Per Set
 No. 3518—Antique Copper, Polished, AB Finish... \$15.00
 No. 3519—Old Brass, Polished, OB Finish... 15.00
 No. 3520—Antique Brass, Sanded, RD Finish... 15.00
 Lock—No. C440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/4 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.
 Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
 Knobs—No. 01327x01326, Seamless, Size 2 1/2 x 2 1/4 inches, 3/8 inch Swivel Spindle.
 Escutcheons—Outside No. C09005, Size 10x2 3/4 inches, Inside No. 193 1/2 TP, Size 7x2 3/4 inches, with Thumb Knob.

One Set in a Box, with Screws.

CYLINDER VESTIBULE AND OFFICE DOOR SETS

Per Set
 No. 3518V—Antique Copper, Polished, AB Finish... \$14.00
 No. 3519V—Old Brass, Polished, OB Finish... 14.00
 No. 3520V—Antique Brass, Sanded, RD Finish... 14.00
 Lock—No. C440V, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/4 inch Cast Bronze Front, Heavy Cast Bronze Latch Bolt, Easy Spring, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.
 Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of of Latch, then by Key from Outside and Knob Inside.
 Knobs—No. 01327x01326, Seamless, Size 2 1/2 x 2 1/4 inches, 3/8 inch Swivel Spindle.
 Escutcheons—Outside No. C09005, Size 10x2 3/4 inches, Inside No. 193 1/2.

One Set in a Box, with Screws.

BIT KEYED FRONT DOOR SETS Per Set
 No. 2518—Antique Copper, Polished, AB Finish... \$6.00
 No. 2519—Old Brass, Polished, OB Finish... 6.00
 No. 2520—Antique Brass, Sanded, RD Finish... 6.00
 Lock—No. 451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.
 Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
 Knobs—No. 01326, Seamless, Size 2 1/4 inches, 3/8 inch Swivel Spindle.
 Escutcheons—Outside No. 09005, Size 10x2 3/4 inches, Inside No. 193 1/2, Size 7x2 3/4 inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS

Per Dozen Sets
 No. 518—Antique Copper, Polished, AB Finish... \$40.00
 No. 519—Old Brass, Polished, OB Finish... 40.00
 No. 520—Antique Brass, Sanded, RD Finish... 40.00
 Lock—No. 710, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/4 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.
 Knobs—No. 01326, Seamless, Size 2 1/4 inches, 3/8 inch Straight Spindle.
 Escutcheons—Two, No. 173 1/2, Size 6x2 inches.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

For Single Doors.

Per Set
 No. 4518—Antique Copper, Polished, AB Finish... \$3.75
 No. 4519—Old Brass, Polished, OB Finish... 3.75
 No. 4520—Antique Brass, Sanded, RD Finish... 3.75
 Lock—No. 0532, 5x3 3/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Wrought Bronze Front, Cast Bronze Bolt and Pull, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.
 Escutcheons—Two, No. 072, Size 6x2 inches.

One Set in a Box, with Screws.

For Double Doors.

Per Set
 No. 5518—Antique Copper, Polished, AB Finish... \$4.50
 No. 5519—Old Brass, Polished, OB Finish... 4.50
 No. 5520—Antique Brass, Sanded, RD Finish... 4.50
 Lock—No. 0533, for Double Doors, Otherwise Same as No. 0532.
 Escutcheons—Four No. 072, Size 6x2 inches.

One Set in a Box, with Screws.

MADISON DESIGN.

Cuts Third Size.

Wrought Bronze and Steel.

BIT KEYED FRONT DOOR SETS

Wrought Steel, Oval Knobs.

Per Set

No. 1527—Antique Copper, Polished, AB Finish . . . \$3.75

Lock—No. 1472E, 5x3 3/4 inch Japanned Iron Case, 2 3/8 inch Backset, 7x1 1/8 inch Wrought Steel Front, Cast Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—Oval, 2 5/8 x 1 1/2 inches, 3/8 inch Swivel Spindle.

Escutcheons—Outside, Size 10 5/8 x 3 1/4 inches, Inside, Size 7 1/4 x 2 5/8 inches.

Wrought Steel, Round Knobs.

Per Set

No. 1528—Antique Copper, Polished, AB Finish . . . \$3.75

No. 1529—Old Brass, Relieved, OE Finish . . . 3.75

Knobs—Round, Size 2 1/4 inches.

Lock and Escutcheons—Same as No. 1527.

Wrought Bronze, Oval Knobs.

Per Set

No. 2527—Antique Copper, Polished, AB Finish . . . \$6.00

Lock, Knobs and Escutcheons—Same as No. 1527, but Wrought Bronze.

Wrought Bronze, Round Knobs.

Per Set

No. 2528—Antique Copper, Polished, AB Finish . . . \$6.00

No. 2529—Old Brass, Relieved, OE Finish . . . 6.00

Lock, Knobs and Escutcheons—Same as No. 1528, but Wrought Bronze.

One Set in a Box, with Screws.

INSIDE DOOR SETS

Wrought Steel, Oval Knobs.

Per Dozen Sets

No. 527—Antique Copper, Polished, AB Finish . . . \$12.00

Lock—No. 1066, 3 1/2 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/2 x 1 1/8 inch Wrought Steel Front, Cast Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Iron Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—Oval, Size 2 5/8 x 1 1/2 inches, 3/8 inch Straight Spindle.

Escutcheons—Two, Size 7 1/4 x 2 5/8 inches.

Wrought Steel, Round Knobs.

Per Dozen Sets

No. 528—Antique Copper, Polished, AB Finish . . . \$12.00

No. 529—Old Brass, Relieved, OE Finish . . . 12.00

Knobs—Round, 2 1/4 inches.

Lock and Escutcheons—Same as No. 527.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Wrought Steel.

For Single Doors.

Per Set

No. 4527—Antique Copper, Polished, AB Finish . . . \$3.25

No. 4529—Old Brass, Relieved, OE Finish . . . 3.25

Lock—No. 3100E, 4 3/8 x 3 3/4 inches, 2 1/2 inch Backset, 6 3/8 x 1 1/8 inch Wrought Steel Front, Cast Bronze Bolt and Pull, 1 Bronze Extensio 1 Key.

Escutcheons—Two, Size 7 1/4 x 2 5/8 inches.

For Double Doors.

Per Set

No. 5527—Antique Copper, Polished, AB Finish . . . \$4.50

No. 5529—Old Brass, Relieved, OE Finish . . . 4.50

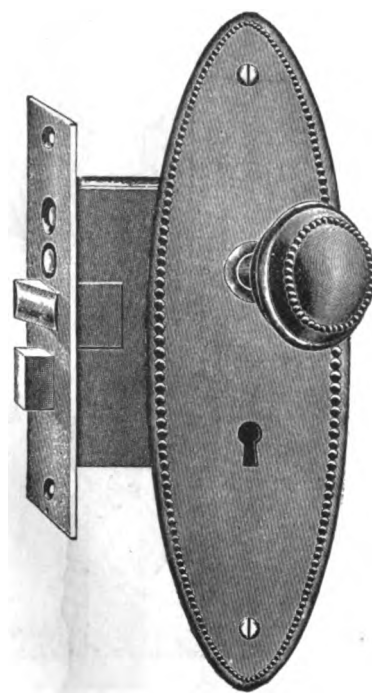
Lock—No. 3102E, For Double Doors, Otherwise Same as No. 3100E.

Escutcheons—Four, Size 7 1/4 x 2 5/8 inches.

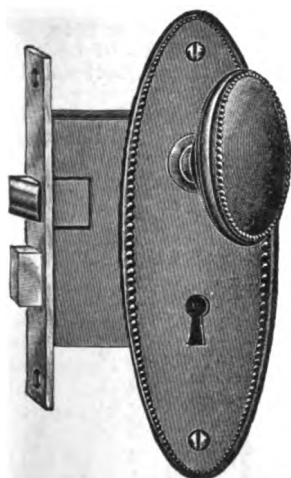
One Set in a Box, with Screws.



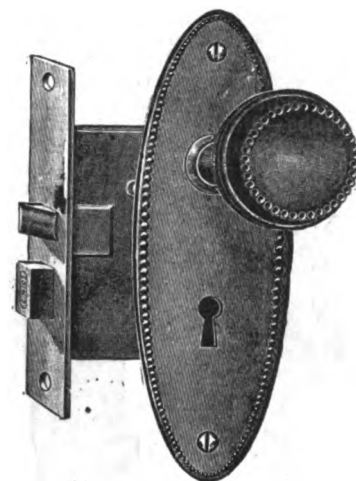
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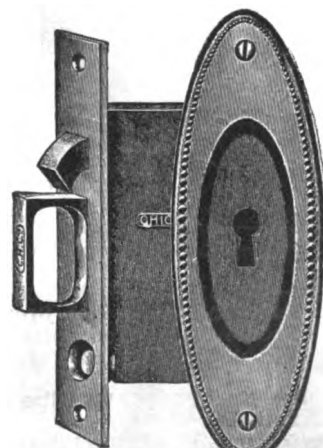
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No. 527.



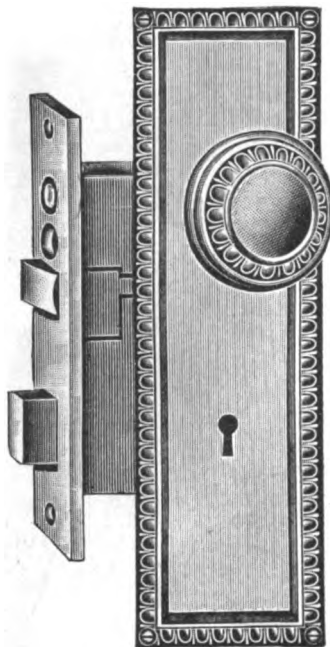
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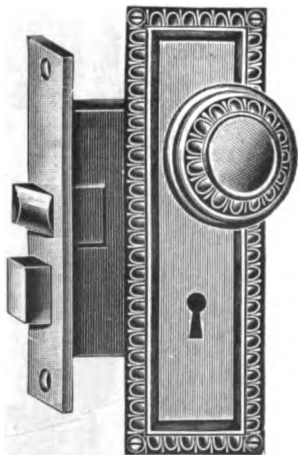
Nos. 4527 to 5529.

ANDROS DESIGN

Cuts Third Size.

**Wrought Bronze and Steel.
BIT KEYED FRONT DOOR SETS****Wrought Bronze.**

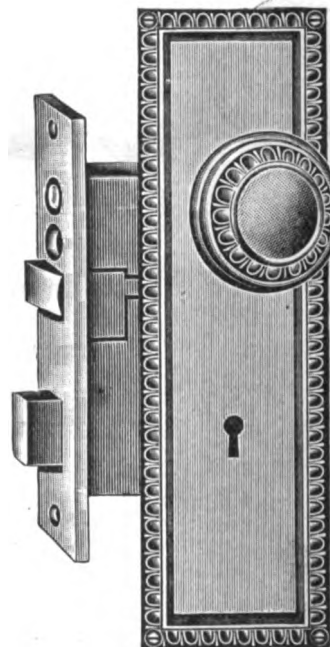
- No. 2530**—Antique Copper, Polished, AB Finish.....**\$6.00**
No. 2531—Old Brass, Relieved, OE Finish..... **6.00**
Lock—No. 451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.
Operated—Latch Bolt Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 31002 1/4, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
Escutcheons—Outside No. A31004, Size 10x3 inches, Inside No. 31103 1/2, Size 7x2 1/4 inches.
 One Set in a Box, with Screws.

INSIDE DOOR SETS**Wrought Steel.**

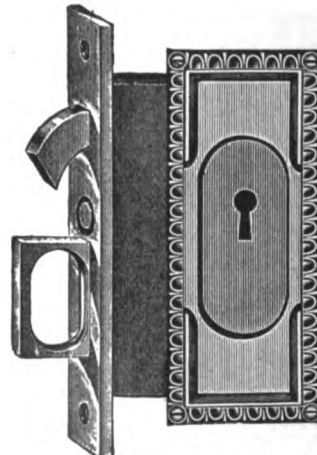
- No. 530**—Antique Copper, Polished, AB Finish.....**\$12.00**
No. 531—Old Brass, Relieved, OE Finish..... **12.00**
Lock—No. 610, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 1 1/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. P31002 1/4, Size 2 1/4 inches, 1/8 inch Straight Spindle
Escutcheons—Two, No. P31102, Size 7x2 1/4 inches.

One-twelfth Dozen Sets in a Box, with Screws.

**Wrought Steel.**

- No. 1530**—Antique Copper, Polished, AB Finish.....**\$3.75**
No. 1531—Old Brass, Relieved, OE Finish..... **3.75**
Lock—No. P451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 1/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. P31002 1/4, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
Escutcheons—Outside No. PA31004, Size 10x3 inches, Inside No. P31103 1/2, Size 7x2 1/4 inches.
 One Set in a Box, with Screws.

SLIDING DOOR SETS**Wrought Steel.**

For Single Doors.

- No. 4530**—Antique Copper, Polished, AB Finish.....**\$3.25**
No. 4531—Old Brass, Relieved, OE Finish..... **3.25**
Lock—No. P532, 5x3 3/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 1/4 inches Thick.
Escutcheons—Two, No. P31102, Size 6x2 1/4 inches.

For Double Doors.

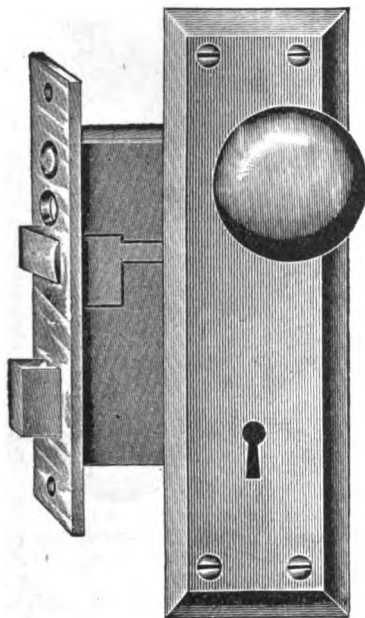
- No. 5530**—Antique Copper, Polished, AB Finish.....**\$4.50**
No. 5531—Old Brass, Relieved, OE Finish..... **4.50**
Lock—No. P533, for Double Doors, Otherwise Same as No. P532.
Escutcheons—Four, No. P31002, Size 6x2 1/4 inches.
 One Set in a Box, with Screws.

STRATFORD DESIGN

Cuts Third Size.

Wrought Steel.

RIT KEYED FRONT DOOR SETS



	Per Set
No. 1584—Antique Copper, Polished, AB Finish.....	\$3.75
No. 1585—Old Brass, Polished, OB Finish.....	3.75
No. 1586—Antique Brass, Sanded, RD Finish.....	3.75
No. 1587—Bower-Barff Rustless Iron, BB Finish.....	3.75

Lock—No. P451, 5x3 $\frac{3}{4}$ inch Japanned Iron Case, 2 $\frac{3}{4}$ inch Backset, 7 $\frac{1}{2}$ x1 $\frac{1}{8}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

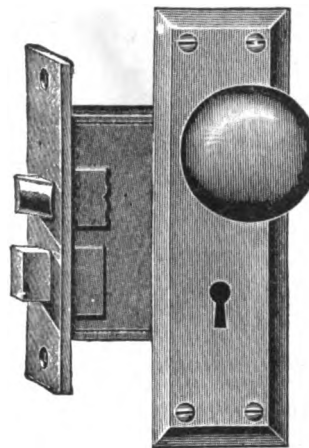
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. P34002 $\frac{1}{4}$, Seamless, Size 2 $\frac{1}{4}$ inches, $\frac{1}{8}$ inch Swivel Spindle.

Escutcheons—Outside No. PA34004, Size 10x3 inches, Inside No. P34103 $\frac{1}{2}$, Size 7x2 $\frac{1}{4}$ inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS



	Per Dozen Sets
No. 534—Antique Copper, Polished, AB Finish.....	\$12.00
No. 535—Old Brass, Polished, OB Finish.....	12.00
No. 536—Antique Brass, Sanded, RD Finish.....	12.00
No. 537—Bower-Barff Rustless Iron, BB Finish.....	12.00

Lock—No. P610, 3 $\frac{3}{4}$ x3 $\frac{3}{8}$ inch Japanned Iron Case, 2 $\frac{3}{4}$ inch Backset, 5 $\frac{1}{4}$ x $\frac{7}{8}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. P34002 $\frac{1}{4}$, Seamless, Size 2 $\frac{1}{4}$ inches, $\frac{1}{8}$ inch Straight Spindle.

Escutcheons—Two, No. P34103 $\frac{1}{2}$, Size 7x2 $\frac{1}{4}$ inches.

Wrought Steel, with Wrought Bronze Knob.

	Per Dozen Sets
No. 534 $\frac{1}{2}$ —Antique Copper, Polished, AB Finish....	\$15.00
No. 535 $\frac{1}{2}$ —Old Brass, Polished, OB Finish.....	15.00

Knobs—Wrought Bronze, Seamless, Size 2 $\frac{1}{4}$ inches, $\frac{1}{8}$ inch Straight Spindle.

Lock and Escutcheons—Same as Above.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

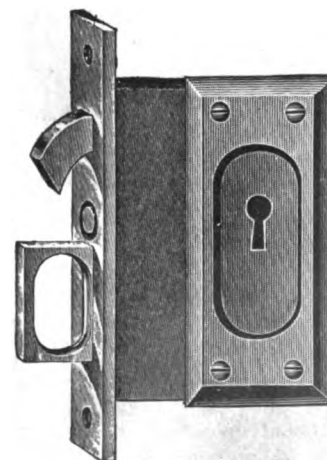
For Single Doors.

	Per Set
No. 4534—Antique Copper, Polished, AB Finish	\$3.25
No. 4535—Old Brass, Polished, OB Finish.....	3.25
No. 4536—Antique Brass, Sanded, RD Finish.....	3.25
No. 4537—Bower-Barff, Rustless Iron, BB Finish	3.25
Lock—No. P532, 5x3 $\frac{3}{4}$ inch Japanned Iron Case, 2 $\frac{1}{4}$ inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 $\frac{1}{4}$ to 2 $\frac{3}{4}$ inches Thick.	
Escutcheons—Two, No. P34102, Size 6x2 $\frac{1}{2}$ inches.	

For Double Doors.

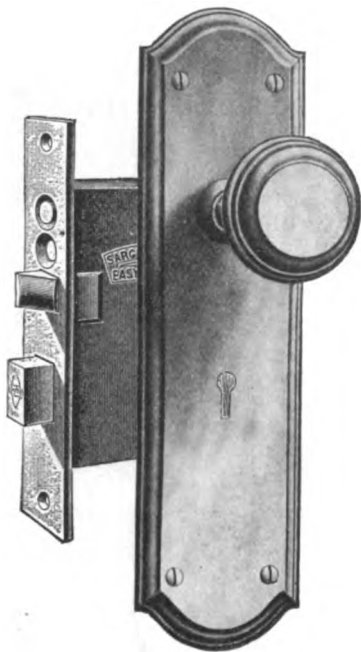
	Per Set
No. 5534—Antique Copper, Polished, AB Finish	\$4.50
No. 5535—Old Brass, Polished, OB Finish.....	4.50
No. 5536—Antique Brz s, Sanded, RD Finish.....	4.50
No. 5537—Bower-Barff, Rustless Iron, BB Finish	4.50
Lock—No. P533, for Double Doors, Otherwise Same as No. P532.	
Escutcheons—Four, No. P34102, Size 6x2 $\frac{1}{2}$ inches.	

One Set in a Box, with Screws.



PE-EXETER DESIGN

Cuts Third Size.
Wrought Bronze and Steel.
BIT KEYED FRONT DOOR SETS

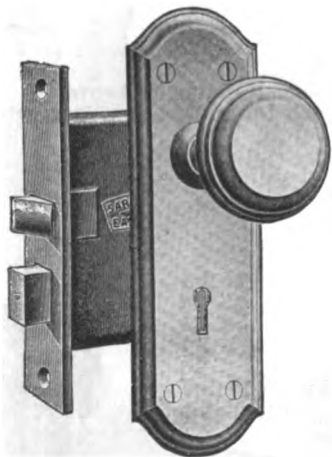


Wrought Bronze.

No. 2538—Antique Copper, Polished, AB Finish. \$6.00 Per Set
Lock—No. 6344P, $4\frac{1}{4} \times 3\frac{1}{2}$ inch Japanned Iron Case, $2\frac{1}{2}$ inch Backset, $6\frac{1}{2} \times 1$ inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Tumbler, 36 Changes, 3 Nickel Plated Steel Keys.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 1523, Size $2\frac{1}{4}$ inches, $\frac{1}{8}$ inch Swivel Spindle.
Escutcheons—Outside No. 867PE, Size $10 \times 2\frac{3}{4}$ inches, Inside No. 847PE, Size $7 \times 2\frac{1}{4}$ inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS



Wrought Steel.

No. 538—Antique Copper, Polished, AB Finish. \$12.00 Per Dozen Sets
Lock—No. 5161, $3\frac{1}{2} \times 3\frac{1}{4}$ inch Japanned Iron Case, $2\frac{1}{2}$ inch Backset, $5\frac{1}{4} \times \frac{7}{8}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Free Acting Latch Bolt, Reversible, 12 Changes, 1 Nickel Plated Steel Key.
Knobs—No. 1342PE, Size $2\frac{1}{4}$ inches, $\frac{1}{8}$ inch Straight Spindle.
Escutcheons—Two, No. 345PE, Size $7 \times 2\frac{1}{4}$ inches.

One-twelfth Dozen in a Box, with Screws.



Wrought Steel.

No. 1538—Antique Copper, Polished, AB Finish. \$3.75 Per Set
Lock—No. 6341, $4\frac{1}{4} \times 3\frac{1}{2}$ inch Japanned Iron Case, $2\frac{1}{2}$ inch Backset, $6\frac{1}{2} \times 1$ inch Bronze Plated Cast Iron Front, Bronze Plated Cast Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Tumbler, 36 Changes, 3 Nickel Plated Steel Keys.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 1343PE, Size $2\frac{1}{4}$ inches, $\frac{1}{8}$ inch Swivel Spindle.
Escutcheons—Outside No. 367PE, Size $10 \times 2\frac{3}{4}$ inches, Inside No. 354PE, Size $7 \times 2\frac{1}{4}$ inches.

One Set in a Box, with Screws.

SLIDING DOOR SETS



Wrought Steel.

For Single Doors. Per Set
No. 4538—Antique Copper, Polished, AB Finish. \$3.25
Lock—No. 6961, Flat Front, $5\frac{1}{4} \times 3\frac{1}{4}$ inch Japanned Iron Case, $2\frac{1}{2}$ inch Backset, $7\frac{1}{2} \times 1$ inch Steel Front and Strike, Bronze Bolt and Pull, Reversible, 1 Brass Key, for Doors $1\frac{1}{4}$ to $2\frac{1}{4}$ inches Thick.
Escutcheons—Two, No. 344PE, Size $7 \times 2\frac{1}{4}$ inches.
Weight Per Set 2 Pounds.
For Double Doors. Per Set
No. 5538—Antique Copper, Polished, AB Finish. \$4.50
Lock—No. 6962, for Double Doors, Otherwise Same as No. 6961.
Escutcheons—Four, No. 344PE, Size $7 \times 2\frac{1}{4}$ inches.
One Set in a Box, with Screws.

AN—ALBY DESIGN

Cuts Third Size.

Wrought Bronze and Steel.

CYLINDER FRONT DOOR SETS

Wrought Bronze.

- Per Set
 No. 3539—Antique Copper, Polished, AB Finish...\$16.00
 No. 3540—Old Brass, Relieved, OE Finish..... 16.00
 Lock—No. 6845P, 5½x4 inch Japanned Iron Case, 2¾ inch Backset, 7¾x1¼ inch Adjustable Protected Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Oxidized German Silver Keys, Changes Unlimited.
 Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
 Knobs—No. 1525AN, Size 2½x2¼ inches, ⅝ inch Swivel Spindle.
 Escutcheons—Outside No. 7876AN, Size 10½x2⅞ inches, Inside No. 7855AN, Size 7⅞x2⅞ inches, with Cast Bronze Thumb Knob.
 One Set in a Box, with Screws.

BIT KEYED FRONT DOOR SETS

Wrought Steel.

- Per Set
 No. 1539—Antique Copper, Polished, AB Finish...\$3.75
 No. 1540—Old Brass, Relieved, OE Finish..... 3.75
 Lock—No. 6341, 4¾x3⅝ inch Japanned Iron Case, 2⅞ inch Backset, 6⅞x1 inch Bronze Plated Cast Iron Front, Bronze Plated Cast Iron Bolts, Easy Spring Latch Bolt Reversible, 1 Wrought Tumbler, 36 Changes, 3 Nickel Plated Steel Keys.
 Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
 Knobs—No. 1343AN, Size 2¼ inches, ⅞ inch Swivel Spindle.
 Escutcheons—Outside No. 367AN, Size 10½x2⅞ inches, Inside No. 354AN, Size 7⅞x2⅞ inches.

Wrought Bronze.

- Per Set
 No. 2539—Antique Copper, Polished, AB Finish...\$6.00
 No. 2540—Old Brass, Relieved, OE Finish..... 6.00
 Lock, Knobs and Escutcheons—Same as Above, but Wrought Bronze.
 One Set in a Box, with Screws.

INSIDE DOOR SETS

Wrought Steel.

- Per Dozen Sets
 No. 539—Antique Copper, Polished, AB Finish...\$12.00
 No. 540—Old Brass, Relieved, OE Finish..... 12.00
 Lock—No. 5161, 3½x3¼ inch Japanned Iron Case, 2½ inch Backset, 5¼x⅞ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Free Acting Latch Bolt, Reversible, 12 Changes, 1 Nickel Plated Steel Key.
 Knobs—No. 1342AN, Size 2¼ inches, ⅞ inch Straight Spindle.
 Escutcheons—Two, No. 345AN, Size 7⅞x2⅞ inches.
 One-twelfth Dozen Sets in a Box.

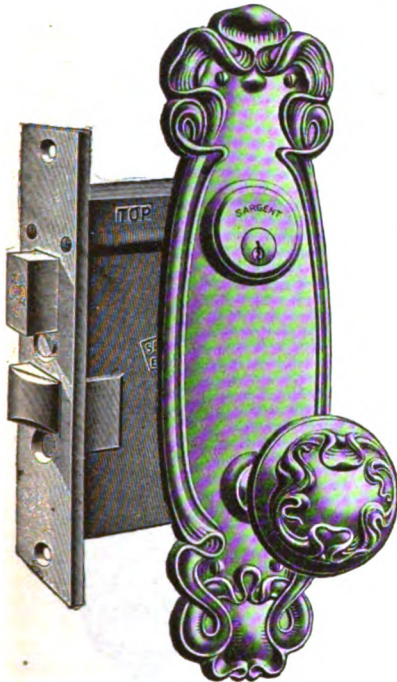
SLIDING DOOR SETS

Wrought Steel.

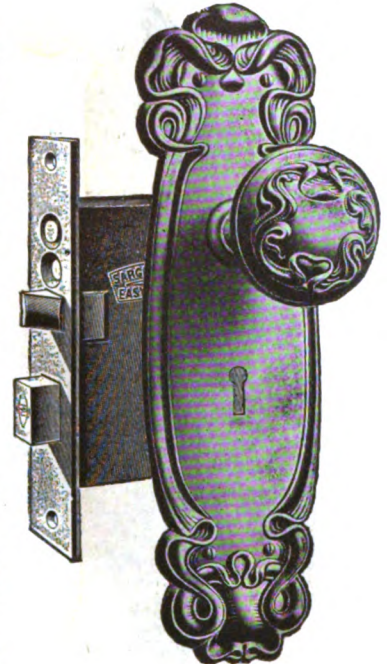
- For Single Doors. Per Set
 No. 4539—Antique Copper, Polished, AB Finish...\$3.25
 No. 4540—Old Brass, Relieved, OE Finish..... 3.25
 Lock—No. 6961, Flat Front, 5¼x3¾ inch Japanned Iron Case, 2½ inch Backset, 7⅞x1 inch Steel Front and Strike, Bronze Bolt and Pull, Reversible, 1 Brass Key, for Doors 1¼ to 2¼ inches Thick.
 Escutcheons—Two, No. 344AN, Size 7⅞x2⅞ inches.

For Double Doors.

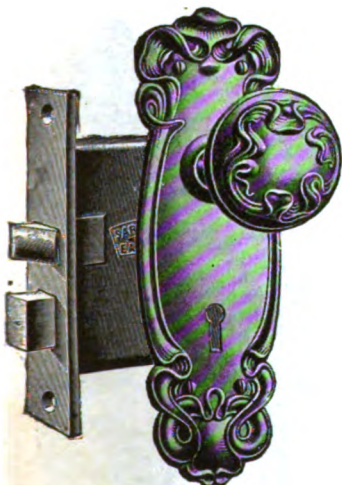
- Per Set
 No. 5539—Antique Copper, Polished, AB Finish...\$4.50
 No. 5540—Old Brass, Relieved, OE Finish..... 4.50
 Lock—No. 6992, for Double Doors, Otherwise Same as No. 6961.
 Escutcheons—Four, No. 344AN, Size 7⅞x2⅞ inches.
 One Set in a Box, with Screws.



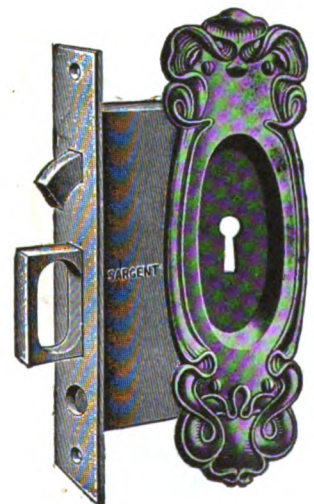
Nos. 3539 and 3540.



Nos. 1539 to 2540.



Nos. 539 and 540.



Nos. 4539 to 5540.

HF—HAVEN DESIGN

Cuts Third Size.

Wrought Bronze and Steel.

CYLINDER FRONT DOOR SETS

Wrought Bronze.

No. 3541—Old Brass, Relieved, OE Finish.....\$16.00
 Lock—No. 6845P, 5½ x 4 inch Japanned Iron Case, 2¾ inch Backset, 7¾ x 1¼ inch Adjustable Protected Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Oxidized German Silver Keys, Changes Unlimited.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. 1523HF, Size 2¼ inches, ¾ inch Swivel Spindle.

Escutcheons—Outside No. 7876HF, Size 10¾ x 2¾ inches. Inside No. 7855HF, Size 8¼ x 2⅞ inches, with Cast Bronze Thumb Knob.

One Set in a Box, with Screws.

BIT KEYED FRONT DOOR SETS

Wrought Steel.

No. 1541—Old Brass, Relieved, OE Finish.....\$3.75
 Lock—No. 6341, 4¾ x 3½ inch Japanned Iron Case, 2¾ inch Backset, 6¾ x 1 inch Bronze Plated Cast Iron Front, Cast Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Tumbler, 36 Changes, 3 Nickel Steel Keys.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. 1343HF, Size 2¼ inches, ⅝ inch Swivel Spindle.

Escutcheons—Outside No. 367HF, Size 10¾ x 2¾ inches. Inside No. 347HF, Size 8¼ x 2⅞ inches.

Wrought Bronze.

No. 2541—Old Brass, Relieved, OE Finish.....\$6.00
 Lock, Knobs and Escutcheons—Same as Above, but Wrought Bronze.

One Set in a Box, with Screws.

INSIDE DOOR SETS

Wrought Steel.

No. 541—Old Brass, Relieved, OE Finish.....\$12.00
 Lock—No. 5161, 3½ x 3¼ inch Japanned Iron Case, 2½ inch Backset, 5¼ x ⅞ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Free Acting Latch Bolt, Reversible, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. 1342HF, Size 2¼ inches, ⅝ inch Straight Spindle.

Escutcheons—Two, No. 345HF, Size 8¼ x 2⅞ inches. One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Wrought Steel.

For Single Doors.

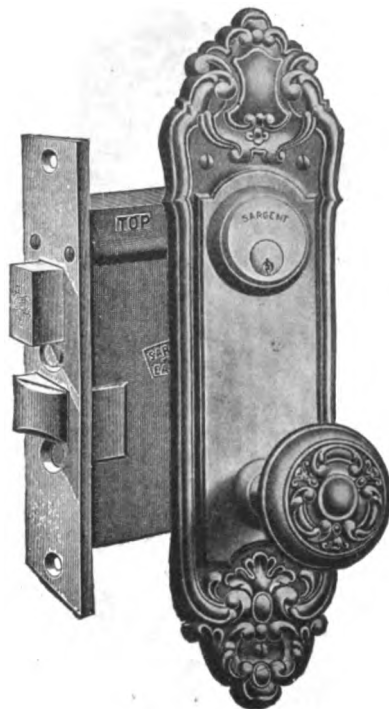
No. 4541—Old Brass, Relieved, OE Finish.....\$3.25
 Lock—No. 6961, Flat Front, 5¼ x 3¾ inch Japanned Iron Case, 7¾ x 1 inch Steel Front and Strike, Bronze Bolt and Pull, Reversible for Doors of Either Hand, 1 Brass Key, for Doors 1¼ to 2¾ inches Thick.
 Escutcheons—Two, No. 344HF, Size 8¼ x 2⅞ inches.

For Double Doors.

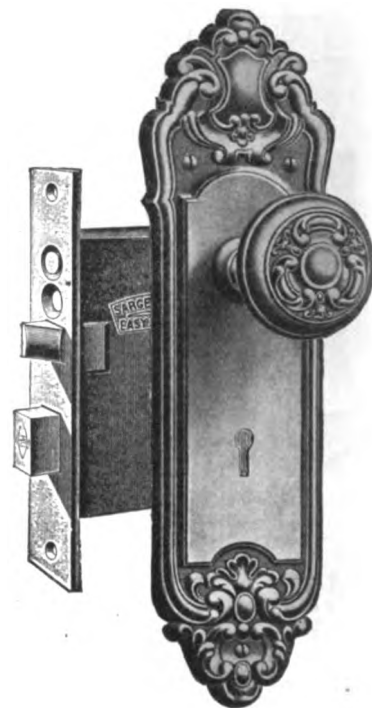
No. 5541—Old Brass, Relieved, OE Finish.....\$4.50
 Lock—No. 6962, for Double Doors, Otherwise Same as No. 6961.

Escutcheons—Four, No. 344HF, Size 8¼ x 2⅞ inches. Weight Per Set 4 Pounds.

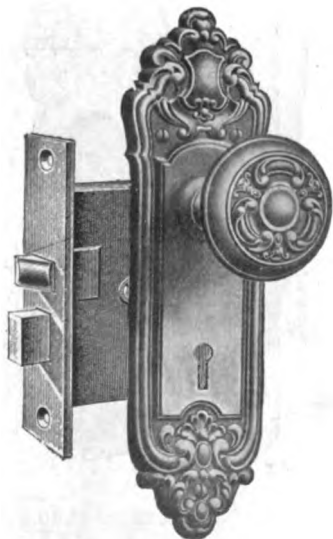
One Set in a Box, with Screws.



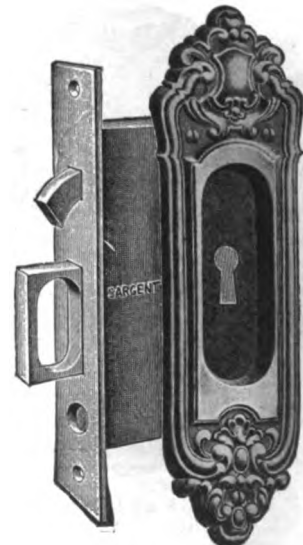
No. 3541.



Nos. 1541 and 2541.



No. 541.



Nos. 4541 and 5541.

OXFORD DESIGN

Cuts Third Size.

Wrought Bronze and Steel.

CYLINDER FRONT DOOR SETS

Wrought Bronze.

Per Set

No. 3542—Antique Copper, Polished, AB Finish..\$16.00

No. 3543—Old Brass, Relieved, OE Finish..... 16.00

Lock—No. 440, 5x3 $\frac{3}{4}$ inch Japanned Iron Case, 2 $\frac{3}{4}$ inch Backset, 7x1 $\frac{1}{2}$ inch Cast Bronze Front, Heavy Cast Bronze Bolts, **Easy Spring Latch Bolt, Reversible**, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. 38002 $\frac{1}{2}$, Size 2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ inches, $\frac{3}{8}$ inch Swivel Spindle.

Escutcheons—Outside No. C38005, Size 10x3 inches, Inside No. 38103 $\frac{1}{2}$ TP, Size 7x2 $\frac{3}{8}$ inches, with Thumb Knob.

One Set in a Box, with Screws.

BIT KEYED FRONT DOOR SETS

Wrought Steel.

Per Set

No. 1542—Antique Copper, Polished, AB Finish..\$3.75

No. 1543—Old Brass, Relieved, OE Finish..... 3.75

Lock—No. P451, 5x3 $\frac{3}{4}$ inch Japanned Iron Case, 2 $\frac{3}{4}$ inch Backset, 7 $\frac{1}{4}$ x 1 $\frac{1}{16}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, **Easy Spring Latch Bolt, Reversible**, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch by Same Key from Outside.

Knobs—No. P38002 $\frac{1}{4}$, Size 2x2 $\frac{1}{4}$ inches, $\frac{5}{16}$ inch Swivel Spindle.

Escutcheons—Outside No. P38004, Size 10x3 inches, Inside No. P3802, Size 7x2 $\frac{3}{8}$ inches, with Thumb Knob.

Wrought Bronze.

Per Set

No. 2542—Antique Copper, Polished, AB Finish..\$6.00

No. 2543—Old Brass, Relieved, OE Finish..... 6.00

Lock, Knobs and Escutcheons—Same as Above, but Wrought Bronze.

One Set in a Box, with Screws.

INSIDE DOOR SETS

Per Dozen Sets

No. 542—Antique Copper, Polished, AB Finish..\$12.00

No. 543—Old Brass, Relieved, OE Finish..... 12.00

Lock—No. P610, 3 $\frac{3}{4}$ x 3 $\frac{3}{8}$ inch Japanned Iron Case, 2 $\frac{3}{8}$ inch Backset, 5 $\frac{1}{4}$ x $\frac{7}{8}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, **Easy Spring Latch Bolt, Reversible**, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. P38002 $\frac{1}{4}$, Size 2 $\frac{1}{4}$ inches, $\frac{5}{16}$ inch Straight Spindle.

Escutcheons—Two, No. P38103 $\frac{1}{2}$, Size 7x2 $\frac{3}{8}$ inches.

One Set in a Box, with Screws.

SLIDING DOOR SETS

Wrought Steel.

For Single Doors.

Per Set

No. 4542—Antique Copper, Polished, AB Finish..\$3.25

No. 4543—Old Brass, Relieved, OE Finish..... 3.25

Lock—No. P532, Flat Front, 5x3 $\frac{3}{8}$ inch Japanned Iron Case, 2 $\frac{1}{4}$ inch Backset, Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, **Reversible**, 1 Cast Brass Adjustable Key, for Doors 1 $\frac{1}{4}$ to 2 $\frac{1}{4}$ inches Thick.

Escutcheons—Two, No. P38102, Size 6x2 $\frac{1}{2}$ inches.

For Double Doors.

Per Set

No. 5542—Antique Copper, Polished, AB Finish..\$4.50

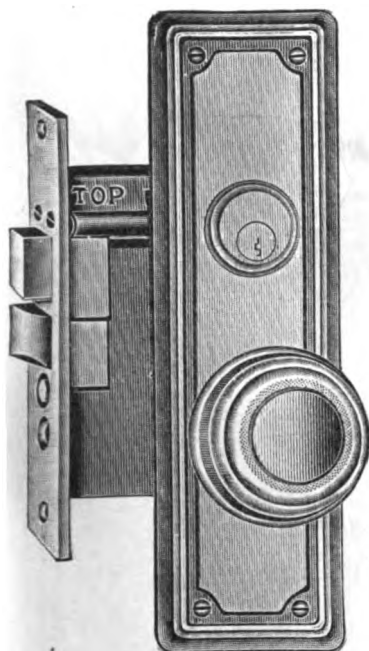
No. 5543—Old Brass, Relieved, OE Finish..... 4.50

Lock—No. P533, for Double Doors, Otherwise Same as No. P532.

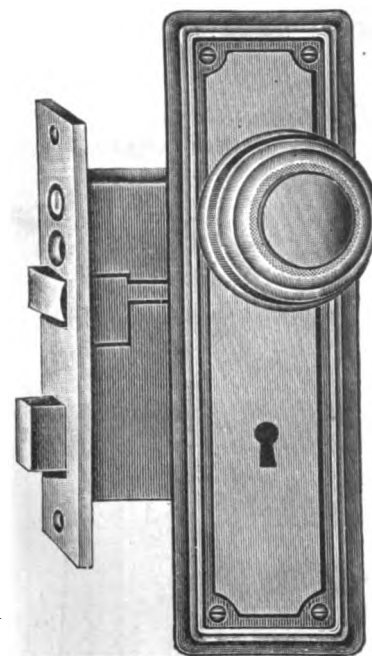
Escutcheons—Four, No. P38102, Size 6x2 $\frac{1}{2}$ inches.

Weight Per Set 4 Pounds.

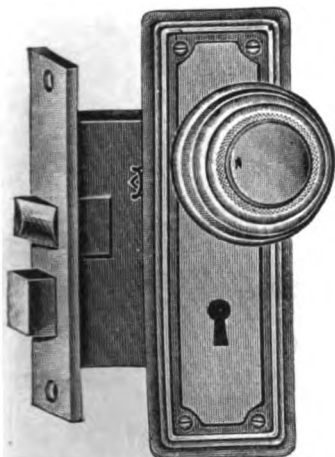
One Set in a Box, with Screws.



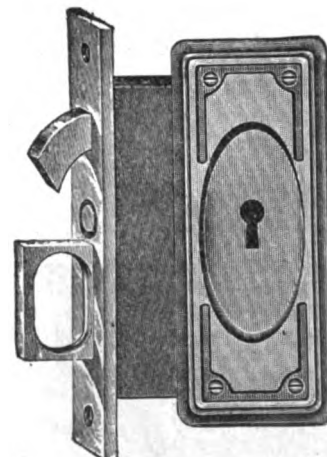
Nos. 3542 and 3543.



Nos. 1542 and 2543.



Nos. 542 and 543.



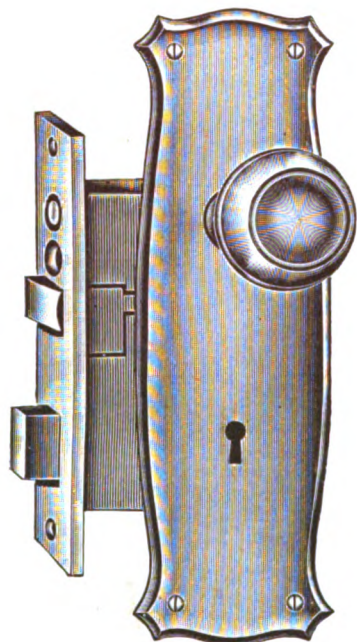
Nos. 4542 to 5543.

MAYFAIR DESIGN

Cuts Third Size.

Wrought Steel.

BIT KEYED FRONT DOOR SETS



Per Set

- No. 1545—Antique Copper, Polished, AB Finish.....\$3.75
 No. 1546—Old Brass, Polished, OB Finish..... 3.75
 No. 1547—Antique Brass, Sanded, RD Finish..... 3.75

Lock—No. P451, 5x3 $\frac{3}{4}$ inch Japanned Iron Case, 2 $\frac{3}{4}$ inch Backset, 7 $\frac{1}{2}$ x1 $\frac{1}{8}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

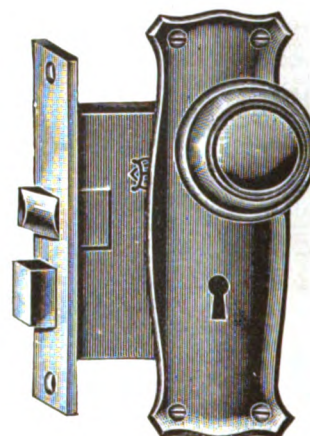
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. P36002 $\frac{1}{4}$, Size 2 $\frac{1}{4}$ inches, $\frac{1}{8}$ inch Swivel Spindle.

Escutcheons—Outside No. P36004, Size 10x3 $\frac{1}{8}$ inches, Inside No. P36103 $\frac{1}{2}$, Size 7x2 $\frac{3}{8}$ inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS



Per Dozen Sets

- No. 545—Antique Copper, Polished, AB Finish.....\$12.00
 No. 546—Old Brass, Polished, OB Finish..... 12.00
 No. 547—Antique Brass, Sanded, RD Finish..... 12.00

Lock—No. P451, 3 $\frac{3}{4}$ x3 $\frac{3}{8}$ inch Japanned Iron Case, 2 $\frac{3}{8}$ inch Backset, 5 $\frac{1}{4}$ x $\frac{7}{8}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolt, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Knobs—No. P36002 $\frac{1}{4}$, Size 2 $\frac{1}{4}$ inches, $\frac{1}{8}$ inch Straight Spindle.

Escutcheons—Two, No. P36103 $\frac{1}{2}$, Size 7x2 $\frac{3}{8}$ inches.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

For Single Doors.

Per Set

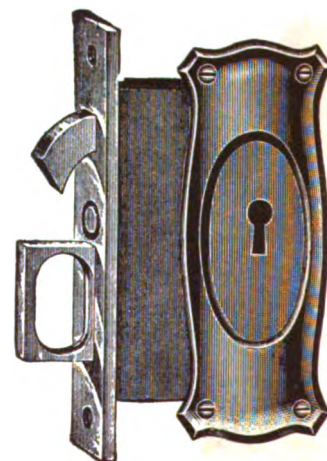
- No. 4545—Antique Copper, Polished, AB Finish.....\$3.25
 No. 4546—Old Brass, Polished, OB Finish..... 3.25
 No. 4547—Antique Brass, Sanded, RD Finish..... 3.25
Lock—No. P532, 5x3 $\frac{5}{8}$ inch Japanned Iron Case, 2 $\frac{1}{4}$ inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 $\frac{1}{4}$ to 2 $\frac{3}{4}$ inches Thick.
Escutcheons—Two, No. P36102, Size 6 $\frac{1}{2}$ x2 $\frac{1}{2}$ inches.

For Double Doors.

Per Set

- No. 5545—Antique Copper, Polished, AB Finish.....\$4.50
 No. 5546—Old Brass, Polished, OB Finish..... 4.50
 No. 5547—Antique Brass, Sanded, RD Finish..... 4.50
Lock—No. P533, 5x3 $\frac{5}{8}$ inch Japanned Iron Case, 2 $\frac{1}{4}$ inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 $\frac{1}{4}$ to 2 $\frac{3}{4}$ inches Thick.
Escutcheons—Four, No. P36102, Size 6 $\frac{1}{2}$ x2 $\frac{1}{2}$ inches.

One Set in a Box, with Screws.

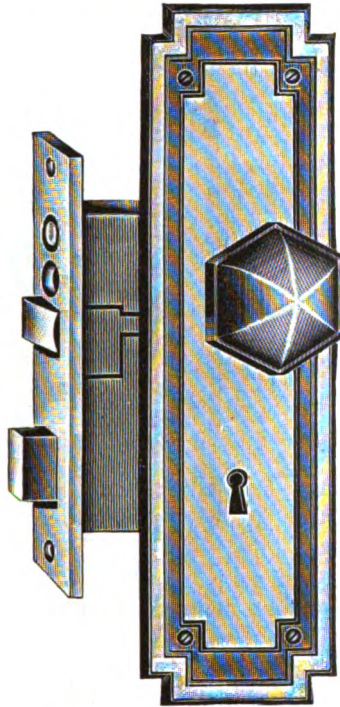


IONIAN DESIGN

Cuts Third Size.

Wrought Steel.

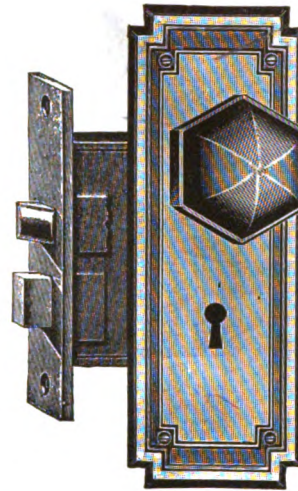
BIT KEYED FRONT DOOR SETS



- No. 1548—Antique Brass, Sanded, RD Finish.....\$3.75
 Lock—No. P451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 1/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolt, **Easy Spring** Latch Bolt, **Reversible**, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.
 • **Operated**—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside, and Both Dead Bolt and Latch Bolt by Same Key from Outside.
 Knobs—No. P47002 1/4, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
 Escutcheons—Outside No. P46004, Size 11x3 inches, Inside No. P46103 1/2, Size 7 1/2 x 2 5/8 inches.
 One Set in a Box, with Screws.

Per Set

INSIDE DOOR SETS



- No. 548—Antique Brass, Sanded, RD Finish.....\$12.00

Per Dozen Sets

Lock—No. P610, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 7/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, **Easy Spring** Latch Bolt, **Reversible**, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. P47002 1/4, Size 2 1/4 inches, 1/8 inch Straight Spindle.

Escutcheons—Two, No. P46103 1/2, Size 7 1/2 x 2 5/8 inches.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

For Single Doors.

- No. 4548—Antique Brass, Sanded, RD Finish.....\$3.25
 Lock—No. P532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, **Reversible**, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.
 Escutcheons—Two, No. P46102, Size 7 1/2 x 2 5/8 inches.

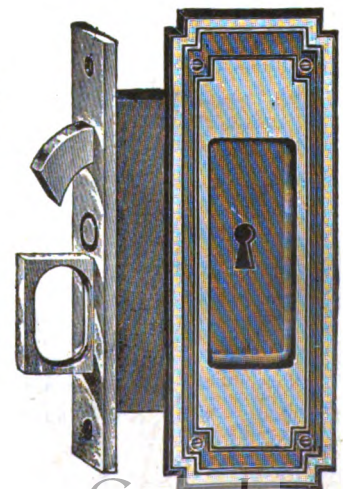
Per Set

For Double Doors.

- No. 5548—Antique Brass, Sanded, RD Finish.....\$4.50
 Lock—No. P533, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolts and Pulls, **Reversible**, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.
 Escutcheons—Four, No. P46102, Size 7 1/2 x 2 5/8 inches.

Per Set

One Set in a Box, with Screws.

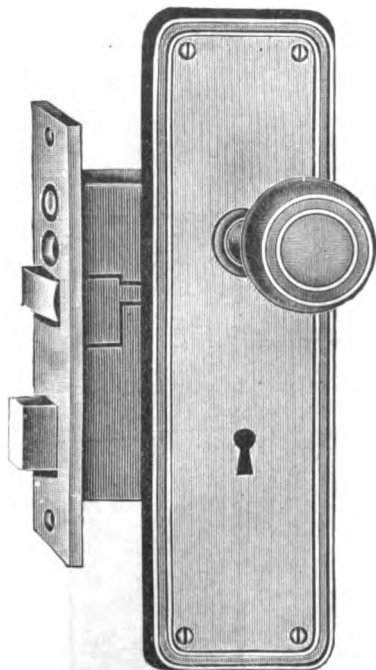


SUPERIOR DESIGN

Cuts Third Size.

Wrought Steel.

BIT KEYED FRONT DOOR SETS



No. 1549—Antique Brass, Sanded, RD Finish.....**\$3.75** Per Set

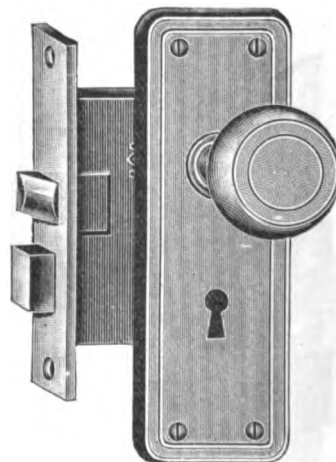
Lock—No. P451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/2 x 1 1/4 inch Bronze Plated Front, Iron Bolt, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. PN56002 1/4. Seamless, Size 2 1/4 inches.

Escutcheons—Outside No. P56004, Size 10 1/2 x 3 inches, Inside No. P56103 1/2, Size 7 1/4 x 2 1/2 inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS



No. 549—Antique Brass, Sanded, RD Finish.....**\$12.00** Per Dozen Sets

Lock—No. P610, 3 3/4 x 3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/4 x 3/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Cast Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. PN56002 1/4, Seamless, Size 2 1/4 inches.

Escutcheons—Two, No. P56103 1/2, Size 7 1/4 x 2 1/2 inches.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

For Single Doors.

No. 4549—Antique Brass, Sanded, RD Finish.....**\$3.25** Per Set

Lock—No. P532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Two, No. P56102, Size 7 1/4 x 2 1/2 inches.

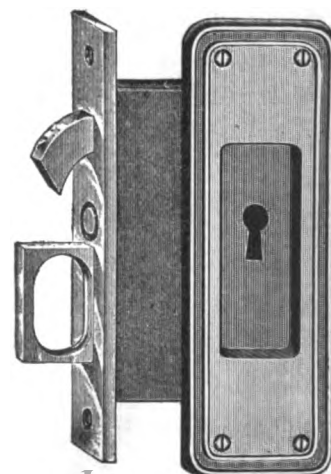
For Double Doors.

No. 5549—Antique Brass, Sanded, RD Finish.....**\$4.50** Per Set

Lock—No. P533, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Four, No. P56102, Size 7 1/4 x 2 1/2 inches.

One Set in a Box, with Screws.

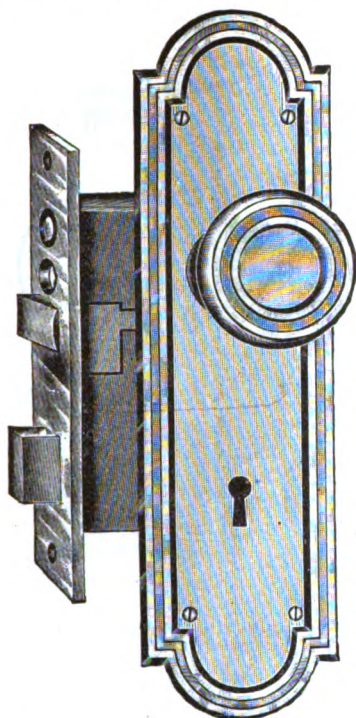


CAMDEN DESIGN

Cuts Third Size.

Wrought Steel.

BIT KEYED FRONT DOOR SETS



Per Set

No. 1550—Antique Brass, Sanded, RD Finish.....\$3.75

Lock—No. P451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 1/8 inch Bronzed Plated Wrought Steel Front, Bronze Plated Iron Bolts, **Easy Spring** Latch Bolt, **Reversible**, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

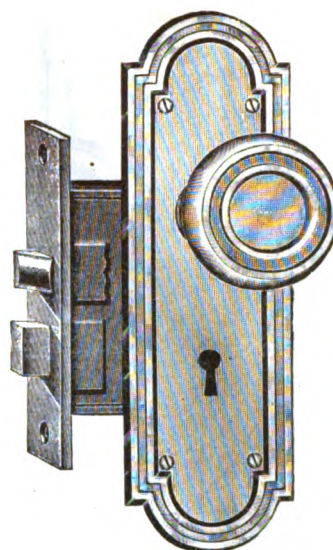
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside, and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. PN52004 1/2, Seamless, Size 2 1/4 inches, 1/8 inch Swivel Spindle.

Escutcheons—Outside No. 52004, Size 11x3 inches, Inside No. P52103 1/2, Size 8 1/2 x 2 5/8 inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS



Per Dozen Sets

No. 550—Antique Brass, Sanded, RD Finish.....\$12.00

Lock—No. P610, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 7/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, **Easy Spring** Latch Bolt, **Reversible**, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. PN52002 1/4, Seamless, Size 2 1/4 inches, 1/8 inch Straight Spindle.

Escutcheons—Two, 8 1/2 x 2 5/8 inches.

One-twelfth Dozen in a Box, with Screws.

SLIDING DOOR SETS

For Single Doors.

Per Set

No. 4550—Antique Brass, Sanded, RD Finish.....\$3.25

Lock—No. P532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolts and Pull, **Reversible**, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Two, No. P52102, Size 8 1/2 x 2 5/8 inches.

For Double Doors.

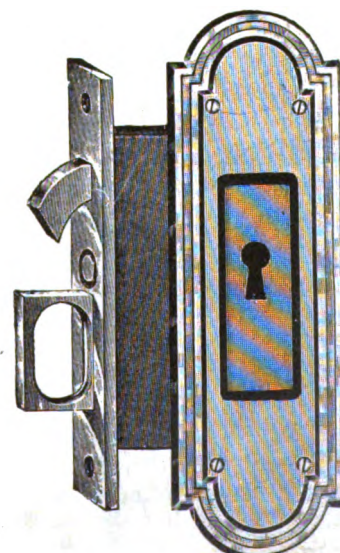
Per Set

No. 5550—Antique Brass, Sanded, RD Finish.....\$4.50

Lock—No. P533, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolts and Pull, **Reversible**, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Four, No. P52102, Size 8 1/2 x 2 5/8 inches.

One Set in a Box, with Screws.



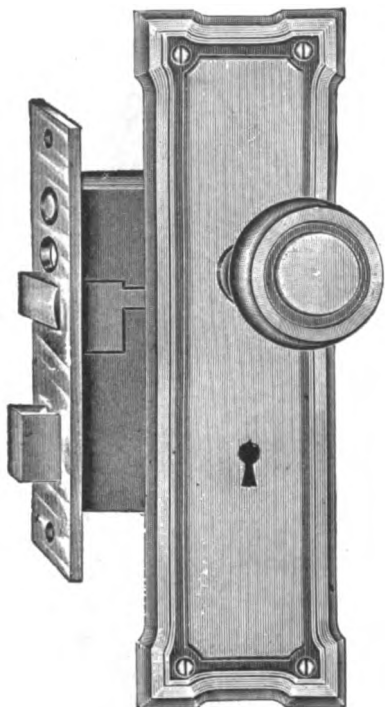
Nos. 4550 and 5550.

KENWOOD DESIGN

Cuts Third Size.

Wrought Steel.

BIT KEYED FRONT DOOR SETS



Per Set

No. 1552—Antique Copper, Polished, AB Finish.....\$3.75

No. 1553—Antique Brass, Sanded, RD Finish..... 3.75

Lock—No. P451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 3/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

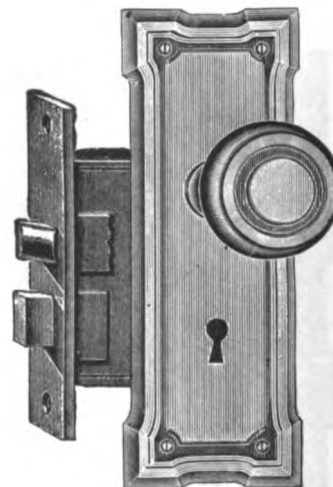
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. P50002 1/4, Size 2 1/4 inches, 3/8 inch Swivel Spindle.

Escutcheons—Outside No. P50004, Size 11x3 1/4 inches, Inside No. P50103 1/2, Size 7 1/2 x 2 5/8 inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS



Per Dozen Sets

No. 552—Antique Copper, Polished, AB Finish.....\$12.00

No. 553—Antique Brass, Sanded, RD Finish..... 12.00

Lock—No. P610, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/4 x 7/8 inch Bronze Plated Wrought Steel Front, Bronzed Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. P50002 1/4, Size 2 1/4 inches, 3/8 inch Straight Spindle.

Escutcheons—Two, No. P50103 1/2, Size 7 1/2 x 2 5/8 inches.

One Set in a Box, with Screws.

SLIDING DOOR SETS

For Single Doors.

Per Set

No. 4552—Antique Copper, Polished, AB Finish.....\$3.25

No. 4553—Antique Brass, Sanded, RD Finish..... 3.25

Lock—No. P532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Two, No. P50102, Size 7 1/2 x 2 5/8 inches.

One Set in a Box, with Screws.

For Double Doors.

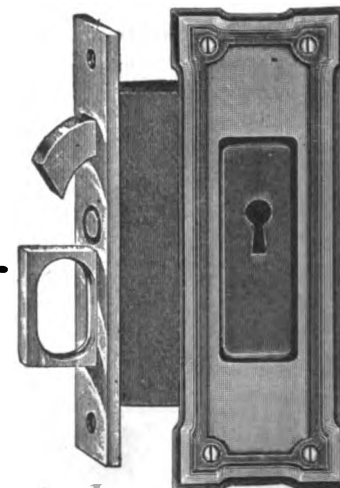
Per Set

No. 5552—Antique Copper, Polished, AB Finish.....\$4.50

No. 5553—Antique Brass, Sanded, RD Finish..... 4.50

Lock—No. P533, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pulls, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

One Set in a Box, with Screws.

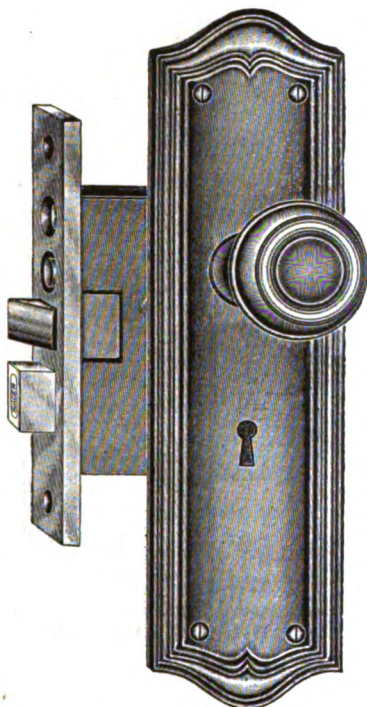


ELGIN DESIGN

Cuts Third Size.

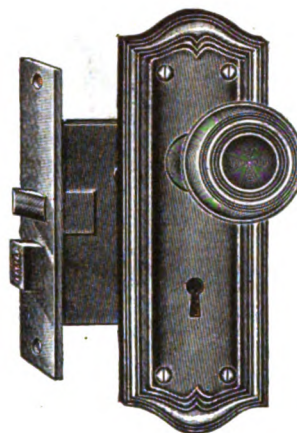
Wrought Steel.

BIT KEYED FRONT DOOR SETS



- Per Set
 No. 1554—Antique Copper, Polished, AB Finish.....\$3.75
 No. 1555—Antique Brass, Sanded, RD Finish..... 3.75
 Lock—No. 1472E, $4\frac{1}{4} \times 3\frac{5}{8}$ inch Japanned Iron Case, $2\frac{3}{4}$ inch Backset, $6\frac{1}{2} \times 1\frac{1}{8}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Cast Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Steel Tumbler, 12 Changes, 2 Nickel Plated Forged Steel Keys.
 Knobs—Size $2\frac{1}{4}$ inches, $\frac{1}{8}$ inch Swivel Spindle.
 Escutcheons—Outside, Size 11×3 inches, inside, Size $7\frac{1}{2} \times 2\frac{1}{2}$ inches.
 One Set in a Box, with Screws.

INSIDE DOOR SETS



- Per Dozen Sets
 No. 554—Antique Copper, Polished, AB Finish.....\$12.00
 No. 555—Antique Brass, Sanded, RD Finish..... 12.00
 Lock—No. 1066, $3\frac{1}{2} \times 3\frac{3}{8}$ inch Japanned Iron Case, $2\frac{3}{4}$ inch Backset, $5 \times \frac{7}{8}$ inch Bronze Plated Wrought Steel Front, Bronze Plated Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Iron Tumbler, 12 Changes, 1 Nickel Plated Steel Key.
 Knobs—Size $2\frac{1}{4}$ inches, $\frac{1}{8}$ inch Straight Spindle.
 Escutcheons—Two, Size $7\frac{1}{2} \times 2\frac{1}{2}$ inches.
 One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

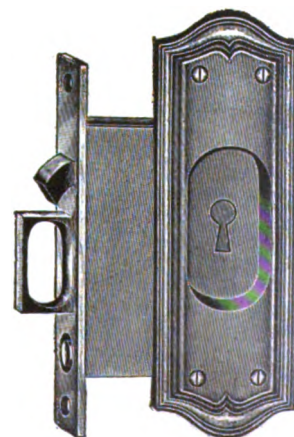
For Single Doors.

- Per Set
 No. 4554—Antique Copper, Polished, AB Finish\$3.25
 No. 4555—Antique Brass, Sanded, RD Finish 3.25
 Lock—No. 3100E, $4\frac{3}{8} \times 3\frac{3}{4}$ inch Japanned Iron Case, $2\frac{1}{2}$ inch Backset, $6\frac{3}{8} \times 1\frac{1}{8}$ inch Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Bronze Extension Key, for Doors $1\frac{1}{4}$ to $2\frac{3}{4}$ inches Thick.
 Escutcheons—Two, Size $7\frac{1}{2} \times 2\frac{1}{2}$ inches.

For Double Doors.

- Per Set
 No. 5554—Antique Copper, Polished, AB Finish\$4.50
 No. 5555—Antique Brass, Sanded, RD Finish 4.50
 Lock—No. 3102E, $4\frac{3}{8} \times 3\frac{3}{4}$ inch Japanned Iron Case, $2\frac{1}{2}$ inch Backset, $6\frac{3}{8} \times 1\frac{1}{8}$ inch Wrought Steel Front, Cast Bronze Bolts and Pulls, Reversible, 1 Bronze Extension Key, for Doors $1\frac{1}{4}$ to $2\frac{3}{4}$ inches Thick.
 Escutcheons—Four, Size $7\frac{1}{2} \times 2\frac{1}{2}$ inches.

One Set in a Box, with Screws.



LENOX DESIGN

Cuts Third Size.

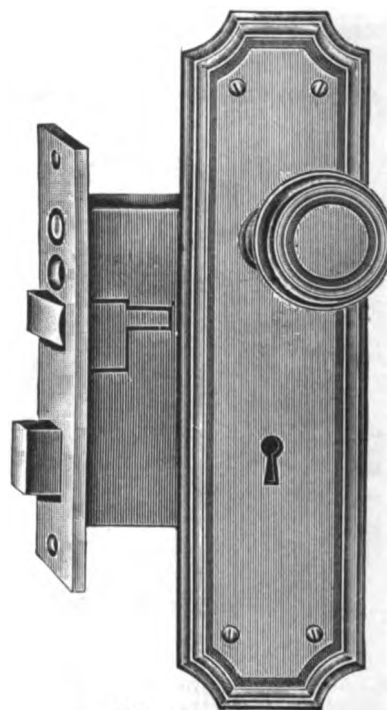
CYLINDER FRONT DOOR SETS

Wrought Bronze and Steel.

BIT KEYED FRONT DOOR SETS



Wrought Bronze.



Wrought Steel.

- No. 3556—Antique Copper, Polished, AB Finish.....\$16.00 Per Set
 No. 3557—Old Brass, Relieved, OE Finish..... 16.00

Lock—No. 440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/2 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. 44002 1/2, Size 2 1/2 x 2 1/4 inches, 3/8 inch Swivel Spindle.

Escutcheons—Outside No. C44005, Size 11x3 inches, Inside No. 44103 1/2, Size 7 1/2 x 2 1/2 inches, with Thumb Knob.

One Set in a Box, with Screws.

- No. 1556—Antique Copper, Polished, AB Finish.....\$3.75 Pera Set
 No. 1557—Old Brass, Relieved, OB Finish..... 3.75

Lock—No. P451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/2 x 1 1/8 inch Bronze Plated Wrought Steel Front, Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. P4400 1/2 inch, Size 2 1/4 inches, 3/8 inch Swivel Spindle.

Escutcheons—Outside No. P544004, Size 11x3 inches, Inside No. P44103 1/2, Size 7 1/2 x 2 1/2 inches.

- No. 2556—Antique Copper, Polished, AB Finish.....\$6.00 Pera Set
 No. 2557—Old Brass, Relieved, OE Finish..... 6.00
Lock, Knobs and Escutcheons—Same as Above, but Wrought Bronze.

INSIDE DOOR SETS

Wrought Steel.

Per Dozen Sets

- No. 556—Antique Copper, Polished, AB Finish.....\$12.00
 No. 557—Old Brass, Relieved, OE Finish..... 12.00

Lock—No. P610, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/2 x 1 1/8 inch Bronze Plated Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Knobs—No. P44002 1/4, Size 2 1/4 inches, 1/8 inch Straight Spindle.

Escutcheons—Two, No. P44103 1/2, Size 7 1/2 x 2 1/2 inches.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Wrought Steel.

For Single Doors.

Per Set

- No. 4556—Antique Copper, Polished, AB Finish.....\$3.25
 No. 4557—Old Brass, Relieved, OE Finish..... 3.25

Lock—No. P532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Bronze Plated Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 3/4 to 2 3/4 inches Thick.

Escutcheons—Two, No. P44102, Size 7 1/2 x 2 1/2 inches.

For Double Doors.

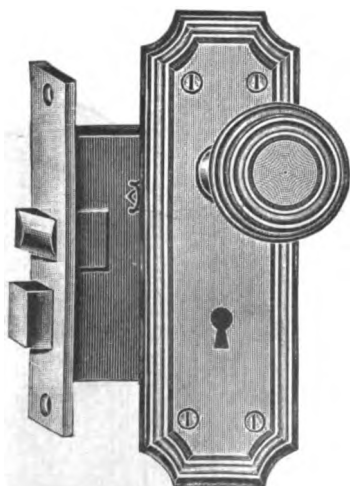
Per Set

- No. 5556—Antique Copper, Polished, AB Finish.....\$4.50
 No. 5557—Old Brass, Relieved, OE Finish..... 4.50

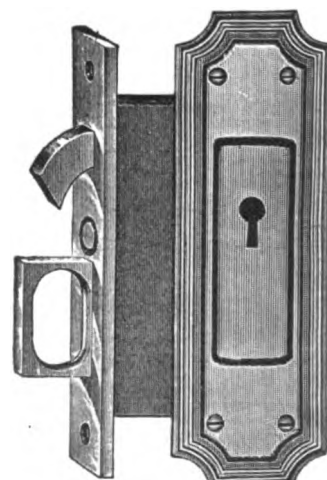
Lock—No. P533, for Double Doors, Otherwise Same as No. P532.

Escutcheons—Two, No. P44102, Size 7 1/2 x 2 1/2 inches.

One Set in a Box, with Screws.



Nos. 556 and 557.



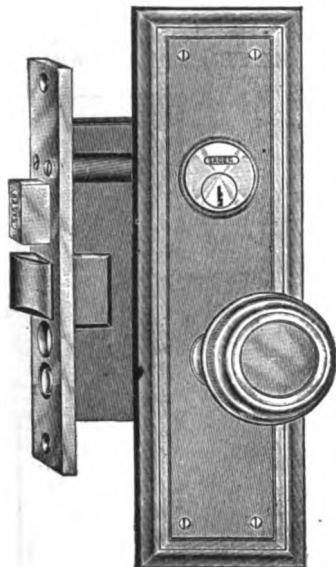
Nos. 4556 and 4557.

ROCKFORD DESIGN

Cuts Third Size.

Wrought Bronze and Steel.

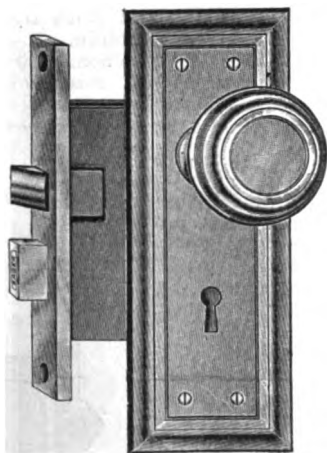
CYLINDER FRONT DOOR SETS



Wrought Bronze.

No. 3558—Antique Brass, Sanded, RD Finish. \$16.00
 Lock—No. 7070, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/4 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, Cast Bronze Cylinder, 3 Gold Plated Bow Keys, Changes Unlimited.
 Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
 Knobs—No. 69 1/4 x 35, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
 Escutcheons—Outside No. 12335, Size 10x3 inches, Inside No. 12435, Size 6 7/8 x 2 1/2 inches, with Thumb Knob.
 One Set in a Box, with Screws.

INSIDE DOOR SETS



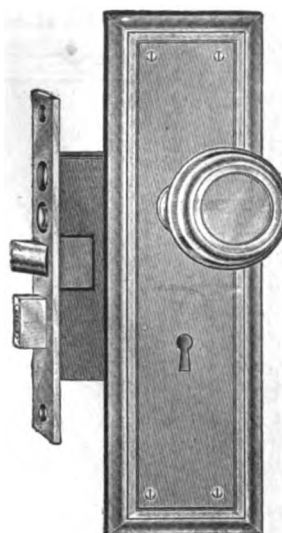
Wrought Bronze.

No. 558—Antique Brass, Sanded, RD Finish. \$40.00
 Lock—No. 1067, 3 1/2 x 3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/2 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Iron Tumbler, 12 Changes, 1 Nickel Plated Forged Steel Key.
 Knobs—No. 6935, Size 2 1/4 inches, 3/8 inch Straight Spindle.
 Escutcheons—Two, No. 11335, Size 6 7/8 x 2 1/2 inches.
 Wrought Steel.

No. 558 1/2—Antique Brass, Sanded, RD Finish. \$12.00
 Lock, Knobs and Escutcheons—Same as Above, but Wrought Steel.

One-twelfth Dozen in a Box, with Screws.

BIT KEYED FRONT DOOR SETS

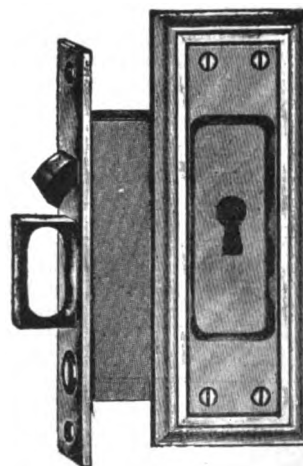


Wrought Bronze.

No. 2558—Antique Brass, Sanded, RD Finish. \$6.00
 Lock—No. 1472, 4 1/4 x 3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 6 1/2 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Steel Tumbler, 12 Changes, 2 Nickel Plated Forged Steel Keys.
 Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
 Knobs—No. 69 1/4 x 35, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
 Escutcheons—Outside No. 11535, Size 10x3 inches, Inside No. 11635, Size 6 7/8 x 2 1/2 inches.

One Set in a Box, with Screws.

SLIDING DOOR SETS



Wrought Steel.

No. 4558—Antique Brass, Sanded, RD Finish. \$3.25
 Lock—No. 3100E, 4 3/8 x 3 3/4 inch Japanned Iron Case, 2 1/2 inch Backset, 6 3/4 x 1 1/8 inch Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Bronze Extension Key, for Doors 1 1/4 to 2 3/4 inches Thick.
 Escutcheons—Two, No. 3235, Size 6 7/8 x 2 1/2 inches.

No. 5558—Antique Brass, Sanded, RD Finish. \$4.50
 Lock—No. 3102E, for Double Doors, Otherwise Same as No. 3100E.

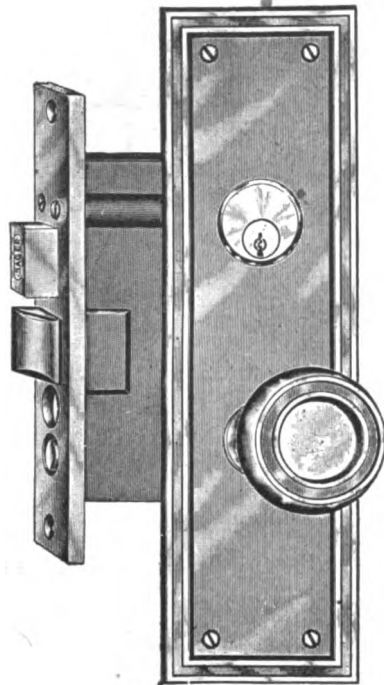
One Set in a Box, with Screws.

BRISTOL DESIGN

Cuts Third Size.

Wrought Bronze and Steel.

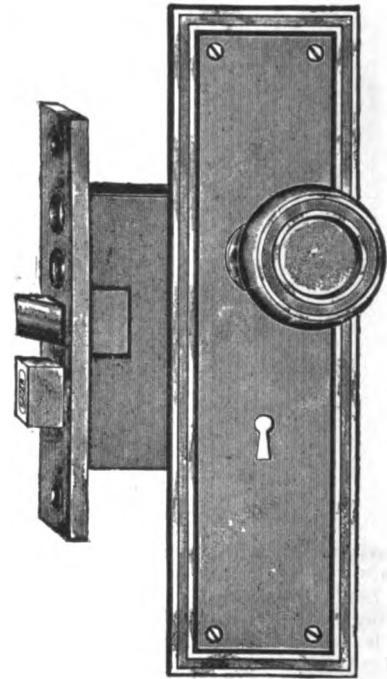
CYLINDER FRONT DOOR SETS



Wrought Bronze.

No. 3559—Antique Brass, Sanded, RD Finish. \$16.00
Lock—No. 7070, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/2 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated Bow Keys, Changes Unlimited.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 065 1/4 37, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
Escutcheons—Outside No. 12337, Size 10 1/2 x3 inches, Inside No. 12437, Size 8x2 1/2 inches, with Thumb Knob.
 One Set in a Box, with Screws.

BIT KEYED FRONT DOOR SETS



Wrought Bronze.

No. 2559—Antique Brass, Sanded, RD Finish. \$6.00
Lock—No. 1472, 4 1/4 x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 6 1/2 x1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Steel Tumbler, 12 Changes, 2 Nickel Plated Forged Steel Keys.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 065 1/4 37, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
Escutcheons—Outside No. 11537, Size 10 1/2 x3 inches, Inside No. 11537, Size 8x2 1/2 inches.
 One Set in a Box, with Screws.

INSIDE DOOR SETS

Wrought Bronze.

Per Dozen Sets

No. 559—Antique Brass, Sanded, RD Finish. \$40.00
Lock—No. 1067, 3 1/2 x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/2 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Iron Tumbler, 12 Changes, 1 Nickel Plated Forged Steel Key.
Knobs—No. 06537, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
Escutcheons—Two, No. 11337, Size 8x2 1/2 inches.

Wrought Steel.

Per Dozen Sets

No. 559 1/2—Antique Brass, Sanded, RD Finish. \$12.00
Lock, Knobs and Escutcheons—Same as Above, but Wrought Steel.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Wrought Steel.

For Single Doors.

Per Set

No. 4559—Antique Brass, Sanded, RD Finish. \$3.25
Lock—No. 3100E, 4 3/4 x3 3/4 inch Japanned Iron Case, 2 1/2 inch Backset, 6 3/4 x1 1/8 inch Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Bronze Extension Key.
Escutcheons—Two, No. 3237E, Size 8x2 1/2 inches.

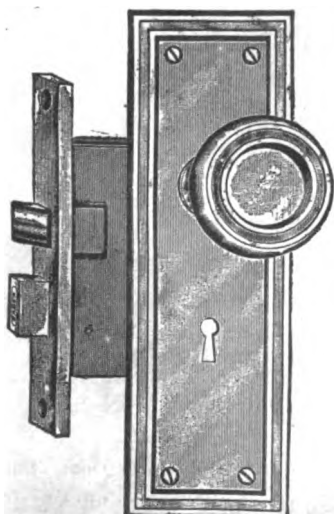
For Double Doors.

Per Set

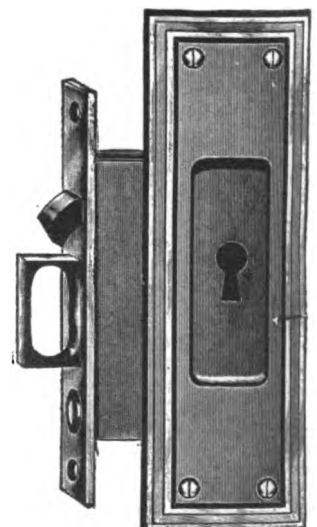
No. 5559—Antique Brass, Sanded, RD Finish. \$4.50
Lock—No. 3102E, for Double Doors, Otherwise Same as No. 3100E.

Escutcheons—Four, No. 3237E, Size 8x2 1/2 inches.

One Set in a Box, with Screws.



No. 559 and 559 1/2.



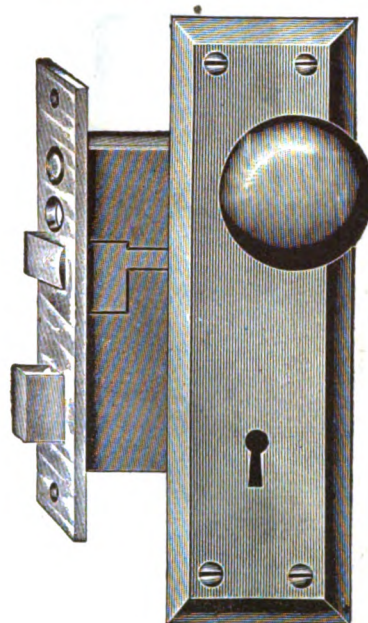
No. 4559 and 5559.

STRATFORD DESIGN

CYLINDER FRONT DOOR SETS

Cuts Third Size.
Wrought Bronze.

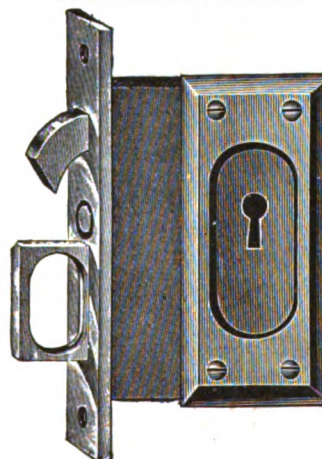
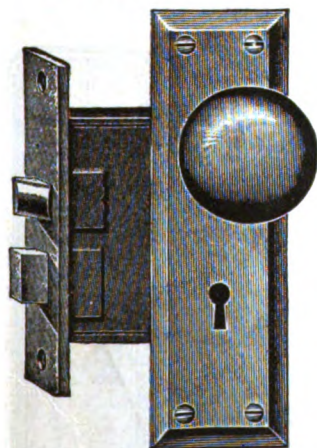
BIT KEYED FRONT DOOR SETS



- Per Set
- No. 3560—Antique Copper, Polished, AB Finish.....\$16.00
 No. 3561—Old Brass, Polished, OB Finish..... 16.00
 No. 3562—Antique Brass, Sanded, RD Finish..... 16.00
- Lock—No. 440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/8 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.
- Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
- Knobs—No. 34002 1/2 x 34002 1/4, Seamless, Size 2 1/2 x 2 1/4 inches, 3/8 inch Swivel Spindle.
- Escutcheons—Outside No. C34005, Size 10x3 inches, Inside No. 34103 1/2 TP, Size 7x2 1/4 inches, with Thumb Knob.
- One Set in a Box, with Screws.

- Per Set
- No. 2560—Antique Copper, Polished, AB Finish.....\$6.00
 No. 2561—Old Brass, Polished, OB Finish..... 6.00
 No. 2562—Antique Brass, Sanded, RD Finish..... 6.00
- Lock—No. 451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.
- Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
- Knobs—34002 1/4, Seamless, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
- Escutcheons—Outside No. A34004, Size 10x3 inches, Inside No. 34103 1/2, Size 7x2 1/4 inches.
- One Set in a Box, with Screws.

INSIDE DOOR SETS



SLIDING DOOR SETS

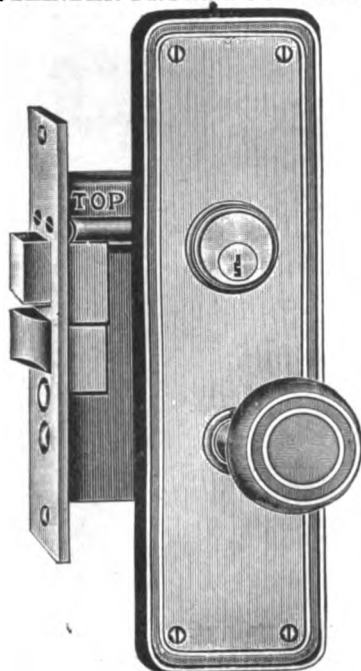
- Per Dozen Sets
- No. 560—Antique Copper, Polished, AB Finish.....\$40.00
 No. 561—Old Brass, Polished, OB Finish..... 40.00
 No. 562—Antique Brass, Sanded, RD Finish..... 40.00
- Lock—No. 710, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 7 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.
- Knobs—No. 34002 1/4, Seamless, Size 2 1/4 inches, 1/8 inch Straight Spindle.
- Escutcheons—Two, No. 34103 1/2, Size 7x2 1/4 inches.
- One-twelfth Dozen Sets in a Box, with Screws.

- For Single Doors.
- Per Set
- No. 4560—Antique Copper, Polished, AB Finish.....\$4.50
 No. 4561—Old Brass, Polished, OB Finish..... 4.50
 No. 4562—Antique Brass, Sanded, RD Finish..... 4.50
- Lock—No. 0532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Wrought Bronze Front, Cast Bronze Bolt and Pull, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.
- Escutcheons—Two, No. 34102, Size 6x2 1/2 inches.
- For Double Doors.
- Per Set
- No. 5560—Antique Copper, Polished, AB Finish.....\$7.00
 No. 5561—Old Brass, Polished, OB Finish..... 7.00
 No. 5562—Antique Brass, Sanded, RD Finish..... 7.00
- Lock—No. 0533, for Double Doors, Otherwise Same as No. 0532.
- Escutcheons—Four, No. 34102, Size 6x2 1/2 inches.
- One Set in a Box, with Screws.

SUPERIOR DESIGN

CYLINDER FRONT DOOR SETS

Cuts Third Size.
Wrought Bronze.



No. 3563—Antique Brass, Sanded, RD Finish. \$16.00

Lock—No. 440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/4 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Brass Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.

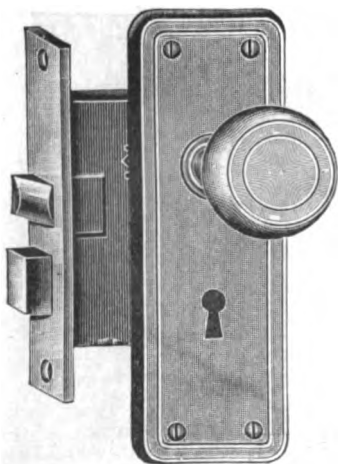
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. N56002 1/4, Seamless, Size 2 1/4 inches, 3/8 inch Swivel Spindle.

Escutcheons—Outside No. C56005, Size 10 1/2 x3 inches, Inside No. 56103 1/2 TP, Size 7 1/4 x2 1/2 inches, with Thumb Knob.

One Set in a Box, with Screws.

INSIDE DOOR SETS



No. 563—Antique Brass, Sanded, RD Finish. \$40.00

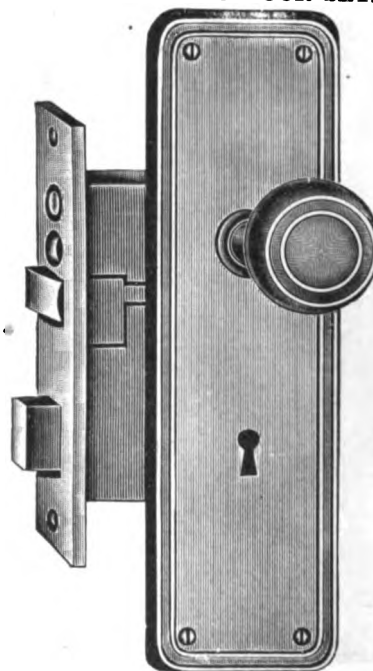
Lock—No. 710, 3 3/4 x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/4 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. N56002 1/4, Seamless, Size 2 1/4 inches, 3/8 inch Straight Spindle.

Escutcheons—No. 56103 1/2, Size 7 1/4 x2 1/2 inches.

One-twelfth Dozen Sets in a Box, with Screws.

BIT KEYED FRONT DOOR SETS



No. 2563—Antique Brass, Sanded, RD Finish. \$6.00

Lock—No. 451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/4 x1 1/4 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

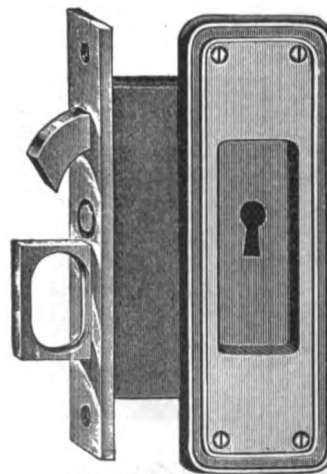
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. N56002 1/4, Seamless, Size 2 1/4 inches, 3/8 inch Swivel Spindle.

Escutcheons—Outside No. 56004, Size 10 1/2 x3 inches, Inside No. 56103 1/2, Size 7 1/4 x2 1/2 inches.

One Set in a Box, with Screws.

SLIDING DOOR SETS



For Single Doors.

No. 4563—Antique Brass, Sanded, RD Finish. \$4.50

Lock—No. 0532, 5x3 3/4 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Wrought Bronze Front, Cast Bronze Bolt and Pull, Reversible, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Four, No. 56102, Size 7 1/4 x2 1/2 inches.

For Double Doors.

No. 5563—Antique Brass, Sanded, RD Finish. \$7.00

Lock—No. 0533, for Double Doors, Otherwise Same as No. 0532.

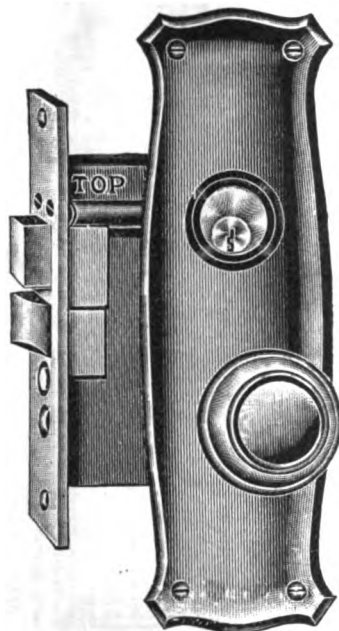
Escutcheons—Four, No. 56102, Size 7 1/4 x2 1/2 inches.

One Set in a Box, with Screws.

MAYFAIR DESIGN

Cuts Third Size.
Wrought Bronze.

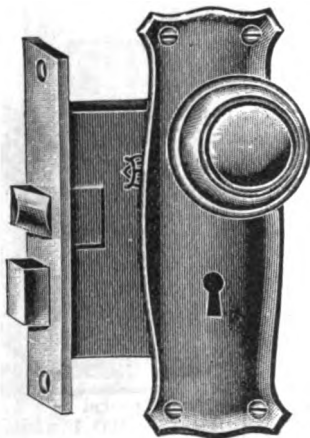
CYLINDER FRONT DOOR SETS



- Per Set
- No. 3564—Antique Copper, Polished, AB Finish.....\$16.00
- No. 3565—Old Brass, Polished, OB Finish..... 16.00
- No. 3566—Antique Brass, Sanded, RD Finish..... 16.00
- Lock—No. 440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/2 inch Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited. Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
- Knobs—No. 36002 1/2 x 36002 1/4, Size 2 1/2 x 2 1/4 inches, 1/8 inch Swivel Spindle.
- Escutcheons—Outside No. C36005, Size 10x3 1/2 inches, Inside No. 36103 1/2 TP, Size 7x2 3/8 inches, with Thumb Knob.

One Set in a Box, with Screws.

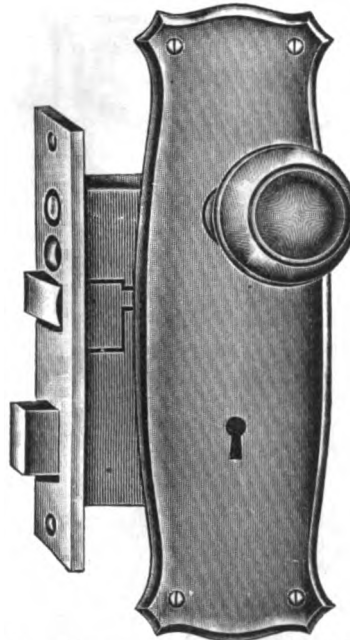
INSIDE DOOR SETS



- Per Dozen Sets
- No. 564—Antique Copper, Polished, AB Finish.....\$40.00
- No. 565—Old Brass, Polished, OB Finish..... 40.00
- No. 566—Antique Brass, Sanded, RD Finish..... 40.00
- Lock—No. 710, 3 3/4 x 3 1/4 inch Japanned Iron Case, 2 3/4 inch Backset, 5 1/4 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.
- Knobs—No. 36002 1/4, Size 2 1/4 inches, 1/8 inch Straight Spindle.
- Escutcheons—Two, No. 36103 1/2, Size 7x2 3/8 inches.

One-twelfth Dozen Sets in a Box, with Screws.

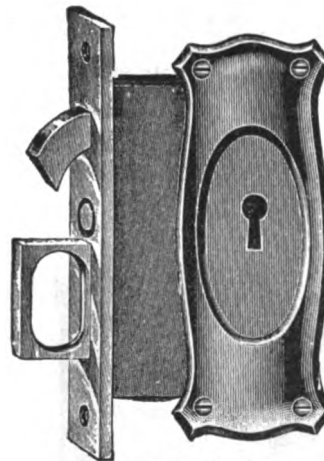
BIT KEYED FRONT DOOR SETS



- Per Set
- No. 2564—Antique Copper, Polished, AB Finish.....\$6.00
- No. 2565—Old Brass, Polished, OB Finish..... 6.00
- No. 2566—Antique Brass, Sanded, RD Finish..... 6.00
- Lock—No. 451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/2 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.
- Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
- Knobs—No. 36002 1/4, Size 2 1/4 inches, 1/8 inch Swivel Spindle.
- Escutcheons—Outside No. A36004, Size 10x3 1/2 inches, Inside No. 36103 1/2, Size 7x2 3/8 inches.

One Set in a Box, with Screws.

SLIDING DOOR SETS



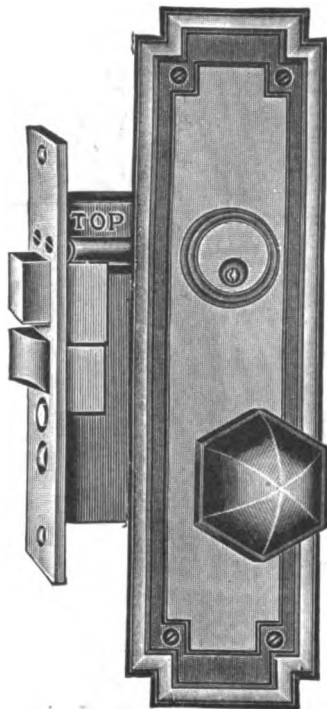
- For Single Doors.
- Per Set
- No. 4564—Antique Copper, Polished, AB Finish.....\$4.50
- No. 4565—All Brass, Polished, OB Finish..... 4.50
- No. 4566—Antique Brass, Sanded, RD Finish..... 4.50
- Lock—No. 0532, 5x3 3/4 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Wrought Bronze Front, Cast Bronze Bolt and Pull, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.
- Escutcheons—Two, No. 36102, Size 6 1/2 x 2 1/2 inches.
- For Double Doors.
- Per Set
- No. 5564—Antique Copper, Polished, AB Finish.....\$7.00
- No. 5565—Old Brass, Polished, OB Finish..... 7.00
- No. 5566—Antique Brass, Sanded, RF Finish..... 7.00
- Lock—No. 0533, for Double Doors, Otherwise Same as No. 0532.

One Set in a Box, with Screws.

IONIAN DESIGN

Cuts Third Size.
Wrought Bronze.

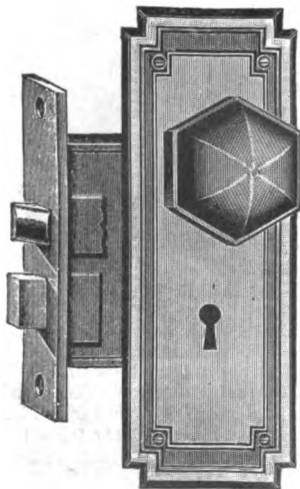
CYLINDER FRONT DOOR SETS



No. 3567—Antique Brass, Sanded, RD Finish. \$16.00
Lock—No. 440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/2 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 47002 1/4, Size 2 1/4 inches, 3/8 inch Swivel Spindle.
Escutcheons—Outside No. C46005, Size 11x3 inches, Inside No. 46103 1/2 TP, Size 7 1/2 x 2 5/8 inches, with Thumb Knob.
 One Set in a Box, with Screws.

Per Set

INSIDE DOOR SETS

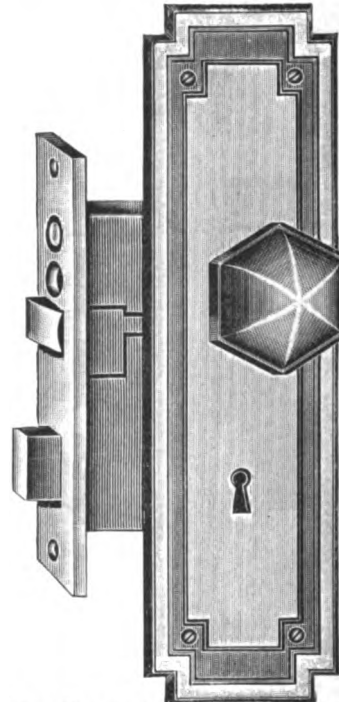


No. 567—Antique Brass, Sanded, RD Finish. \$40.00
Lock—No. 710, 3 3/4 x 3 3/4 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.
Knobs—No. 47002 1/4, Size 2 1/4 inches, 3/8 inch Straight Spindle.
Escutcheons—Two, No. 46103 1/2, Size 7 1/2 x 2 5/8 inches.

Per Dozen Sets

One-twelfth Dozen Sets in a Box, with Screws.

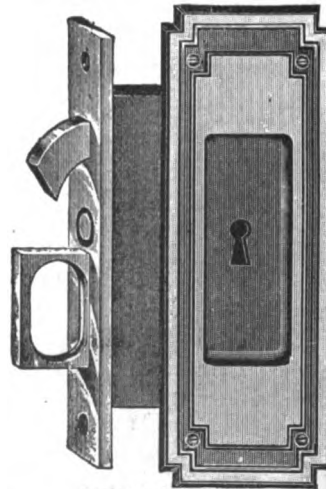
BIT KEYED FRONT DOOR SETS



No. 2567—Antique Brass, Sanded, RD Finish. \$6.00
Lock—No. 451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/2 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 47002 1/4, Size 2 1/4 inches, 3/8 inch Swivel Spindle.
Escutcheons—Outside No. 46004, Size 11x3 inches, Inside No. 46103 1/2, Size 7 1/2 x 2 5/8 inches.
 One Set in a Box, with Screws.

Per Set

SLIDING DOOR SETS



No. 4567—Antique Brass, Sanded, RD Finish. \$4.50
Lock—No. 0532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Wrought Bronze Front, Cast Bronze Bolt and Pull, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.
Escutcheons—Two, No. 46102, Size 7 1/2 x 2 5/8 inches.

Per Set

For Double Doors.

No. 5567—Antique Brass, Sanded, RD Finish. \$7.00
Lock—No. 0533, for Double Doors, Otherwise Same as No. 0532.
Escutcheons—Four, No. 46102, Size 7 1/2 x 2 5/8 inches.
 One Set in a Box, with Screws.

Per Set

CAMDEN DESIGN

Cuts Third Size.
Wrought Bronze.

CYLINDER FRONT DOOR SETS



No. 3568—Antique Brass, Sanded, RD Finish. \$16.00

Lock—No. 440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/8 inch Heavy Cast Bronze Front, Cast Bronze Bolts, **Easy Spring Latch Bolt, Reversible**, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited.

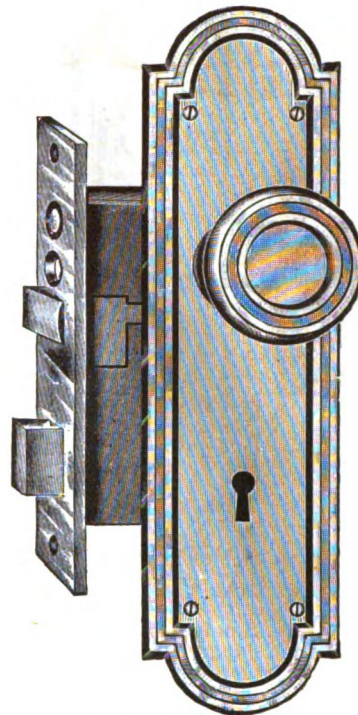
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stops in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. N52002 1/4, Seamless, Size 2 1/4 inches, 3/8 inch Swivel Spindle.

Escutcheons—Outside No. C52005, Size 11x3 inches, Inside No. 52103 1/2 TP, Size 8 1/2 x 2 5/8 inches, with Thumb Knob.

One Set in a Box, with Screws.

BIT KEYED FRONT DOOR SETS



No. 2568—Antique Brass, Sanded, RD Finish. \$6.00

Lock—No. 451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/8 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, **Easy Spring Latch Bolt, Reversible**, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. N52002 1/4, Seamless, Size 2 1/4 inches, 5/16 inch Swivel Spindle.

Escutcheons—Outside No. No. 52004, Size 11x3 inches, Inside No. 52103 1/2, Size 8 1/2 x 2 5/8 inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS

Per Dozen Sets

No. 568—Antique Brass, Sanded, RD Finish. \$40.00

Lock—No. 710, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, **Easy Spring Latch Bolt, Reversible**, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. N52002 1/4, Seamless, Size 2 1/4 inches, 5/16 inch Straight Spindle.

Escutcheons—Two, No. 52103 1/2, Size 8 1/2 x 2 5/8 inches.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

For Single Doors.

Per Set

No. 4568—Antique Brass, Sanded, RD Finish. \$4.50

Lock—No. 0532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Wrought Bronze Front, Cast Bronze Bolts and Pull, **Reversible**, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Two, No. 52102, Size 8 1/2 x 2 5/8 inches.

For Double Doors.

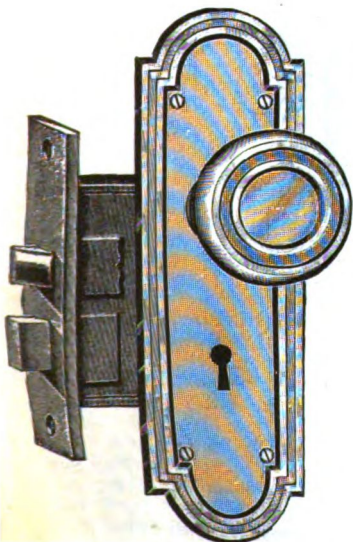
Per Set

No. 5568—Antique Brass, Sanded, RD Finish. \$7.00

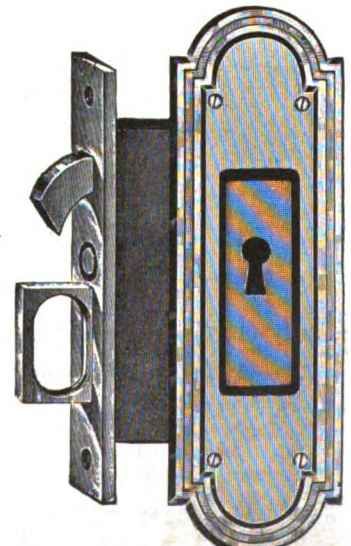
Lock—No. 0533, for Double Doors, Otherwise Same as No. 0532.

Escutcheons—Four, No. 52102, Size 8 1/2 x 2 5/8 inches.

One Set in a Box, with Screws.



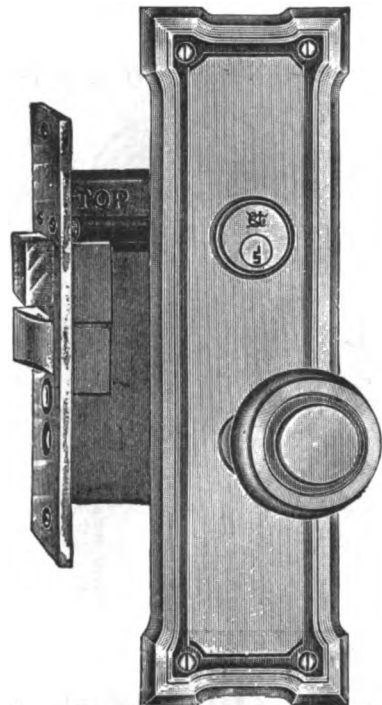
No. 568.



No. 4568 and 5568.

KENWOOD DESIGN

CYLINDER FRONT DOOR SETS



Cuts Third Size.

Wrought Bronze.

Per Set

No. 3569—Antique Copper, Polished, AB Finish.....\$16.00

No. 3570—Antique Brass, Sanded, RD Finish..... 16.00

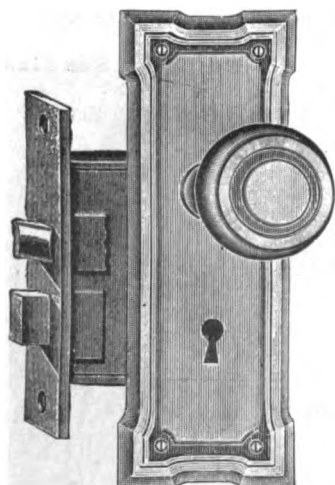
Lock—No. 440, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7x1 1/2 inch Cast Bronze Front, Heavy Cast Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Gold Plated German Silver Keys, Changes Unlimited. Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock. Dead Bolt by Thumb Knob from Inside, both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. 50002 1/2 x 50002 1/4, Size 2 1/2 x 2 1/4 inches, 3/8 inch Swivel Spindle.

Escutcheons—Outside No. C50005, Size 11x3 1/4 inches, Inside No. 50103 1/2 TP, Size 7 1/2 x 2 3/4 inches, with Thumb Knob.

One Set in a Box, with Screws.

INSIDE DOOR SETS



Per Dozen Sets

No. 569—Antique Copper, Polished, AB Finish.....\$40.00

No. 570—Antique Brass, Sanded, RD Finish..... 40.00

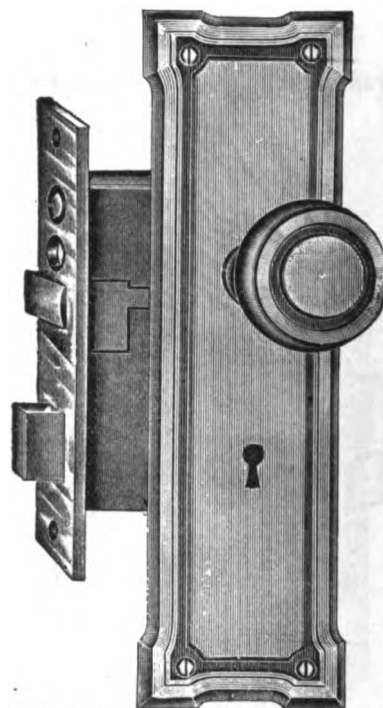
Lock—No. 710, 3 3/4 x 3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/4 x 3/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. 50002 1/4, Size 2 1/4 inches, 1/8 inch Straight Spindle.

Escutcheons—Two, No. 50103 1/2, Size 7 1/2 x 2 3/4 inches.

One-twelfth Dozen in a Box, with Screws.

BIT KEYED FRONT DOOR SETS



Per Set

No. 2569—Antique Copper, Polished, AB Finish.....\$6.00

No. 2570—Antique Brass, Sanded, RD Finish..... 6.00

Lock—No. 451, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/4 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Steel Tumbler, 12 Changes, 2 Nickel Plated Steel Keys.

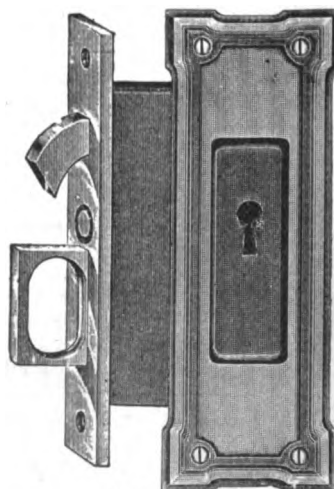
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and both Dead Bolt and Latch Bolt by Same Key from Outside.

Knobs—No. 50002 1/4, Size 2 1/4 inches, 1/8 inch Swivel Spindle.

Escutcheons—Outside No. 50004, Size 11x3 1/4 inches, Inside No. 50103 1/2, Size 7 1/2 x 2 3/4 inches, with Thumb Knob.

One Set in a Box, with Screws.

SLIDING DOOR SETS



For Single Doors.

Per Set

No. 4569—Antique Copper, Polished, AB Finish.....\$4.50

No. 4570—Antique Brass, Sanded, RD Finish..... 4.50

Lock—No. 0532, 5x3 5/8 inch Japanned Iron Case, 2 1/4 inch Backset, 7x1 inch Wrought Bronze Front, Cast Bronze Bolt and Pull, 1 Cast Bronze Adjustable Key, for Doors 1 1/4 to 2 3/4 inches Thick.

Escutcheons—Two, No. 50102, Size 7 1/2 x 2 3/4 inches.

For Double Doors.

Per Set

No. 5569—Antique Copper, Polished, AB Finish.....\$7.00

No. 5570—Antique Brass, Sanded, RD Finish..... 7.00

Lock—No. 0533, for Double Doors, Otherwise Same as No. 0532.

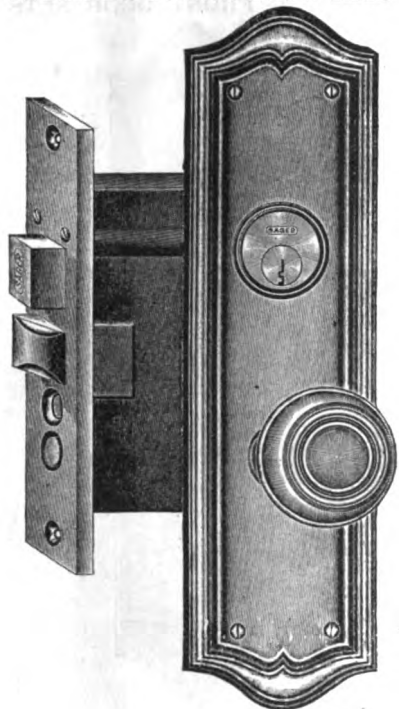
Escutcheons—Four, No. 50102, Size 7 1/2 x 2 3/4 inches.

One Set in a Box, with Screws.

ELGIN DESIGN

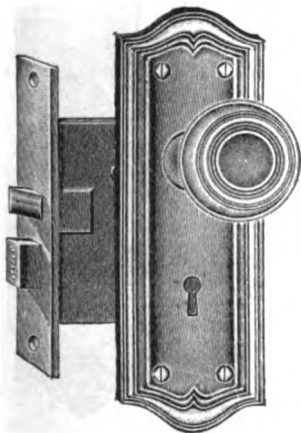
Cuts Third Size.
Wrought Bronze.

CYLINDER FRONT DOOR SETS



Per Set
No. 3571—Antique Copper, Polished, AB Finish.....\$16.00
No. 3572—Antique Brass, Sanded, RD Finish..... 16.00
Lock—No. 7070, 5x3 3/4 inch Japanned Iron Case, 2 3/8 inch Backset, 7x1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder. 3 Gold Plated Bow Keys, Changes Unlimited.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—Size 2 1/4 inches, 5/8 inch Swivel Spindle.
Escutcheons—Outside Size 11x3 inches, Inside Size 7 1/2 x2 1/2 inches, with Thumb Knob.
 One Set in a Box, with Screws.

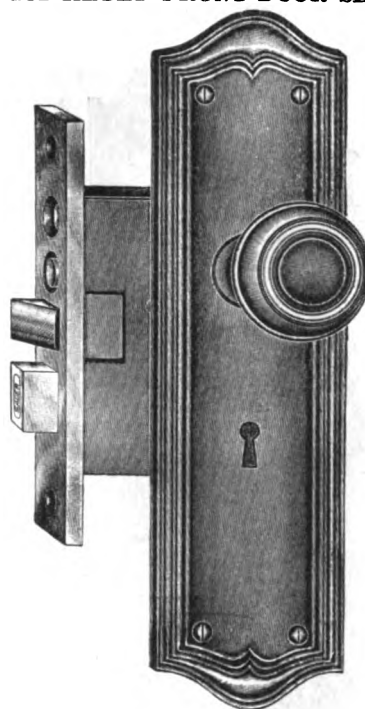
INSIDE DOOR SETS



Per Dozen Sets
No. 571—Antique Copper, Polished, AB Finish.....\$40.00
No. 572—Antique Brass, Sanded, RD Finish..... 40.00
Lock—No. 1067, 3 1/2 x3 3/4 inch Japanned Iron Case, 2 3/8 inch Backset, 5 1/2 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Iron Tumbler, 12 Changes, 1 Nickel Plated Forged Steel Key.
Knobs—Size 2 1/4 inches, 5/8 inch Straight Spindle.
Escutcheons—Two, Size 7 1/2 x2 1/2 inches.

One Dozen Sets in a Box, with Screws.

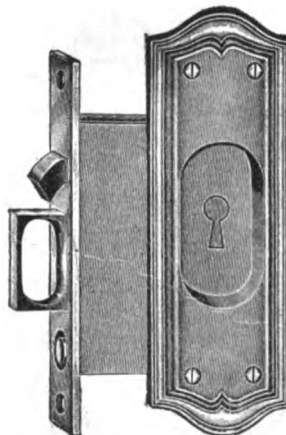
BIT KEYED FRONT DOOR SETS



Per Set
No. 2571—Antique Copper, Polished, AB Finish.....\$6.00
No. 2572—Antique Brass, Sanded, RD Finish..... 6.00
Lock—No. 1472, 4 1/4 x3 3/8 inch Japanned Iron Case, 2 3/4 inch Backset, 6 1/2 x1 1/8 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Steel Tumbler, 12 Changes, 2 Nickel Plated Forged Steel Keys.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—Size 2 1/4 inches, 5/8 inch Swivel Spindle.
Escutcheons—Outside Size 11x3 inches, Inside Size 7 1/2 x2 1/2 inches.

One Set in a Box, with Screws.

SLIDING DOOR SETS

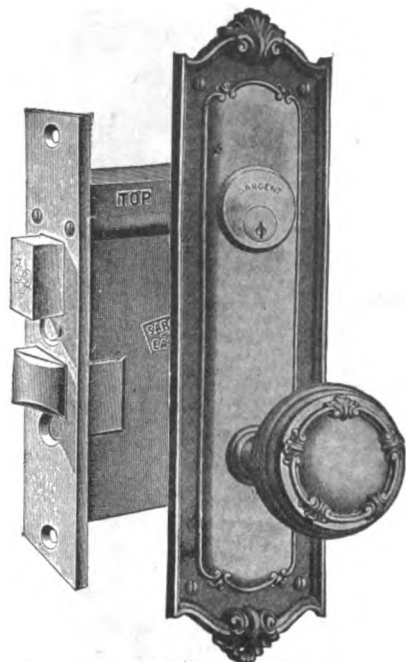


For Single Doors. Per Set
No. 4571—Antique Copper, Polished, AB Finish.....\$4.50
No. 4572—Antique Brass, Sanded, RD Finish..... 4.50
Lock—No. 3100, 4 3/8 x3 3/4 inch Japanned Iron Case, 2 1/2 inch Backset, 6 3/8 x1 1/8 inch Wrought Steel Front, Cast Bronze Bolt and Pull, Reversible, 1 Bronze Extension Key, for Doors 1 1/4 to 2 3/4 inches Thick.
Escutcheons—Two, Size 7 1/2 x2 1/2 inches.
 For Double Doors. Per Set
No. 5571—Antique Copper, Polished, AB Finish.....\$7.00
No. 5572—Antique Brass, Sanded, RD Finish..... 7.00
Lock—No. 3102, for Double Doors, Otherwise Same as No. 3100.
Escutcheons—Four, Size 7 1/2 x2 1/2 inches.
 One Set in a Box, with Screws.

VF—VERNON DESIGN

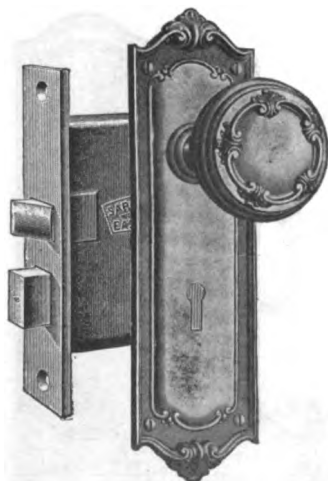
Cuts Third Size.
Cast Bronze.

CYLINDER FRONT DOOR SETS



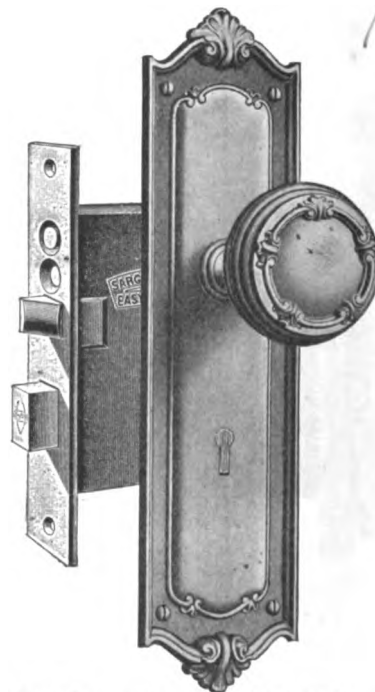
No. 3573—Antique Brass Sanded, RD Finish. \$22.00
Lock—No. 6845P, 5 1/2 x 4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 3/4 x 1 1/4 inch Adjustable Protected Cast Bronze Front, Heavy Cast Bronze Bolts, **Easy Spring Latch Bolt, Reversible**, 1 Cast Bronze Cylinder, 3 Oxidized German Silver Keys, Changes Unlimited.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 1855VF, Size 2 1/2 x 2 1/4 inches, 3/8 inch Swivel Spindle.
Escutcheons—Outside No. 7876VF, Size 10 1/2 x 2 3/4 inches, Inside No. 7855VF, Size 7 1/2 x 2 1/8 inches, with Thumb Knob.
 One Set in a Box, with Screws.

INSIDE DOOR SETS



No. 573—Antique Brass, Sanded, RD Finish. \$65.00
Lock—No. 5164P, 3 1/2 x 3 1/4 inch Japanned Iron Case, 2 1/2 inch Backset, 5 1/4 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, **Free Acting Latch Bolt, Reversible**, 12 Changes, 1 Nickel Plated Steel Key.
Knobs—No. 1852VF, Size 2 1/4 inches, 1/8 inch Straight Spindle.
Escutcheons—Two, No. 845VF, Size 7 1/2 x 2 1/8 inches.
 One-twelfth Dozen Sets in a Box, with Screws.

BIT KEYED FRONT DOOR SETS



No. 2573—Antique Brass, Sanded, RD Finish. \$12.00
Lock—No. 6344P, 4 3/4 x 3 3/4 inch Japanned Iron Case, 2 3/4 inch Backset, 6 7/8 x 1 inch Cast Bronze Front, Cast Bronze Bolts, **Easy Spring Latch Bolt, Reversible**, 1 Wrought Tumbler, 36 Changes, 3 Nickel Plated Steel Keys.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Key from Inside and Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 1855VF, Size 2 1/2 x 2 1/4 inches, 1/8 inch Swivel Spindle.
Escutcheons—Outside No. 867VF, Size 10 1/2 x 2 3/4 inches, Inside No. 847VF, Size 7 1/2 x 2 1/8 inches.
 One Set in a Box, with Screws.

SLIDING DOOR SETS



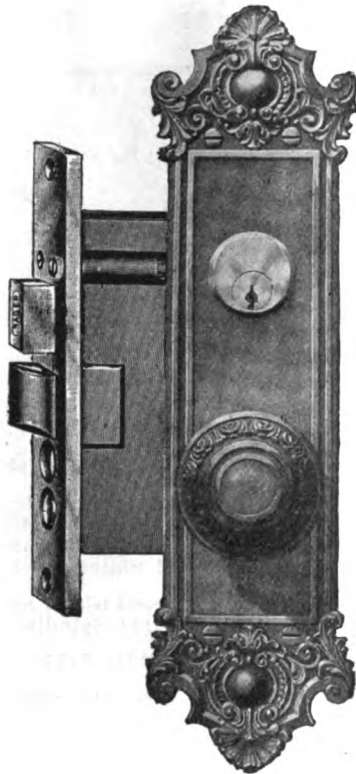
For Single Doors.
No. 4573—Antique Brass, Sanded, RD Finish. \$7.00
Lock—No. 6963P, Flat Front, 5 1/4 x 3 3/4 inch Japanned Iron Case, 2 1/2 inch Backset, 7 1/8 x 1 inch Bronze Front and Strike, Bronze Bolt and Pull, **Reversible**, 1 Brass Key, for Doors 1 1/4 to 2 3/4 inches Thick.
Escutcheons—Two, No. 844VF, Size 7 1/2 x 2 1/8 inches.
For Double Doors.
No. 5573—Antique Brass, Sanded, RD Finish. \$11.50
Lock—No. 6964P, for Double Doors, Otherwise Same as No. 6963P.
Escutcheons—Four, No. 844VF, Size 7 1/2 x 2 1/8 inches.
 One Set in a Box, with Screws.

VITRY DESIGN

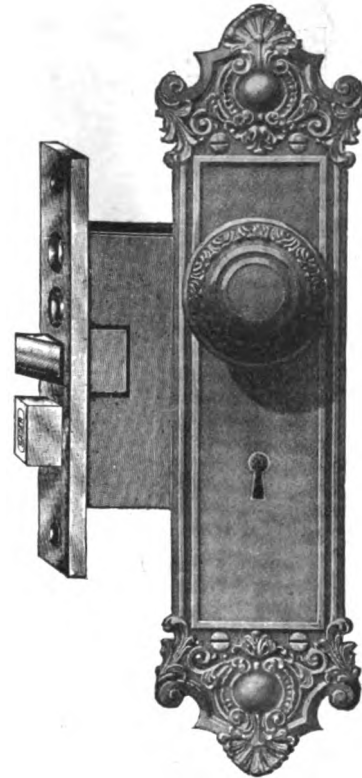
Cuts Third Size.

Cast Bronze.

CYLINDER FRONT DOOR SETS



BIT KEYED FRONT DOOR SETS



No. 3574—Antique Brass, Sanded, RD Finish.....\$22.00
Lock—No. 7070, 5x3 3/4 inch Japanned Iron Case, 2 3/4 inch
Backset, 7x1 1/2 inch Cast Bronze Front, Cast Bronze Bolts,
Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylin-
der, 3 Gold Plated Bow Keys, Changes Unlimited.
Operated—Latch Bolt by Knobs from Either Side, Except
when Outside Knob is Set by Stop in Face of Lock, Dead
Bolt by Thumb Knob from Inside. Both Dead Bolt and
Latch Bolt by Same Key from Outside.
Knobs—No. 65 1/2 83, Size 2 1/2 x 2 1/4 inches, 1/2 inch Swivel
Spindle.
Escutcheons—Outside No. 12383, Size 12x2 1/4 inches, Inside No.
12483, Size 8 1/2 x 2 1/2 inches, with Thumb Knob.

One Set in a Box, with Screws.

No. 2574—Antique Brass, Sanded, RD Finish.....\$12.00
Lock—No. 1472, 4 1/4 x 3 3/4 inch Japanned Iron Case, 2 3/4 inch
Backset, 6 1/2 x 1 1/8 inch Cast Bronze Front, Cast Bronze
Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought
Steel Tumbler, 12 Changes, 2 Nickel Plated Forged Steel
Keys.
Operated—Latch Bolt by Knobs from Either Side, Except
when Outside Knob is Set by Stop in Face of Lock, Dead
Bolt by Key from Inside and Both Dead Bolt and Latch
Bolt by Same Key from Outside.
Knobs—No. 65 1/4 83, Size 2 1/4 x 2 1/4 inches, 1/2 inch Swivel
Spindle.
Escutcheons—Outside No. 11583, Size 12x3 1/4 inches, Inside No.
11683, Size 8 1/2 x 2 1/2 inches.

One Set in a Box, with Screws.

INSIDE DOOR SETS

No. 574—Antique Brass, Sanded, RD Finish.....\$65.00
Lock—No. 1067, 3 1/2 x 3 3/8 inch Japanned Iron Case, 2 3/4 inch
Backset, 5 1/2 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts,
Easy Spring Latch Bolt, Reversible, 1 Cast Iron Tumbler, 12
Changes, 1 Nickel Plated Forged Steel Key.
Knobs—No. 6583, Size 2 1/4 x 2 1/4 inches, 1/2 inch Straight Spindle.
Escutcheons—Two, No. 11383, Size 8 1/2 x 2 1/2 inches.
One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

For Single Doors.

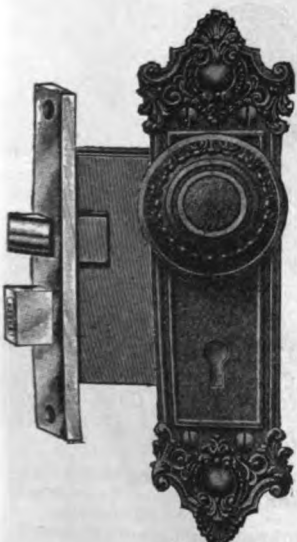
Per Set

No. 4574—Antique Brass, Sanded, RD Finish.....\$7.00
Lock—No. 3100, 4 3/8 x 3 3/4 inch Japanned Iron Case, 2 1/2 inch
Backset, 6 3/8 x 1 1/8 inch Wrought Bronze Front, Cast Bronze
Bolt and Pull, Reversible, 1 Bronze Extension Key, for Doors
1 1/4 to 2 3/4 inches Thick.
Escutcheons—Two, No. 3283, Size 8 1/2 x 2 3/8 inches.

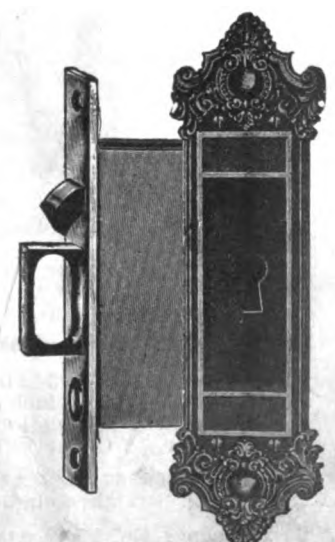
For Double Doors.

Per Set

No. 5574—Antique Brass, Sanded, RD Finish.....\$11.50
Lock—No. 3102, for Double Doors, Otherwise Same as No. 3100.
Escutcheons—Four, No. 3283, Size 8 1/2 x 2 3/8 inches.
One Set in a Box, with Screws.



No. 574.

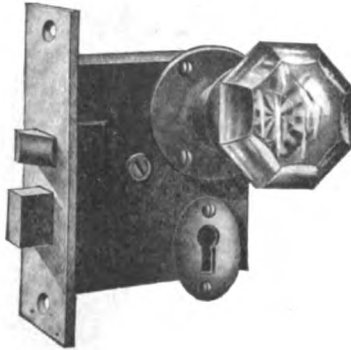


Nos. 4574 and 5574.

GLASS KNOB LOCK SETS

Cuts Third Size.

Wrought Bronze Mountings.



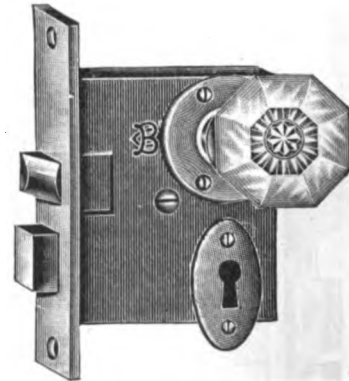
No. 575—Old Brass, Polished, OB Finish.....**\$6.00** Per Set

Lock—No. 5164P, $3\frac{1}{2} \times 3\frac{1}{4}$ inch Japanned Iron Case, $2\frac{1}{2}$ inch Backset, $5\frac{1}{4} \times \frac{7}{8}$ inch Cast Bronze Front, Cast Bronze Bolts, Free Acting Latch Bolt, Reversible, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. 3012, Octagon, Pressed Glass, Size $2\frac{1}{4}$ inch, with 2 inch Roses, $\frac{1}{8}$ inch Adjustable Spindle.

Escutcheons—Two, No. 710P, Size $1\frac{1}{2} \times 1\frac{1}{4}$ inches.

One Set in a Box, with Screws.



No. 576—Old Brass, Polished, OB Finish.....**\$72.00** Per Dozen Sets

No. 577—Antique Brass, Sanded, RD Finish..... **72.00**

Lock—No. 710, $3\frac{3}{4} \times 3\frac{1}{8}$ inch Japanned Iron Case, $2\frac{3}{8}$ inch Backset, $5\frac{1}{4} \times \frac{7}{8}$ inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Iron Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. 310, Octagon, Pressed Glass, Size $2\frac{1}{8}$ inches, with 2 inch Roses, $\frac{1}{8}$ inch Straight Spindle.

Escutcheons—Two, No. 01513, Size $2 \times 1\frac{1}{2}$ inches.

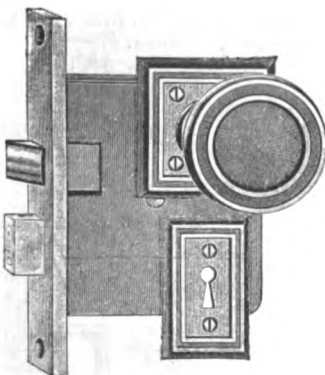
One Set in a Box, with Screws.

SECTIONAL INSIDE DOOR SETS

Cuts Third Size.

Wrought Bronze.

BRISTOL DESIGN



No. 578—Antique Brass, Sanded, RD Finish.....**\$36.00** Per Dozen Sets

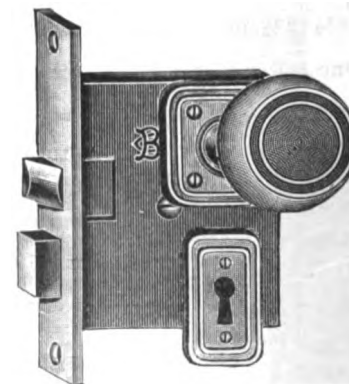
Lock—No. 1067, $3\frac{1}{2} \times 3\frac{1}{8}$ inch Japanned Iron Case, $2\frac{3}{8}$ inch Backset, $5\frac{1}{2} \times \frac{7}{8}$ inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Iron Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. 06537, Size $2\frac{1}{4}$ inches, with $2\frac{1}{8} \times 2\frac{1}{8}$ inch Rose, $\frac{1}{8}$ inch Straight Spindle.

Escutcheons—Two, Size $2\frac{1}{2} \times 1\frac{1}{4}$ inches.

One Set in a Box, with Screws.

SUPERIOR DESIGN



No. 579—Antique Brass, Sanded, RD Finish.....**\$36.00** Per Dozen Sets

Lock—No. 710, $3\frac{3}{4} \times 3\frac{1}{8}$ inch Japanned Iron Case, $2\frac{3}{8}$ inch Backset, $5\frac{1}{4} \times \frac{7}{8}$ inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Iron Tumbler, 12 Changes, 1 Nickel Plated Steel Key.

Knobs—No. N56002 $\frac{1}{4}$, Seamless, Size $2\frac{1}{4}$ inches, with 2×2 inch Roses, $\frac{1}{8}$ inch Straight Spindle.

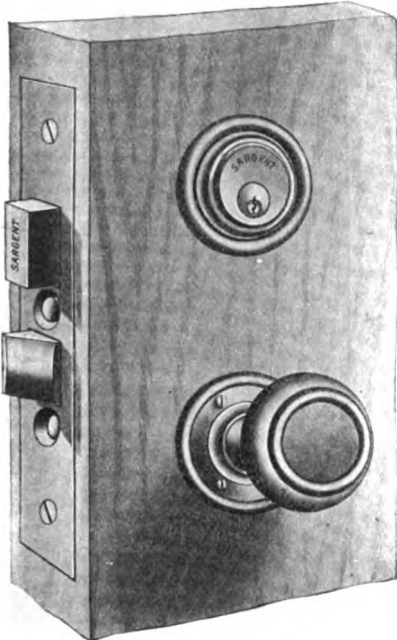
Escutcheons—Two, Size $2\frac{1}{2} \times 1\frac{1}{4}$ inches.

One Set in a Box, with Screws.

CN—NELSON DESIGN

Cuts Third Size.
Wrought Bronze.

CYLINDER FRONT DOOR SETS



No. 8580—Old Brass, Polished, OB Finish.....\$14.00
Lock—No. 6845P, 5½x4 inch Japanned Iron Case, 2¾ inch Backset, 7¾x1¼ inch Adjustable Protected Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Oxidized German Silver Keys, Changes Unlimited.
Operated—Latch Bolt by Knobs from Either Side. Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 1763CN, Size 2¼ inches, ⅝ inch Swivel Spindle.
Cylinder Rosette—Outside, No. 2CN, Size 2¼ inches.
Thumb Knob—Inside, No. 119CN, Size 1¼ inches.
 One Set in a Box, with Screws.

Per Set

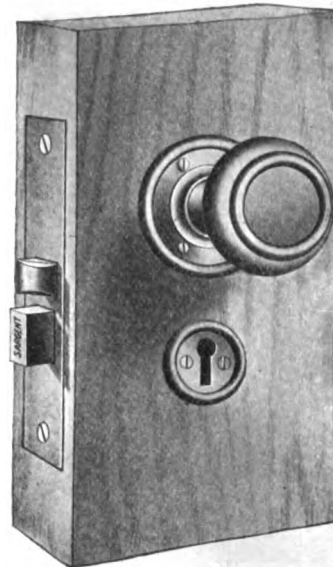
INSIDE DOOR SETS



No. 580½—Old Brass, Polished, OB Finish.....\$6.00
Lock—No. 5164P, 3½x3¼ inch Japanned Iron Case, 2½ inch Backset, 5¼x⅞ inch Cast Bronze Front, Cast Bronze Bolts, Free Acting Latch Bolt, Reversible, 12 Changes, 1 Nickel Plated Steel Key.
Knobs—No. 2012CN, Pressed Glass, Size 2¼ inches, ⅝ inch Straight Spindle.
Escutcheons—Two, No. 870CN, Size 1¼ inches.
 One Set in a Box, with Screws.

Per Set

INSIDE DOOR SETS

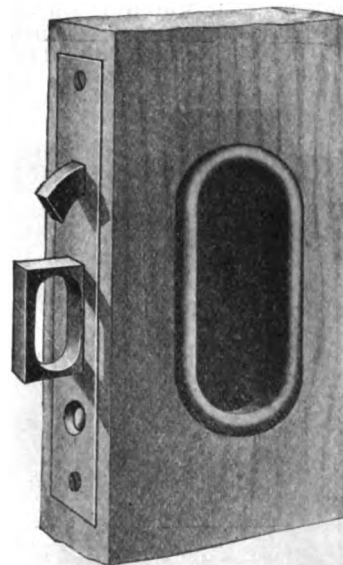


Per Dozen Sets

No. 580—Old Brass, Polished, OB Finish.....\$36.00
Lock—No. 5164P, 3½x3¼ inch Japanned Iron Case, 2½ inch Backset, 5¼x⅞ inch Cast Bronze Front, Cast Bronze Bolts, Free Acting Latch Bolt, Reversible, 12 Changes, 1 Nickel Plated Steel Key.
Knobs—No. 1762CN, Size 2¼ inches, ⅝ inch Straight Spindle.
Escutcheons—Two, No. 870CN, Size 1¼ inches.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS



For Single Doors.

No. 4580—Old Brass, Polished, OB Finish.....\$3.00
Lock—No. 6963P, Flat Front, 5¼x3¾ inch Japanned Iron Case, 2½ inch Backset, 7¼x1 inch Bronze Front, Bronze Bolt and Pull, Reversible, 1 Brass Key, for Doors 1¼ to 2¼ inches Thick.
Escutcheons—Two, No. 844CN, Size 4¼x2¼ inches.
 Weight Per Set 2 Pounds.

Per Set

For Double Doors.

No. 5580—Old Brass, Polished, OB Finish.....\$4.00
Lock—No. 6964P, for Double Doors, Otherwise Same as No. 6963P.
Escutcheons—Four, No. 844CN, Size 4¼x2¼ inches.
 One Set in a Box, with Screws.

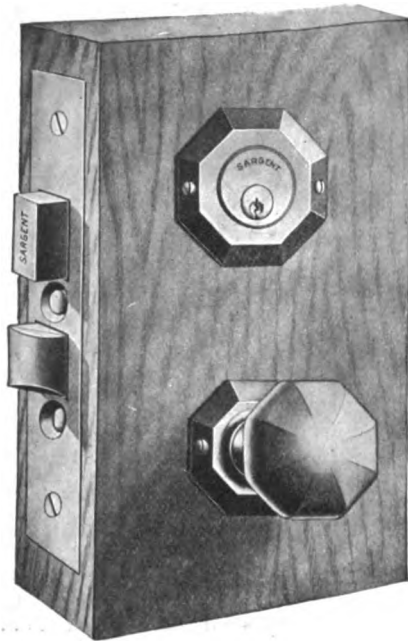
Per Set

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CT—CHATHAM DESIGN

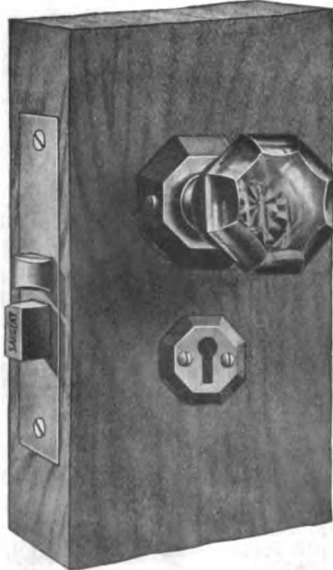
Cuts Third Size.
Wrought Bronze.

CYLINDER FRONT DOOR SETS



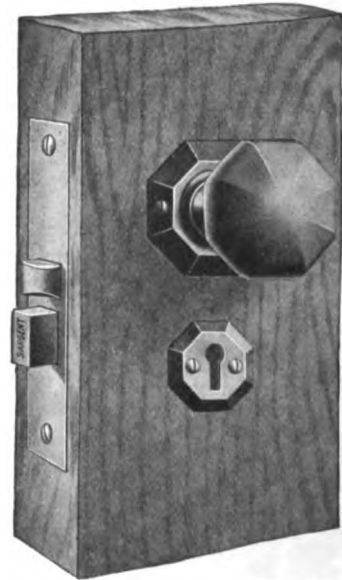
No. 3581—Old Brass, Polished, OB Finish.....\$14.00
Lock—No. 6845P, 5 1/2 x 4 inch Japanned Iron Case, 2 3/4 inch Backset, 7 1/4 x 1 1/4 inch Adjustable Protected Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Cast Bronze Cylinder, 3 Oxidized German Silver Keys, Changes Unlimited.
Operated—Latch Bolt by Knobs from Either Side, Except when Outside Knob is Set by Stop in Face of Lock, Dead Bolt by Thumb Knob from Inside, Both Dead Bolt and Latch Bolt by Same Key from Outside.
Knobs—No. 1763CT, Size 2 1/4 inches, 3/8 inch Swivel Spindle.
Cylinder Rosette—Outside, No. 2CT, Size 2 1/2 inches.
Thumb Knob—Inside, No. 119CT, Size 1 3/8 inches.
 One Set in a Box, with Screws.

INSIDE DOOR SETS



No. 582—Old Brass, Polished, OB Finish.....\$72.00
Lock—No. 5164P, 3 1/2 x 3 1/4 inch Japanned Iron Case, 2 1/2 inch Backset, 5 1/4 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Free Acting Latch Bolt, Reversible, 12 Changes, Nickel Plated Steel Key.
Knobs—No. 2012CT, Pressed Glass, Size 2 1/4 inches, 1/8 inch Straight Spindle.
Escutcheons—Two No. 870TC, Size 1 3/8 inches.
 One Set in a Box, with Screws.

INSIDE DOOR SETS



No. 581—Old Brass, Polished, OB Finish.....\$36.00
Lock—No. 5164P, 3 1/2 x 3 1/4 inch Japanned Iron Case, 2 1/2 inch Backset, 5 1/4 x 7/8 inch Cast Bronze Front, Cast Bronze Bolts, Free Acting Latch Bolt, Reversible, 12 Changes, 1 Nickel Plated Steel Key.
Knobs—No. 1762CT, Size 2 1/4 inches, 1/8 inch Straight Spindle.
Escutcheons—Two, No. 870CT, Size 1 3/8 inches.
 One Set in a Box, with Screws.

SLIDING DOOR SETS

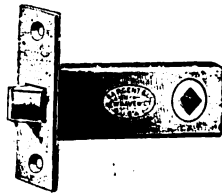
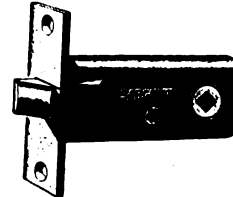


For Single Doors.
No. 4581—Old Brass, Polished, OB Finish.....\$3.00
Lock—No. 6963P, Flat Front, 5 1/4 x 3 3/4 inch Japanned Iron Case, 2 1/2 inch Backset, 7 1/8 x 1 inch Bronze Front, Bronze Bolt and Pull, Reversible, 1 Brass Key, for Doors 1 1/4 to 2 3/4 inches Thick.
Escutcheons—Two, No. 844CT, Size 2 1/2 inches.

For Double Doors.

No. 5581—Old Brass, Polished, OB Finish.....\$4.00
Lock—No. 6964P, for Double Doors, Otherwise Same as No. 6963P.
Escutcheons—Four, No. 844CT, Size 2 1/2 inches.
 One Set in a Box, with Screws.

MORTISE KNOB LATCHES

Cuts Third Size.
REVERSIBLE

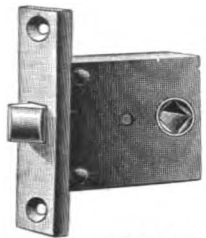
- No. 4610S—1 1/8 x 3 inch Brass Plated Wrought Steel Case, 2 1/2 inch Backset, 2 3/4 x 3/4 inch Brass Plated Wrought Steel Front, Brass Plated Wrought Steel Bolt, Reversible, 3/8 inch Hub. \$2.70
 Weight Per Dozen 4 1/2 Pounds.
 One Dozen in a Box, with Screws.

- No. 4610—1 1/8 x 3 1/8 inch Japanned Iron Case, 2 3/8 inch Backset, 2 3/4 x 3/4 inch Cast Iron Front, Cast Iron Bolt, Reversible, 3/8 inch Hub. \$2.20
 No. 4604—Brass Front and Bolt, Otherwise Same as No. 4610 5.00
 No. AB4614P—1 3/8 x 3 1/8 inch, Antique Copper, AB Finish, Otherwise Same as No. 4604. 6.00
 Weight Per Dozen 5 Pounds.
 One Dozen in a Box, with Screws.

MORTISE LATCHES

Cuts Half Size.

FOR FRENCH WINDOWS AND CABINETS



No. 4609P.

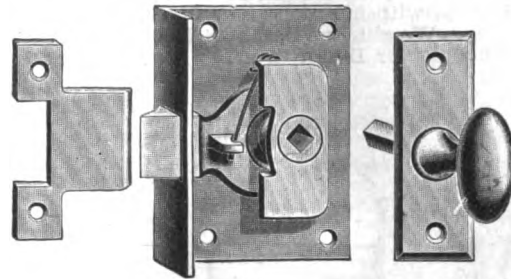


No. 1046MR.

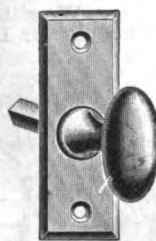
- Per Dozen Sets
 No. AB4609PX1046MR—Antique Copper, Polished, AB Finish \$21.00
 No. OB4609PX1046MR—Old Brass, Polished, OB Finish 21.00
 No. RD4609PX1046MR—Antique Brass, Sanded, RD Finish 21.00
 No. N4609PX1046MR—Nickel Plated, Polished, N Finish 21.00
 Latch—1 3/8 x 1 1/2 inch Case, 1 3/8 inch Backset, 2 3/4 x 1 1/8 inch Cast Bronze Front, Cast Bronze Bolt, Reversible, 3/8 inch Hub.
 Turn Knob—No. 1046MR, Size of Plate 2 3/8 x 3/8 inches, Length of Knob 1 1/4 inches, Bronze.
 Weight Per Dozen Sets 8 Pounds.
 One-half Dozen Sets in a Box, with Screws.

CUPBOARD LATCHES

Cuts Half Size.



No. 52.



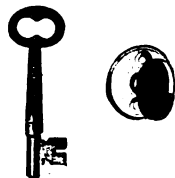
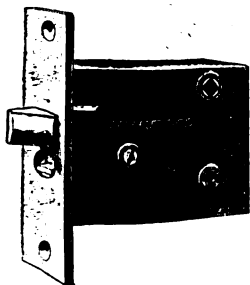
No. 1043MR.

- Per Dozen Sets
 No. AB52X1043MR—Antique Copper, Polished, AB Finish \$23.00
 No. OB52X1043MR—Old Brass, Polished, OB Finish. 23.00
 No. RD52X1043MR—Antique Brass, Sanded, RD Finish 23.00
 No. N52X1043MR—Nickel Plated, Polished, N Finish. 21.40
 Latch—No. 52, 2 3/4 x 1 1/2 inch Case, 3/4 inch Backset, All Brass, Polished.
 Turn Knob—No. 1042MR, Size of Plate 1 3/8 x 3/8 inches, Length of Knob 1 1/4 inches, Bronze.
 Weight Per Dozen 3 Pounds.
 One-half Dozen in a Box, with Screws.

MORTISE NIGHT LATCHES

Cuts Third Size.
REVERSIBLE

BIT KEY

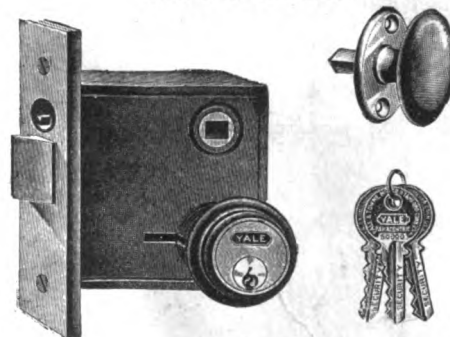


- No. 4769P—2 1/2 x 3 1/4 inches, Japanned Iron Case, 2 3/4 inch Backset, 4 1/2 x 1 inch Cast Bronze Front, Cast Bronze Bolt, Cast Bronze Thumb Knob and Plate, Operated by Key from Outside and Thumb Knob from Inside, Bronze Key Plates, Latch May be Set by Stop, Reversible, 3 Wrought Steel Tumblers, 62 Changes, 2 Nickel Plated Steel Keys, No. 913. \$29.00

Weight Per Dozen 9 Pounds.

One-half Dozen in a Box, with Screws.

YALE CYLINDER



Easy Spring.

- Per Dozen
 No. 66—3 1/4 x 5 1/2 inches, Japanned Iron Case, 2 3/4 inch Backset, 5 x 1 inch Cast Bronze Armored Front, Cast Bronze Bolt, Reversible, Cast Bronze Strike and 3/8 inch Hub, 1 Bronze Cylinder, Operated by Key from Outside and Knob from Inside, Latch May be Set by Stop, Cast Bronze Knob and Rose, 5 Pin Tumblers, Changes Unlimited, 3 Nickel Bronze Gold Plated Paracentric Keys No. 8, for Doors 1 1/4 to 2 1/8 inches. \$115.00
 Weight Per Dozen 27 Pounds.
 One-twelfth Dozen in a Box, with Screws.

MORTISE DEAD LOCKS

Cuts Third Size.
REVERSIBLE

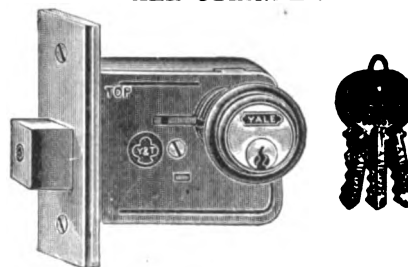
FLAT KEY



- No. 4963P—2 ½ x 3 inches, Japanned Iron Case, 2 ¼ inch Backset, 4 ¾ x 1 ½ inch Cast Bronze Front, Heavy Cast Bronze Bolt, **Reversible**, Operated by Key from Either Side, 3 Wrought Steel Tumblers, 48 Changes, 2 Nickel Plated Flat Steel Keys No. 443, Packed with 2 Bronze Key Plates.....\$48.00
Weight Per Dozen 14 Pounds.
One-quarter Dozen in a Box, with Screws.

Per Dozen

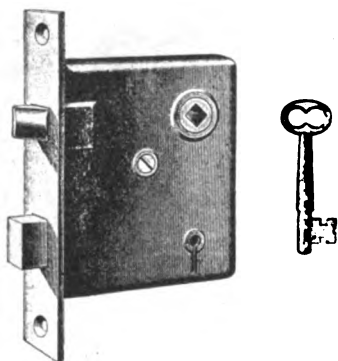
YALE CYLINDER



- No. 324—2 ¾ x 3 ½ inches, Japanned Iron Cast, 2 ¾ inch Backset, 4 x 1 inch Cast Bronze Armored Front, Cast Bronze Bolt and Strike, 1 Bronze Cylinder, Operated by Key from Outside Only, **Reversible**, 5 Pin Tumblers, Changes Unlimited, 3 Nickel Bronze Coined Gold Plated Paracentric Keys No. 8, for Doors 1 ¼ to 2 ½ inches.....\$110.00
No. 324 ½—Same as No. 324 but with 2 Cylinders Operated by Key from Either Side..... 160.00
Weight Per Dozen 24 Pounds.
One-twelfth Dozen in a Box, with Screws.

Per Dozen

MORTISE KNOB LOCKS

Cuts Third Size.
REVERSIBLE

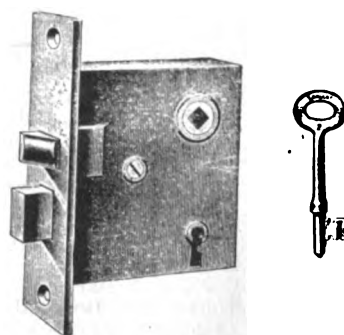
- No. 5210—3 ½ x 3 ¼ inches, Japanned Iron Case, 5 ½ x 1 ½ inch Iron Front, Iron Bolt, **Reversible** by Removing Cap, Hub for ¾ inch Straight Spindle, 6 Changes, 1 Tinned Malleable Iron Key No. 112, Packed with 2 Japanned Key Plates.....\$5.00
No. 5211—Same Description as Above, but with Nickel Plated Steel Key No. 910 ½..... 6.00
Weight Per Dozen 13 Pounds.
One-half Dozen in a Box, with Screws.

Per Dozen



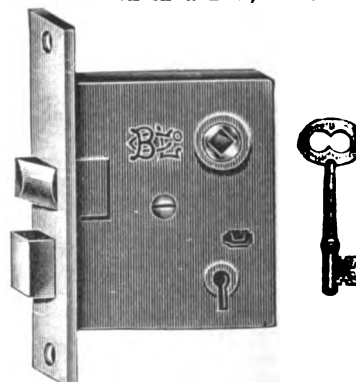
- No. 719—3 ¾ x 3 ¾ inches, Japanned Iron Case, 2 ¾ inch Backset, 5 ¼ x ¾ inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, **Reversible**, ¾ inch Hub, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key.....\$11.50
Weight Per Dozen 13 Pounds.
One-half Dozen in a Box, with Screws.

Per Dozen



- No. 5164—3 ½ x 3 ¼ inches, Japanned Iron Case, 5 ¼ x ¾ inch Cast Brass Front, Cast Brass Bolts, Free Action Latch Bolt, **Reversible** by Removing Cap, Hub for ¾ inch Straight Spindle, 12 Changes, 1 Nickel Plated Steel Key No. C340 ½, Packed with 2 Japanned Key Plates.....\$10.50
Weight Per Dozen 13 Pounds.
One-half Dozen in a Box, with Screws.

Per Dozen



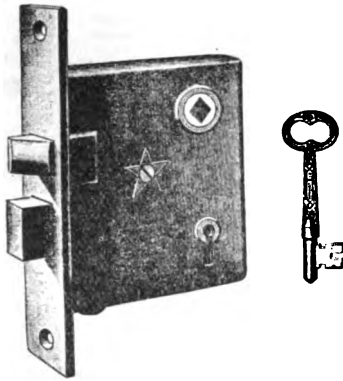
- No. OBP613—3 ¾ x 3 ¾ inches, Japanned Iron Case, 2 ¾ inch Backset, 5 ¼ x ¾ inch Steel Front, Iron Bolts, Easy Spring Latch Bolt, **Reversible**, ¾ inch Hub, 3 Tumblers, 36 Changes, 2 Nickel Plated Steel Keys, Old Brass, Polished, OB Finish.....\$12.00
No. OB718—Cast Bronze Front and Bolts, Otherwise Same as No. OBP613..... 16.00
Weight Per Dozen 13 Pounds.
One-half Dozen in a Box, with Screws.

Per Dozen

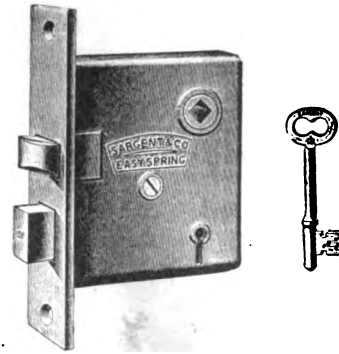
MORTISE KNOB LOCKS

Cuts Third Size.

REVERSIBLE

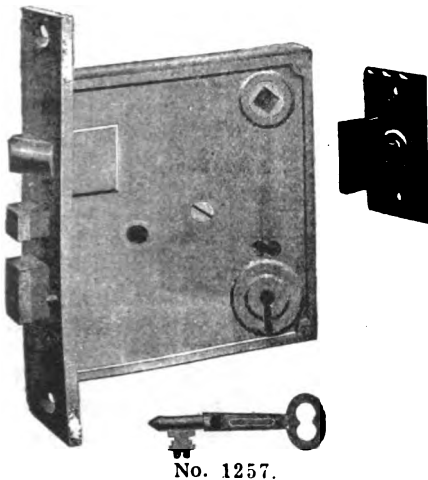


- No. 5414**—4x3 1/4 inches, Japanned Iron Case, 2 1/2 inch Backset, 6x1 1/8 inch Cast Brass Front, Cast Brass Bolts, **Reversible** by Removing Cap, Hub for 1/8 inch Straight Spindle, 1 Nickel Plated Steel Key No. 910 1/2, Packed with 2 Japanned Key Plates... **\$17.00**
Weight Per Dozen 18 Pounds.
One-half Dozen in a Box, with Screws.



Easy Spring.

- No. 5234**—3 1/2 x3 1/4 inches, Japanned Iron Case, 2 1/2 inch Backset, 5 3/8 x1 1/8 inch Cast Brass Front, Cast Brass Bolts, **Reversible** by Removing Cap, 1/8 inch Straight Spindle, 1 Wrought Steel Tumbler, 24 Changes, 1 Nickel Plated Steel Key No. 911, Packed with 2 Japanned Key Plates... **\$13.00**
No. 5249—3 1/2 x3 1/4 inches, Japanned Iron Case, 2 1/2 inch Backset, 5 3/8 x1 1/8 inch Cast Brass Front, Cast Brass Bolts, **Reversible** by Removing Cap, Hub for 1/8 inch Straight Spindle, 3 Wrought Steel Tumblers, 62 Changes, 1 Nickel Plated Steel Key No. 913, Packed with 2 Japanned Key Plates... **17.00**
Weight Per Dozen 14 Pounds.
One-half Dozen in a Box, with Screws.



No. 1257.

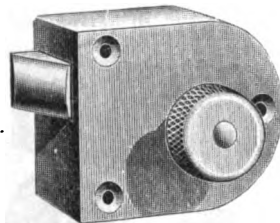
With Thumb Bolt.

- No. 1257**—4 1/2 x3 1/2 inches, Japanned Iron Case, Heavy Cast Brass Front, Cast Brass Bolts, **Reversible**, Hub for 1/8 inch Straight Spindle, 1 Tumbler, 24 Changes, 1 Nickel Plated Steel Key, Cast Brass Thumb Knob and Plate... **\$20.00**
Weight Per Dozen 22 Pounds.
One-half Dozen in a Box, with Screws.

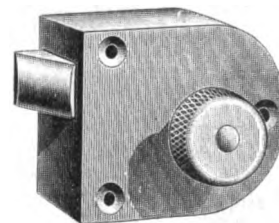
SECRET GATE LATCHES

Cuts Half Size.

FOR OFFICE GATES



Works by pressure of the finger to the under side of the Latch. The Knob has no effect upon the Latch Bolt.



- Cast Iron.**
With Both Regular and Reverse Bevel Strikes.
No. 4050—Japanned Case 2x2 3/8 inches, 3/4 inch Thick, Reversible for Right or Left Hand Gates. **\$8.00**
Per Dozen

- Cast Iron.**
With Both Regular and Reverse Bevel Strikes.
No. AB4050—Antique Copper, Polished, AB Finish... **\$10.00**
No. OB4050—Old Brass, Polished, OB Finish... **10.00**
Case 2x2 3/8 inches, 3/4 inch Thick, Reversible for Right or Left Hand Gates.

FOR DOUBLE ACTING GATES

These Latches can be furnished to order with special Latch Bolt and Strike for Gates to swing both ways.

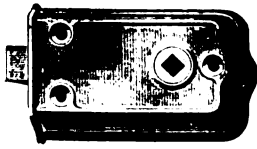
Weight Per Dozen 8 Pounds.

One-half Dozen in a Box.

HORIZONTAL RIM KNOB LATCHES

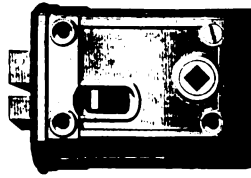
Cuts Third Size.

REVERSIBLE



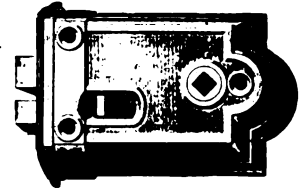
Without Thumb Bolt.

No. 4018— $2\frac{1}{4} \times 3\frac{3}{8}$ inches, Japanned Iron Case, $2\frac{1}{2}$ inch Backset, Iron Bolt, Reversible Hub for $\frac{1}{8}$ inch Straight Spindle\$3.00
Weight Per Dozen 9 Pounds.
One-half Dozen in a Box, with Screws.



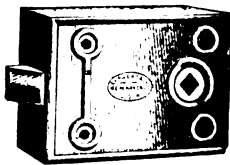
With Thumb Bolt.

No. 4026— $2\frac{1}{4} \times 3\frac{1}{2}$ inches, Japanned Iron Case, $2\frac{3}{4}$ inch Backset, Iron Bolts, Reversible, Hub for $\frac{1}{8}$ inch Straight Spindle\$3.75
Weight Per Dozen 10 Pounds.
One-half Dozen in a Box, with Screws.



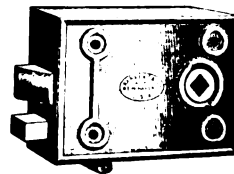
With Thumb Bolt.

No. 4046— $2\frac{1}{4} \times 4$ inches, Japanned Iron Case, $2\frac{3}{4}$ inch Backset, Iron Bolts, Reversible, Hub for $\frac{1}{8}$ inch Straight Spindle\$5.00
Weight Per Dozen 10 Pounds.
One-half Dozen in a Box, with Screws.



Without Thumb Bolt.

No. 4010S — $2\frac{3}{8} \times 3\frac{1}{8}$ inches, Ivory Black Wrought Steel Case, $2\frac{1}{2}$ inch Backset, Iron Bolt, Reversible, Hub for $\frac{1}{8}$ inch Straight Spindle\$4.50
Weight Per Dozen 10 Pounds.
One-half Dozen in a Box, with Screws.

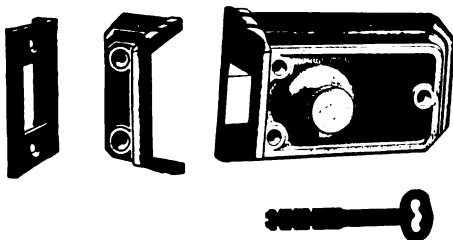


With Thumb Bolt.

No. 4016S — $2\frac{3}{8} \times 3\frac{1}{8}$ inches, Ivory Black Wrought Steel Case, $2\frac{1}{2}$ inch Backset, Iron Bolts, Reversible, Hub for $\frac{1}{8}$ inch Straight Spindle\$5.00
Weight Per Dozen 11 Pounds.
One-half Dozen in a Box, with Screws.

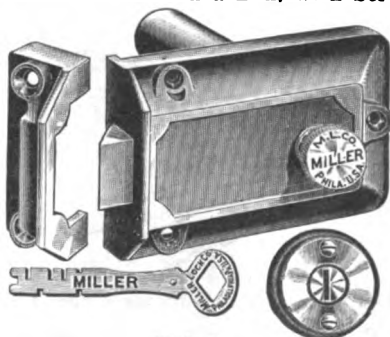
RIM NIGHT LATCHES

Cuts Third Size.



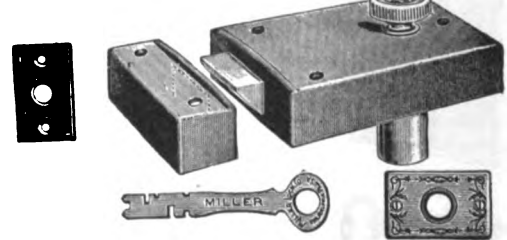
Tubular.

No. 4214— $2\frac{3}{8} \times 3\frac{1}{2}$ inches, Japanned Iron Case, $2\frac{1}{2}$ inch Backset, Iron Bolt, Reversible, Cast Bronze Draw-Back Knob, with Turn Stop, Cast Bronze Key Plate, for 1 to $1\frac{1}{4}$ inch Doors, 2 Flat Steel Keys No. 232, with Regular and Reverse Bevel Strike...\$11.00
Weight Per Dozen 12 Pounds.
One-twelfth Dozen in a Box, with Screws.



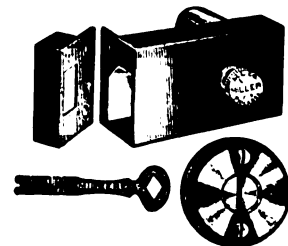
Tubular.

No. 3749C— $2\frac{1}{2} \times 3\frac{3}{8}$ inch Antique Copper Finish Iron Case, $2\frac{1}{8}$ inch Backset, Brass Plated Iron Bolt, Reversible, Bronze Turn Knob and Key Plate, 36 Changes, 2 Nickel Plated Flat Steel Keys, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by an Extra Turn of Knob, for Doors $\frac{7}{8}$ to 2 inch\$14.00
Weight Per Dozen 10 Pounds.
One-twelfth Dozen in a Box, with Screws.



Improved Automatic Knob.

No. 64— 2×3 inch Black Japanned Iron Case, $2\frac{1}{8}$ inch Backset, Brass Plated Iron Bolt, Reversible, Bronze Turn Knob and Key Plate, 12 Changes, 2 Nickel Plated Flat Steel Keys, Operated by Key from Outside, by Knob from Inside, Bolt May be Held Back by an Extra Turn of Knob, for Doors $\frac{7}{8}$ to $1\frac{1}{8}$ inch, 3 Reverse Strikes Packed with Each Dozen\$8.00
Weight Per Dozen $8\frac{1}{4}$ Pounds.
One-twelfth Dozen in a Box, with Screws.



Wrought Steel Case.

No. 378— $1\frac{1}{8} \times 3$ inch Black Enameled Steel Case, $2\frac{1}{8}$ inch Backset, Bronze Bolt, Reversible, Bronze Knob and Escutcheon, 36 Changes, 2 Nickel Plated Flat Steel Keys, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by an Extra Turn of Knob, for Doors $\frac{7}{8}$ to 2 inch, 3 Reverse Strikes Packed with Each Dozen\$12.00
Weight Per Dozen $8\frac{1}{4}$ Pounds.
One-twelfth Dozen in a Box, with Screws.

RIM NIGHT LATCHES

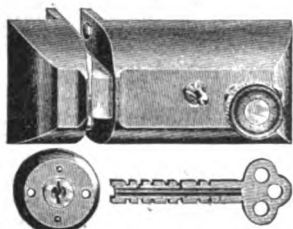
Cuts Third Size.



Miller Cylinder.

- No. 178C—2x3 inch Extra Heavy Iron Case, Chemically Finished with Coppered Edges and Sides, Bronze Plated Iron Bolt, Reversible, Plated Knob, Bronze Cylinder and Key Plate, 12 Changes, 2 Nickel Plated Flat Steel Keys, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by an Extra Turn of Knob, for Doors $\frac{7}{8}$ to 2 inch, 3 Reverse Strikes Packed with Each Dozen\$13.00

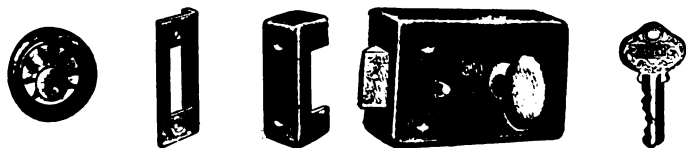
Weight Per Dozen 9 $\frac{1}{2}$ Pounds.
One-twelfth Dozen in a Box, with Screws.



Easy Bolt, Pivoted.

- No. B043—2x3 $\frac{1}{4}$ inch Antique Copper Finish Iron Case and Strike, Easy Spring Brass Bolt, Riveted, Brass Key Cylinder, Pressed Bronze Metal Knob Head, Brass Rod Stem, Catch Knob Locking Against Key with Bolt Either Extended or Drawn Back, 2 Nickel Plated Corrugated Steel Keys, not Made Reverse Bevel\$12.00

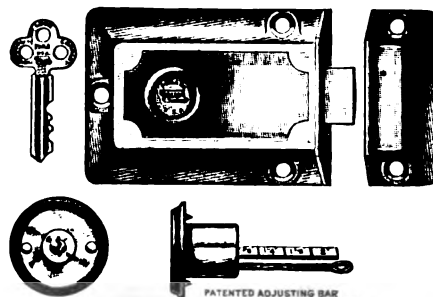
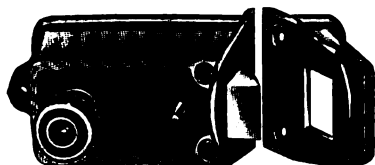
Weight Per Dozen 8 Pounds.
One-twelfth Dozen in a Box, with Screws.



Sargent Cylinder.

- No. J4250—2x3 inch Ivory Black Iron Case, 2 inch Backset, Bronze Plated Bolt, Reversible Bronze Plated Turn Knob and Slide Stop, Operated by Key from Outside and by Turn Knob from Inside, Latch Bolt May be Held Back by Stop, Bronze Cylinder, Changes Unlimited, 3 Gold Plated German Silver Keys, for Doors $\frac{7}{8}$ to 2 inches Thick, Packed with Regular and Reverse Bevel Strike\$22.00

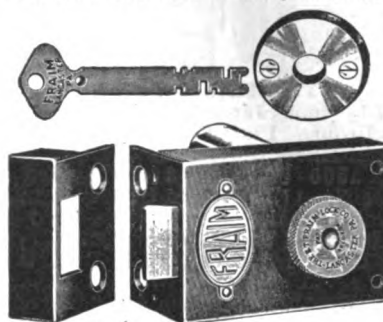
Weight Per Dozen 14 Pounds.
One-twelfth Dozen in a Box, with Screws.



Miller Cylinder.

- No. 137C—2 $\frac{1}{2}$ x3 $\frac{1}{2}$ inch Extra Heavy Iron Case, Chemically Finished with Polished Coppered Edges and Sides, Bronze Plated Iron Bolt, Reversible, Plated Knob, Bronze Cylinder and Key Plate, 24 Changes, 2 Nickel Plated Flat Steel Keys, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by an Extra Turn of Knob, for Doors $\frac{7}{8}$ to 2 inch, 3 Reverse Strikes Packed with Each Dozen\$18.00

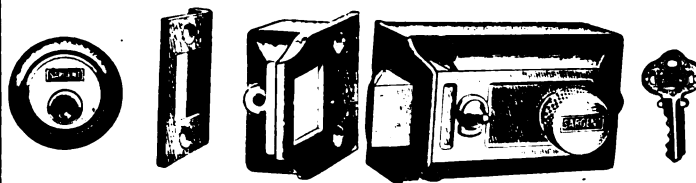
Weight Per Dozen 13 Pounds.
One-twelfth Dozen in a Box, with Screws.



Tubular.

- No. 162—2x3 inch Black Japanned Steel Case, 1 $\frac{1}{8}$ inch Backset, Nickel Plated Trimmings, Steel Cap, Bolt, Knob, Escutcheon and Tube, Reversible, Operated by Key from Outside, by Knob from Inside, Bolt May be Held Back by Turn of Knob, for Doors $\frac{7}{8}$ to 2 inch, 3 Reverse Strikes Packed with Each Dozen\$7.50

Weight Per Dozen 9 $\frac{1}{2}$ Pounds.
One-twelfth Dozen in a Box, with Screws.



Sargent Cylinder.

- No. 4287—2 $\frac{1}{2}$ x3 $\frac{3}{4}$ inch Japanned Iron Case, 2 $\frac{3}{8}$ inch Backset, Cast Bronze Bolt, Reversible, Cast Bronze Turn Knob, Bronze Slide Stop, Operated by Key from Outside and Knob from Inside, Bolt May be Held Back by Stop, Bronze Cylinder, Changes Unlimited, 3 Oxidized German Silver Keys No. 267, Packed with Regular and Reverse Bevel Strike\$35.00

Weight Per Dozen 18 Pounds.
One-twelfth Dozen in a Box, with Screws.

Eagle Pin Tumbler, Cylinder.

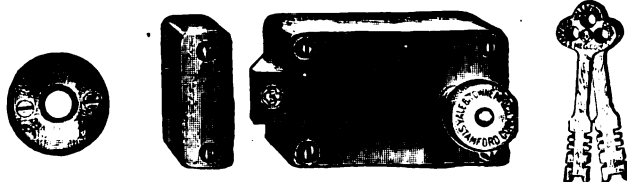
- No. 3512—2 $\frac{1}{2}$ x3 $\frac{3}{8}$ inch Japanned Iron Case, 2 $\frac{3}{8}$ inch Backset, Bronze Bolt, Reversible, Bronze Turn Knob and Ring, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by Stop, Bronze Cylinder, 3 German Silver Keys\$30.00

Weight Per Dozen 17 $\frac{1}{4}$ Pounds.

One-twelfth Dozen in a Box.

RIM NIGHT LATCHES

Cuts Third Size.

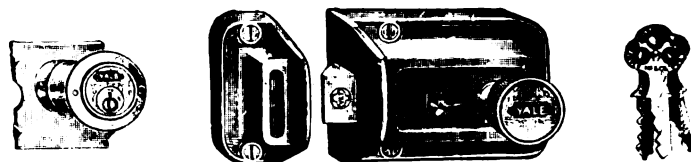


Yale.

Per Dozen

No. 26—2x3 1/4 inch Japanned Iron Case, 2 1/2 inch Backset, Bronze Plated Iron Bolt, Nickel Plated Turn Knob and Key Plate, Brass Tube, Reversible, Warded, 6 Changes, 2 Nickel Plated Flat Steel Keys No. 43, Operated by Key from Outside and Turn Knob from Inside, Bolt May be Held Back by an Extra Turn of Knob, for Doors up to 1 1/4 inch.....\$7.50
Weight Per Dozen 12 Pounds.

If for Doors Opening Out, Order Reverse Bevel, to Order Only.
One-twelfth Dozen in a Box, with Screws.

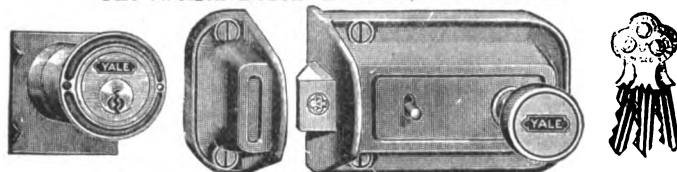


Yale Tubular Cylinder.

Per Dozen

No. 33—2 1/2 x3 inch Japanned Iron Case, 2 inch Backset, Bronze Plated Iron Bolt and Steel Tube, Bronze Turn Knob, Stop and Cylinder, Reversible, 4 Pin Tumblers, 1500 Changes, 3 Flat Steel Keys No. 1, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by Stop, for Doors 7/8 to 1 1/2 inch.....\$24.00
Weight Per Dozen 14 Pounds.

If for Doors Opening Out, Order Reverse Bevel, to Order Only.
One-twelfth Dozen in a Box, with Screws.

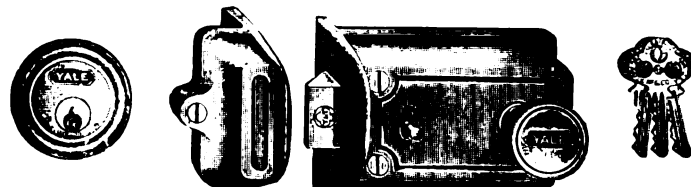


Yale Tubular Cylinder.

Per Dozen

No. 34—2 1/4 x3 1/2 inch Japanned Iron Case, 2 3/8 inch Backset, Bronze Plated Iron Bolt, Reversible, Bronze Turn Knob, Stop, Tube and Cylinder, 4 Pin Tumblers, 1500 Changes, 3 Corrugated German Silver Keys No. 17, Operated by Key from Outside and by Knob Inside, Bolt May be Held Back by Stop, for Doors 7/8 to 1 1/2 inches Thick.....\$29.00
No. 34X—For Doors 1 1/4 to 2 1/2 inch, Otherwise Same as No. 34..... 29.00
Weight Per Dozen 15 Pounds.

If for Doors Opening Out, Order Reverse Bevel, to Order Only.
One-twelfth Dozen in a Box, with Screws.

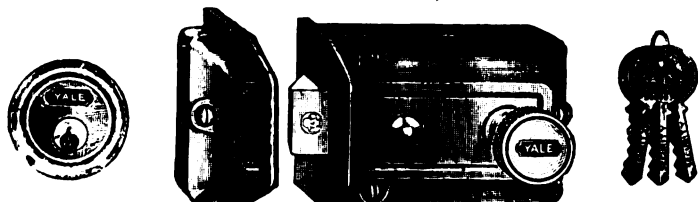


Yale Cylinder.

Per Dozen

No. 37—2x3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, Cast Bronze Bolt, Cast Bronze Turn Knob, Stop and Cylinder, Reversible, 4 Pin Tumbler, 1500 Changes, 3 Corrugated German Silver Keys No. 16, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by Stop, for Doors 7/8 to 2 1/2 inch, Opening In.....\$32.00
Weight Per Dozen 16 Pounds.

If for Doors Opening Out, Order Reverse Bevel, to Order Only.
One-twelfth Dozen in a Box, with Screws.

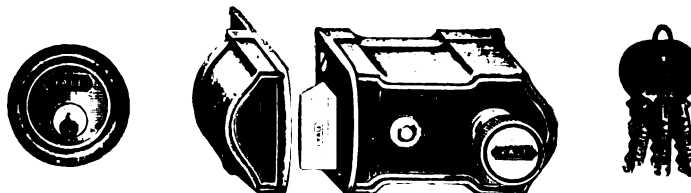


Yale Cylinder.

Per Dozen

No. 042—2 1/2 x3 3/8 inch Japanned Iron Case, 2 3/8 inch Backset, Cast Bronze Bolt, Cast Bronze Turn Knob, Stop and Cylinder, Reversible, 5 Pin Tumblers, Changes Unlimited, 3 Paracentric Nickel Bronze Coined Gold Plated Bow Keys No. 8, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by Stop, for Doors 7/8 to 2 1/2 inch, Opening In.....\$38.00
Weight Per Dozen 18 Pounds.

If for Doors Opening Out, Order Reverse Bevel, to Order Only.
One-twelfth Dozen in a Box, with Screws.

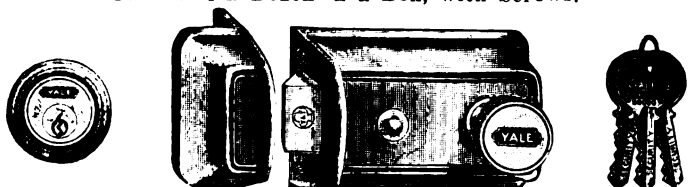


Yale Cylinder.

Per Dozen

No. 41—2 1/2 x3 3/8 inch Old Copper Finished Iron Case, 2 3/8 inch Backset, Cast Bronze Bolt, Cast Bronze Turn Knob, Stop and Cylinder, Reversible, 5 Pin Tumblers, Changes Unlimited, 3 Paracentric Nickel Bronze Coined Gold Plated Bow Keys No. 8, Operated by Key from Outside and Knob from Inside, Bolt May be Held Back by Stop, for Doors 7/8 to 2 1/4 inch, Opening In.....\$45.00
Weight Per Dozen 20 Pounds.

One-twelfth Dozen in a Box, with Screws.

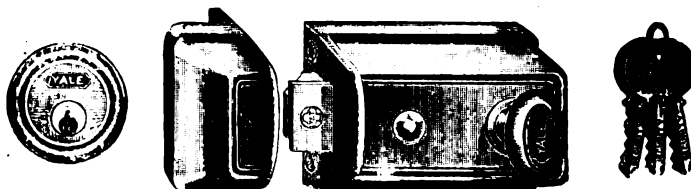


Yale Cylinder.

Per Dozen

No. 42—2 3/8 x3 1/2 inch Old Copper Finished Iron Case, 2 3/8 inch Backset, Cast Bronze Bolt, Cast Bronze Turn Knob, Stop and Cylinder, Reversible, 5 Pin Tumblers, Changes Unlimited, 3 Paracentric Nickel Bronze Coined Gold Plated Bow Keys No. 8, Operated by Key from Outside and by Knob from Inside, Bolt May be Held Back by Stop, for Doors 7/8 to 2 1/2 inch, Opening In.....\$40.00
Weight Per Dozen 21 Pounds.

If for Doors Opening Out, Order Reverse Bevel, to Order Only.
One-twelfth Dozen in a Box, with Screws.



Yale Cylinder.

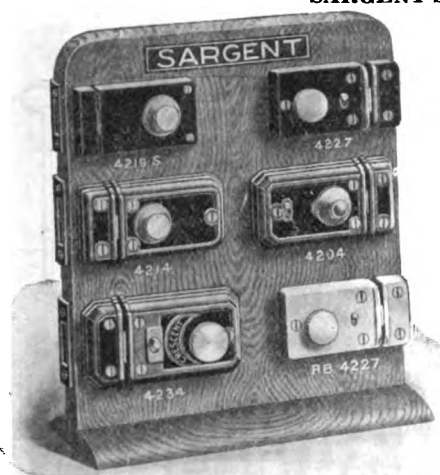
Per Dozen

No. 44—Automatic Deadlocking, 2 3/8 x3 1/2 inch Old Copper Finished Iron Case, 2 3/8 inch Backset, Cast Bronze Bolt, Cast Bronze Turn Knob, Stop and Cylinder, Reversible, 5 Pin Tumblers, Changes Unlimited, 3 Paracentric Nickel Bronze Coined Gold Plated Bow Keys No. 8, Operated by Key from Outside and by Knob from Inside, Bolt May be Automatically Deadlocked, for Doors 7/8 to 2 1/2 inch, Opening In.....\$48.00
Weight Per Dozen 18 Pounds.

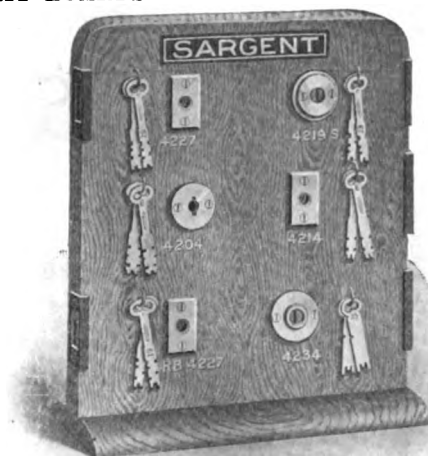
If for Doors Opening Out, Order Reverse Bevel, to Order Only.
One-twelfth Dozen in a Box, with Screws.

NIGHT LATCH ASSORTMENTS

SARGENT'S, MOUNTED ON DISPLAY BOARDS



Front View.



Back View.

Per Assortment

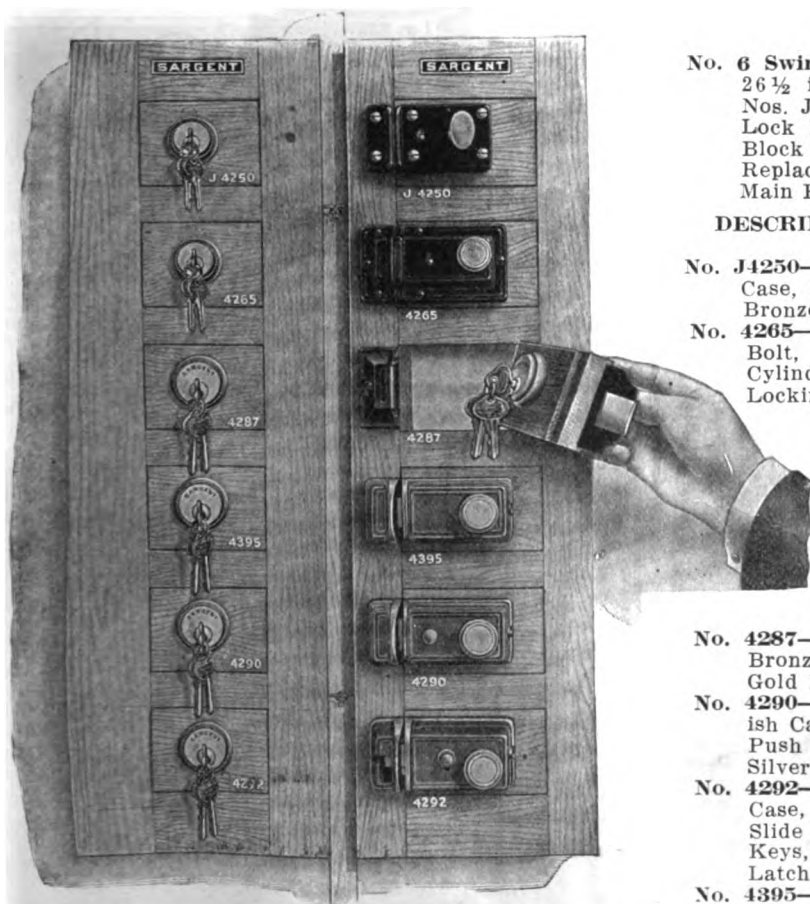
No. 2 Display Board—Width 10 ½ inches, Height 12 inches, Attractive Natural Finish, with Night Latches Complete With Keys and Strikes, 1 Each Nos. 4204, 4214, 4218S, 4247, RB4227 and 4234, Mounted on Board and 6 Extra Latches, 1 Each of Above, Making 12 Latches in All. \$13.00

DESCRIPTION OF LATCHES ON DISPLAY BOARD

	Per Dozen
No. 4204—2 ½ x 3 ½ inches, Japanned Case, Iron Bolt, Brass Draw-Back Knob, Brass Slide Stop, Bronze Key Plate, 2 Flat Steel Keys.....	\$6.25
No. 4214—2 ½ x 3 ½ inches, Japanned Case, Iron Bolt, Bronze Draw-Back Knob with Turn Stop, Bronze Key Plate, 2 Flat Steel Keys.....	6.25
No. 4218S—2x3 inches, Ivory Black Finish Steel Case, Bronze Bolt, Bronze Draw-Back Knob with Turn Stop, Bronze Key Plate, 2 Flat Steel Keys.....	7.50

	Per Dozen
No. 4227—2x3 inches, Japanned Case, Bronze Plated Bolt, Bronze Plated Turn Knob, Bronze Plated Slide Stop, Bronze Key Plate, 2 Flat Steel Keys....	\$4.60
No. RB4227—2x3 inches, Antique Copper Sand Finish Case, Bronze Plated Bolt, Bronze Plated Turn Knob, Bronze Plated Slide Stop, Bronze Key Plate, 2 Flat Steel Keys.....	6.70
No. 4234—"Crescent," 2 ¼ x 3 ¼ inches, Japanned Case, Bronze Plated Bolt, Bronze Turn Knob, Bronze Slide Stop, Bronze Key Plate, 2 Flat Steel Keys.....	9.40

Weight Per Assortment 20 Pounds.



Cut Shows Front and Back View.

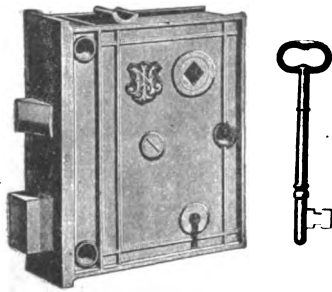
No. 6 Swinging Display Board—Width 7 ¾ inches, Length 26 ½ inches, Attractive Natural Finish, with 5 Latches Nos. J4250, 4265, 4287, 4290 and 4292 and One Dead Lock No. 4395, Each Latch Mounted on a Separate Block and so Arranged that it May be Taken Out and Replaced as Desired, the Strikes are Attached to the Main Board and Hold the Latches in Place. \$20.00

DESCRIPTION OF LATCHES AND DEAD LOCK ON DISPLAY BOARD

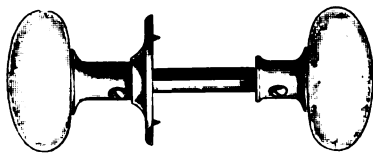
	Per Dozen
No. J4250—Night Latch, 2x3 inches, Ivory Black Finish Iron Case, Bronze Plated Bolt, Turn Knob and Slide Stop, Bronze Cylinder, 3 Gold Plated German Silver Keys....	\$23.00
No. 4265—Night Latch, 2 ½ x 3 ½ inch Japanned Case, Bronze Bolt, Turn Knob, Bronze Plated Slide Stop, Bronze Cylinder, 3 Gold Plated German Silver Keys, with Dead Locking Attachment	27.00
No. 4287—Night Latch, 2 ½ x 3 ¼ inches, Japanned Case, Bronze Bolt, Turn Knob, Slide Stop and Cylinder, 3 Gold Plated German Silver Keys.....	37.00
No. 4290—Night Latch, 2 ½ x 3 ½ inches, Dull Bronze Finish Case, High Parts Relieved, Bronze Bolt, Turn Knob, Push Button Stop and Cylinder, 3 Gold Plated German Silver Keys	42.00
No. 4292—Night Latch, 2 ½ x 3 ½ inches, Dull Bronze Finish Case, High Parts Relieved, Bronze Bolts, Turn Knob, Slide Stop and Cylinder, 3 Gold Plated German Silver Keys, with Dead-Locking Attachment and Guarded Latch Bolt	46.00
No. 4395—Dead Lock, 2x3 ½ inches, Dull Bronze Finish Case, High Parts Relieved, Bronze Cylinder, 3 Gold Plated German Silver Keys.....	62.00

RIM KNOB LOCK SETS

Cuts Third Size.



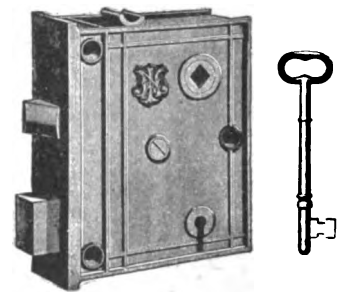
No. 020.



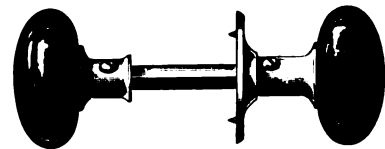
No. 110.

No. 020U—Lock No. 020, $4\frac{1}{4} \times 3\frac{1}{2}$ inches, Japanned Iron Case, Iron Bolts, with Stop, Reversible, 1 Dipped Iron Key, Packed with Porcelain Knob No. 110, $\frac{1}{8}$ inch Straight Spindle, with Japanned Rose on One Side and Japanned Key Plate.....\$6.00
Weight Per Dozen Sets 30 Pounds.
One-twelfth Dozen in a Box, with Screws Complete.

Per Dozen Sets



No. 020.



No. 106.

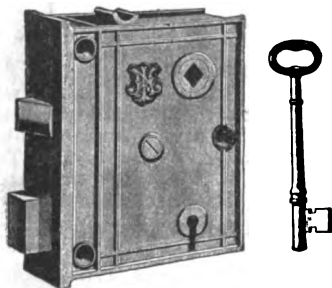
No. 020J—Lock No. 020, $4\frac{1}{4} \times 3\frac{1}{2}$ inches, Japanned Iron Case, Iron Bolts, with Stop, Reversible, 1 Dipped Iron Key, Packed with Jet Knob No. 106, $\frac{1}{8}$ inch Straight Spindle with Japanned Rose on One Side and Japanned Key Plate.....\$6.00
Weight Per Dozen Sets 30 Pounds.
One-twelfth Dozen in a Box, with Screws Complete.

Per Dozen Sets

UPRIGHT RIM KNOB LOCKS

Cuts Third Size.

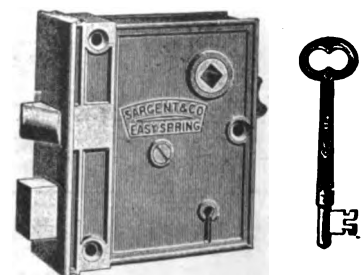
REVERSIBLE



With Stop.

No. 020— $4\frac{1}{4} \times 3\frac{1}{2}$ inch Japanned Iron Case, $2\frac{3}{8}$ inch Backset, Iron Bolts, Reversible, $\frac{1}{8}$ inch Hub, 6 Changes, 1 Dipped Malleable Iron Key, Japanned Key Plate.....\$3.20
No. 227— $4\frac{1}{4} \times 3\frac{1}{2}$ inch Japanned Iron Case, $2\frac{3}{8}$ inch Backset, Brass Bolts, Reversible, $\frac{1}{8}$ inch Hub, 12 Changes, 1 Nickel Plated Steel Key, Japanned Key Plate.....7.50
Weight Per Dozen 11 Pounds.
One-half Dozen in a Box, with Screws.

Per Dozen



Easy Spring, with Stop.

No. 2233— $4 \times 3\frac{1}{4}$ inch Japanned Iron Case, $2\frac{3}{8}$ inch Backset, Iron Bolts, Reversible, $\frac{1}{8}$ inch Hub, 1 Tumbler, 12 Changes, 1 Tinned Malleable Iron Key No. 170, Japanned Key Plate.....\$6.00
Weight Per Dozen 18 Pounds.
One-half Dozen in a Box, with Screws.

Per Dozen



With Stop.

No. 3800— $4 \times 3\frac{1}{4}$ inch Ivory Black Wrought Steel Case, $2\frac{3}{8}$ inch Backset, Steel Bolts, Reversible, $\frac{1}{8}$ inch Hub, 4 Changes, 1 Tumbler, 1 Tinned Iron Key, Japanned Key Plate.....\$3.50

Per Dozen

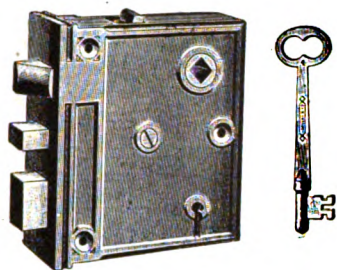
Weight Per Dozen 11 Pounds.

One-half Dozen in a Box, with Screws.

UPRIGHT RIM KNOB LOCKS

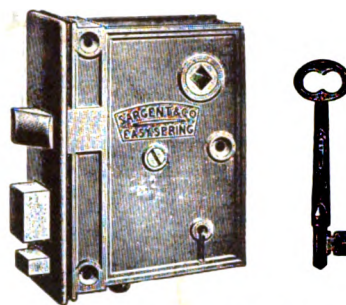
Cuts Third Size.

REVERSIBLE



With Thumb Bolt.

- No. 2216—4x3 1/4 inch Japanned Iron Case, 2 5/8 inch Backset, 3 Iron Bolts, Reversible, 5/8 inch Hub, 1 Tinned Iron Key No. 152, with Japanned Key Plate. **\$4.25**
- No. 2217—1 Nickel Plated Steel Key No. 370 1/2, Otherwise Same as No. 2216. **5.25**
- No. 2218—Three Brass Bolts, Otherwise Same as No. 2217. **9.00**
- Weight Per Dozen 18 Pounds.
One-half Dozen in a Box, with Screws.



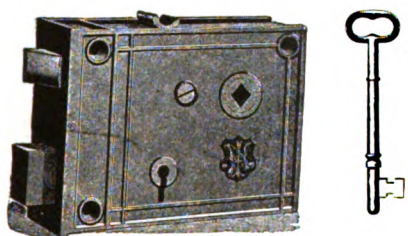
Easy Spring, with Thumb Bolt.

- No. 2537—4 1/2 x 3 1/4 inch Japanned Iron Case, 2 5/8 inch Backset, 3 Iron Bolts, Reversible, 5/8 inch Hub, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key No. 370, Japanned Key Plate. **\$10.00**
- No. 2538—Brass Bolt, Otherwise Same as No. 2537. **14.00**
- Weight Per Dozen 22 Pounds.
One-half Dozen in a Box, with Screws.

HORIZONTAL RIM KNOB LOCKS

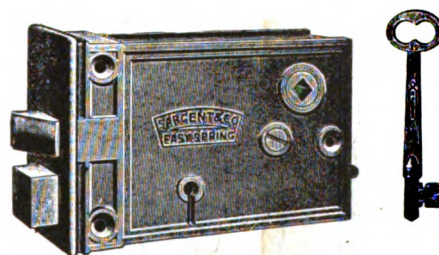
Cuts Third Size.

REVERSIBLE



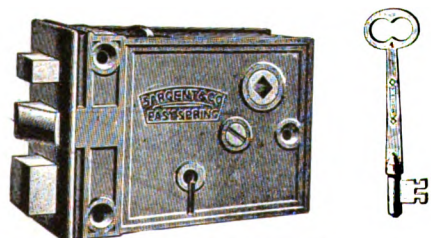
With Stop.

- No. 040—3 1/2 x 4 1/4 inch Japanned Iron Case, 3 1/4 inch Backset, Iron Bolts, Reversible, 5/8 inch Hub, 6 Changes, 1 Dipped Malleable Iron Key, Japanned Key Plate. **\$3.30**
- Weight Per Dozen 13 Pounds.
One-half Dozen in a Box, with Screws.



Easy Spring, with Stop.

- No. 3734—3 1/2 x 5 inch Japanned Iron Case, 2 inch Backset, Iron Bolts, Reversible, 5/8 inch Hub, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key No. 370, Japanned Key Plate. **\$12.00**
- Weight Per Dozen 15 Pounds.
One-half Dozen in a Box, with Screws.

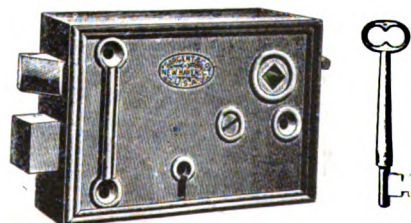


Easy Spring, with Thumb Bolt.

- No. 3337—3 1/2 x 4 1/2 inch Japanned Iron Case, 2 inch Backset, 3 Iron Bolts, Reversible, 5/8 inch Hub, 1 Tumbler, 12 Changes, 1 Nickel Plated Steel Key No. 370, Japanned Key Plate. **\$9.50**

Weight Per Dozen 15 Pounds.

One-half Dozen in a Box, with Screws.



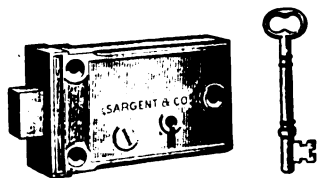
With Stop.

- No. 3213S—3 1/4 x 4 1/4 inch Ivory Black Wrought Steel Case, 2 1/8 inch Backset, Iron Bolts, Reversible, 5/8 inch Hub, 1 Tinned Iron Key No. 152, Japanned Key Plate. **\$5.75**
- No. 3214S—1 Nickel Plated Steel Key No. 370 1/2, Otherwise Same as No. 3213S. **7.00**
- Weight Per Dozen 13 Pounds.
One-half Dozen in a Box, with Screws.

HORIZONTAL RIM DEAD LOCKS

Cuts Third Size.

REVERSIBLE



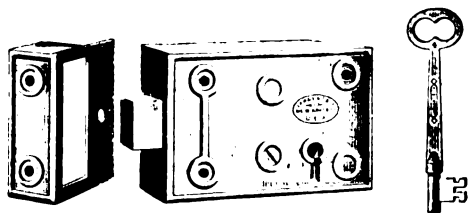
- No. 4410—2x3 inch Japanned Iron Case, 2 inch Backset, Iron Bolt, Reversible, 1 Tinned Iron Key No. 50, Japanned Key Plate.....\$3.25
 Weight Per Dozen 7 Pounds.
 One-half Dozen in a Box, with Screws.

Per Dozen



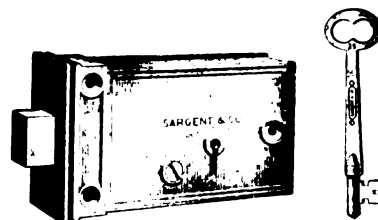
- No. 4430 1/2—2 1/4 x3 inch Japanned Iron Case, 2 inch Backset, Iron Bolt, Reversible, 1 Tinned Malleable Iron Key No. 152, Packed with Japanned Key Plate.....\$3.50
 Weight Per Dozen 8 Pounds.
 One-half Dozen in a Box, with Screws.

Per Dozen



- No. 4414S—2 1/2 x3 1/4 inch Ivory Black Wrought Steel Case, 2 1/8 inch Backset, Iron Bolt, Reversible, 1 Tinned Iron Key No. 152, Japanned Key Plate....\$3.50
 Weight Per Dozen 10 Pounds.
 One Dozen in a Box, with Screws.

Per Dozen



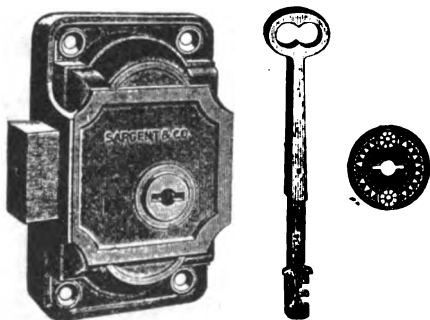
- No. 4461—2 1/2 x4 inch Japanned Iron Case, 2 3/8 inch Backset, Iron Bolt, Reversible, 1 Wrought Steel Tumbler, 12 Changes, 1 Nickel Plated Steel Key No. 370, Japanned Key Plate.....\$7.50
 Weight Per Dozen 11 Pounds.
 One-half Dozen in a Box, with Screws.

Per Dozen

RIM STORE DOOR DEAD LOCKS

Cuts Third Size.

REVERSIBLE

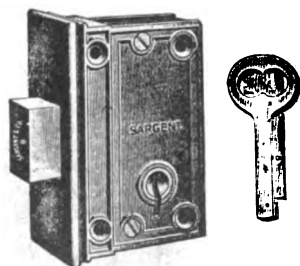


- No. 4598—5x2 7/8 inch Japanned Iron Case, 1 3/4 inch Backset, Iron Bolt, Brass Bushed Key Hole, Reversible, 3 Tumblers, 48 Changes, 2 Nickel Plated Folding Steel Keys No. 493, Operated from Both Sides by Key, Bronze Metal Key Plate.....\$34.00

Per Dozen

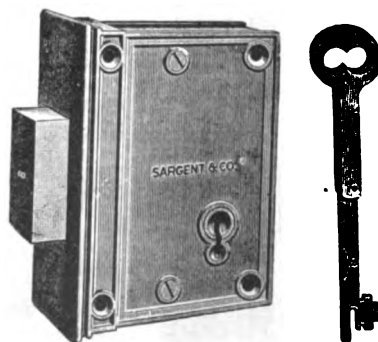
Weight Per Dozen 18 Pounds.

One-twelfth Dozen in a Box, with Screws.



- No. 4551—4x2 1/2 inch Japanned Iron Case, 1 1/4 inch Backset, Brass Bushed Key Hole, Iron Bolt, Reversible, 1 Wrought Steel Tumbler, 16 Changes, 2 Nickel Plated Steel Folding Keys No. 481, Japanned Key Plate.....\$17.00
 Weight Per Dozen 24 Pounds.
 One-twelfth Dozen in a Box, with Screws.

Per Dozen



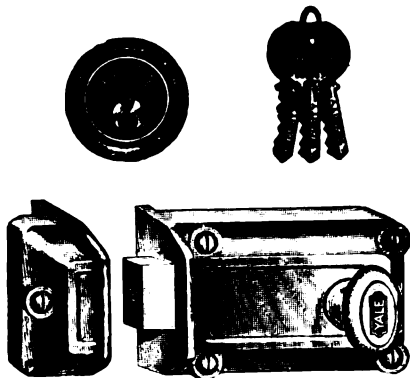
- No. 4561—5x3 1/2 inch Japanned Iron Case, 2 1/2 inch Backset, Brass Bushed Key Hole, Iron Bolts, Reversible, 1 Wrought Steel Tumbler, 16 Changes, 2 Nickel Plated Steel Folding Keys No. 481, Japanned Key Plate.....\$18.00
 No. 4563—With 3 Tumblers, 48 Changes, 2 Nickel Plated Folding Steel Keys No. 483, Otherwise Same as No. 4561.....22.00
 Weight Per Dozen 34 Pounds.
 One-twelfth Dozen in a Box, with Screws.

Per Dozen

YALE CYLINDER RIM DEAD LOCKS

Cuts Third Size.

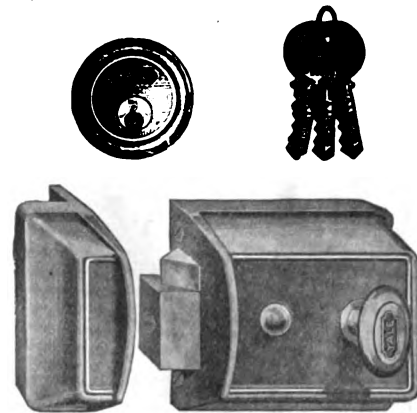
HORIZONTAL, REVERSIBLE



For Store Doors.

Per Dozen

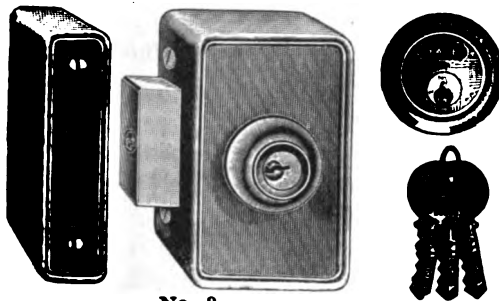
- No. 2—2½ x 3½ inch Japanned Iron Case, 2½ inch Backset, Cast Bronze Knob, Bronze Cylinder and Turn Knob, Reversible for Doors of Either Hand, Operated from Outside by Key and from Inside by Turn Knob, for Doors 1 to 2½ inches, 5 Pin Tumblers, Changes Unlimited, 3 Nickel Bronze Coined Gold Plated Paracentric Keys No. 8.....\$48.00
Weight Per Dozen 24 Pounds.
One-twelfth Dozen in a Box, with Screws.



Automatic Rim Night Lock.

Per Dozen

- No. 90—3x3½ inch Old Copper Iron Case, 2½ inch Backset, Cast Bronze Bolts, Bronze Cylinder and Turn Knob, Reversible for Doors of Either Hand, Operated from Outside by Key and from Inside by Turn Knob, when Stop on Case is Pushed Down the Trigger Bolt is Released and Thrown Out, when Door is Closed Trigger Bolt Automatically Releases the Dead Bolt which is Thrown and Locked, for Doors ¾ to 2½ inches, 5 Pin Tumblers, Changes Unlimited, 3 Nickel Bronze Coined Gold Plated Paracentric Keys No. 8.....\$68.00
Weight Per Dozen 28 Pounds.
One-twelfth Dozen in a Box, with Screws.



No. 3.

FLUSH CASE, REVERSIBLE

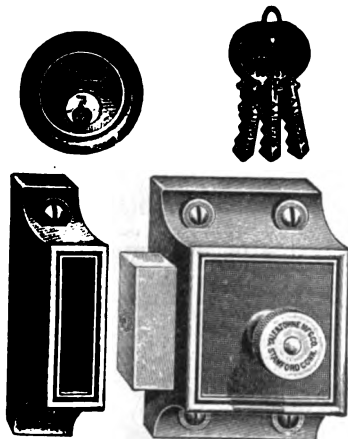
Per Dozen

- No. 3—4x2½ inch Old Copper Finish Iron Case, 1¼ inch Backset, Cast Bronze Bolt, Bronze Cylinder, Backset 1¼ inches, Reversible for Doors of Either Hand, Operated by Key from Either Side, for Doors ¾ to 3 inches, 5 Pin Tumblers, Changes Unlimited, 3 Nickel Bronze Coined Gold Plated Paracentric Keys No. 8.....\$76.00

Weight Per Dozen 28 Pounds.

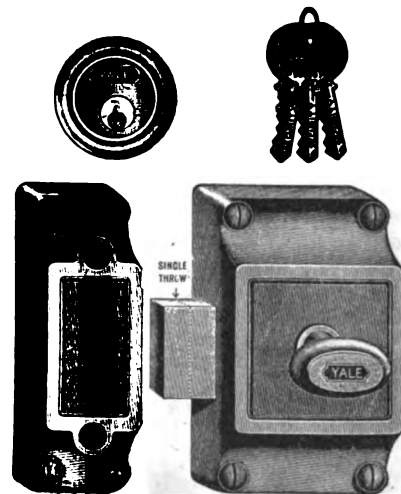
One-twelfth Dozen in a Box, with Screws.

UPRIGHT, REVERSIBLE



Per Dozen

- No. 5—4x2½ inch Old Copper Iron Case, 1¼ inch Backset, Cast Bronze Bolt, Bronze Cylinder and Turn Knob, Reversible for Doors of Either Hand, Operated by Key from Outside and Turn Knob from Inside, for Doors 1¼ to 3 inches, 5 Pin Tumblers, Changes Unlimited, 3 Nickel Bronze Coined Gold Plated Paracentric Keys No. 8.....\$60.00
Weight Per Dozen 27 Pounds.
One-twelfth Dozen in a Box, with Screws.



Per Dozen

- No. 7—4½ x 2½ inch Old Copper Iron Case, 1¾ inch Backset, Steel Bolt, Bronze Cylinder and Turn Knob, Reversible for Doors of Either Hand, Operated by Key from Outside and Turn Knob from Inside, a Second Turn of Key or Knob Accomplishes the Double Throw, Heavy Construction, for Doors ¾ to 2½ inches, 5 Pin Tumblers, Changes Unlimited, 3 Nickel Bronze Coined Gold Plated Paracentric Keys No. 8.....\$74.00
Weight Per Dozen 24 Pounds.
One-twelfth Dozen in a Box, with Screws.

ROSE AND ESCUTCHEONS

Cuts Half Size.



Wrought Steel.
For 3½ Inch Mortise Locks.

- No. **OB325MR** — 5¼ x 1 7⁄8 inches, Old Brass, Polished, OB Finish **\$2.75**
 No. **AB325MR** — 5¼ x 1 7⁄8 inches, Antique Copper, Polished, AB Finish **2.75**
 One Dozen in a Box, with Screws.



Wrought Bronze.
For 3½ Inch Mortise Locks.

- No. **OB825MR** — 5¼ x 1 7⁄8 inches, Old Brass, Polished, OB Finish **\$7.00**
 No. **AB285MR** — 5¼ x 1 7⁄8 inches, Antique Copper, Polished, AB Finish **7.00**
 One Dozen in a Box, with Screws.



Wrought Steel.

- For 3½ Inch Mortise Locks.
 No. **K325A** — 5½ x 1 5⁄8 inches, Bronze Plated, K Finish..... **\$2.40**
 One Dozen in a Box, with Screws.

PLATE ESCUTCHEONS

Cuts Half Size.



Wrought Steel, Plated.

- No. **K330A**—1 5⁄8 x 1 inch, Bronze Plated, K Finish..... **\$1.20**
 Two Dozen in a Box, with Screws.



Wrought Steel, Plated.

- No. **OB370MR**—2x1 1⁄8 inches, Old Brass, Polished, OB Finish **\$1.60**
 No. **AB370MR**—2x1 1⁄8 inches, Antique Copper Polished, AB Finish **1.60**
 Two Dozen in a Box, with Screws.



Wrought Bronze.

- No. **OB710P**—1 5⁄8 x 1 1⁄4 inches, Old Brass, Polished, OB Finish **\$2.50**
 Two Dozen in a Box, with Screws.



Cast Bronze.

- No. **OB811 1⁄2 P**—2x 7⁄8 inches, Old Brass, Polished, OB Finish **\$5.00**
 Two Dozen in a Box, with Screws.

CABINET ESCUTCHEONS

Cuts Full Size.



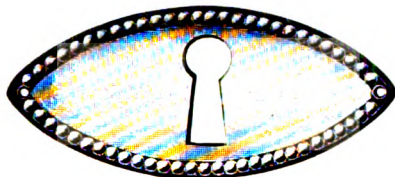
Wrought Brass.

	Per Dozen
No. 126—Natural, Polished	\$0.30
No. AB126—Antique Copper, AB Finish .....	.40
No. N126—Nickel Plated, Polished, NP Finish .....	.40
Six Dozen in a Box.	



Cast Brass.

	Per Dozen
No. 550—Natural, Polished	\$1.20
No. AB550—Antique Copper, AB Finish	1.50
Six Dozen in a Box.	



Wrought Brass.

	Per Dozen
No. 5158—Natural, Polished	\$0.80
No. AB5158—Antique Copper, AB Finish .....	.90
Six Dozen in a Box.	



No. 4077—Wrought Brass, Polished.

Diameter, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per Dozen	\$0.20	.20	.20

CABINET HANDLES AND ESCUTCHEONS

Cuts Full Size.

CABINET ESCUTCHEONS

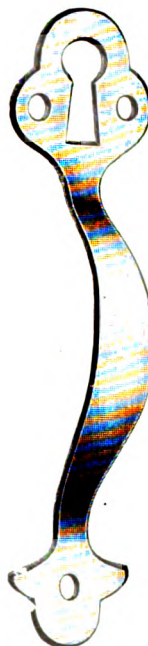
Cuts Full Size.



No. 145.



No. 4088.



No. 5580.



No. 5035.

Wrought Brass.

	Per Dozen
No. 145—Natural, Polished	\$0.30
No. AB145—Antique Copper, AB Finish .....	.40
No. 4088—Natural, Polished .....	.60
No. AB4088—Antique Copper, AB Finish .....	.70
Six Dozen in a Box.	

Wrought Brass.

	Per Dozen
No. 5580—3 $\frac{3}{8}$ inches, Brass Finish	\$1.25
No. AB5580—3 $\frac{3}{8}$ inches, Antique Copper, AB Finish	1.50
Two Dozen in a Box.	

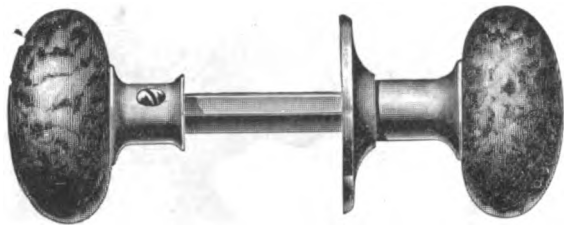
Cast Brass.

	Per Dozen
No. 5035—4 $\frac{1}{4}$ inches, Brass Finish	\$1.50
No. AB5035—4 $\frac{1}{4}$ inches, Antique Copper, AB Finish	1.75
Two Dozen in a Box.	

DOOR KNOBS

Cuts Half Size.

RIM



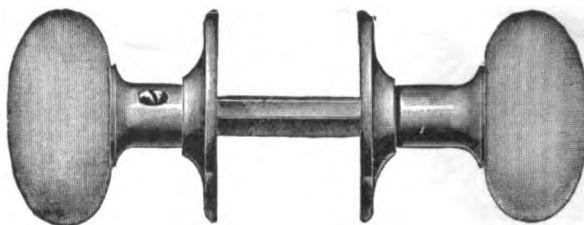
No. 100.

Japanned Mountings, $\frac{1}{8}$ inch Spindle.

Per Dozen

- No. 100—Size 2 $\frac{1}{4}$ inch, Mineral Rim Knobs.....\$2.20
 No. 110—Size 2 $\frac{1}{4}$ inch, Porcelain Rim Knobs..... 2.50
 No. 106—Size 2 $\frac{1}{4}$ inch, Jet Rim Knobs..... 2.50
 One-half Dozen in a Box.

MORTISE



No. 111.

Japanned Mountings, $\frac{1}{8}$ inch Spindle.

Per Dozen

- No. 101—Size 2 $\frac{1}{4}$ inch, Mineral Mortise Knobs.....\$2.20
 No. 111—Size 2 $\frac{1}{4}$ inch, Porcelain Mortise Knobs..... 2.50
 No. 107—Size 2 $\frac{1}{4}$ inch, Jet Mortise Knobs..... 2.50
 One-half Dozen in a Box.

SHORT SPINDLE RIM

(For $\frac{7}{8}$ inch Matched Flooring Doors.)Japanned Mountings, $\frac{1}{8}$ inch Spindle.

Per Dozen

- No. 106 $\frac{1}{2}$ —Size 2 $\frac{1}{4}$ inch, Jet Rim Knobs, for $\frac{7}{8}$ inch Doors, Weight Per Dozen 8 Pounds.....\$1.75
 One-half Dozen in a Box.

MORTISE

 $\frac{1}{8}$ inch Spindle.

Jet Knobs, Iron Roses.

Per Dozen

- No. K1484A—Size 2 $\frac{1}{4}$ inch, Bronze Plated, K Finish...\$3.50

Jet Knobs, Wrought Bronze Roses, Plated Shank.

Per Dozen

- No. M1582A—Size 2 $\frac{1}{4}$ inch, Black Background, Raised Surface in Polished Natural Color, M Finish.....\$8.00
 One-half Dozen in a Box, with Screws.

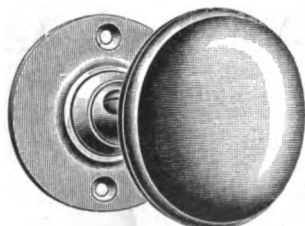


Wrought Steel, Solid Shank, Plated, with Roses.

Per Dozen

- No. K1342A—Size 2 $\frac{1}{4}$ inch, Bronze Plated, K Finish...\$11.00

One-half Dozen in a Box, with Screws.



Wrought Steel, Solid Shank, Plated, with Roses.

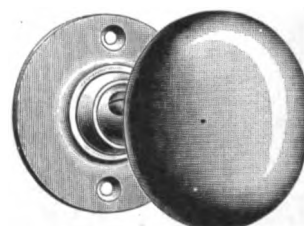
Per Dozen

- No. AB1342—2 $\frac{1}{4}$ inch, Antique Copper, Polished, AB Finish.....\$8.00

Wrought Bronze, with Roses.

Per Dozen

- No. OB1522P—2 $\frac{1}{4}$ inch, Old Brass, Polished, OB Finish.....\$18.00
 No. AB1522P—2 $\frac{1}{4}$ inch, Antique Copper, Polished, AB Finish..... 18.00
 One-half Dozen in a Box, with Screws.



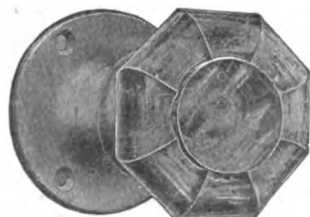
Wrought Bronze, with Roses.

Per Dozen

- No. OB1762P—2 $\frac{1}{4}$ inch, Old Brass, Polished, OB Finish.....\$22.00

- No. AB1762—2 $\frac{1}{4}$ inch, Antique Copper, Polished, AB Finish..... 22.00

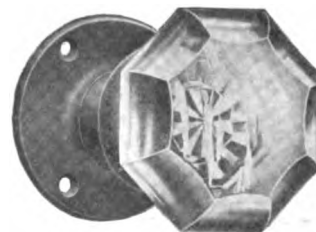
One-half Dozen in a Box, with Screws.



Pressed Glass, Octagon Pattern, Wrought Bronze Mountings.

Per Pair

- No. OB3310P—2 $\frac{1}{4}$ inch, Old Brass, Polished, OB Finish, Roses and Shank.....\$3.00
 One Pair in a Box, with Screws.



Pressed Glass, Octagon Pattern, Bronze Mountings.

Per Pair

- No. OB3312P—2 $\frac{1}{4}$ inch, Old Brass, Polished, OB Finish, Roses and Shank.....\$3.00
 One Pair in a Box, with Screws.

LOCK STRIKES



No. 5210.



No. 5164.



No. 6354P.



No. 2200.

For Mortise Locks.

	Per Dozen
No. 5210—3 $\frac{3}{4}$ inch, Wrought Steel, Lacquered.....	\$0.80
No. 5164—3 $\frac{1}{2}$ inch, Wrought Steel, Brass Plated.....	.90
No. 6354P—4 $\frac{1}{4}$ inch, Wrought Bronze, Natural Polish, No. 1 Finish.....	7.00
Two Dozen in a Box.	

For Rim Locks.

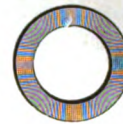
	Per Dozen
No. 2200—4 inch, Iron, Japanned.....	\$0.80
No. 3193—For No. 3193 Lock, Iron, Japanned.....	.80
No. 4020—For No. 4020 Latch, Iron, Japanned.....	.80
One Dozen in a Box.	

KNOB SCREWS



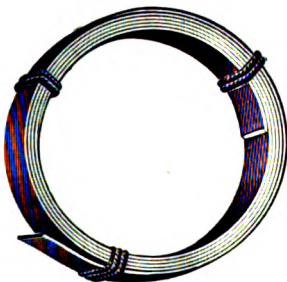
	Per Gross
No. 9— $\frac{3}{8}$ inch, Blued Knob Screws.....	\$0.70
One Gross in a Box.	

KNOB WASHERS



	Per Ounce
No. 516— $\frac{5}{16}$ inch Knob Washers.....	\$0.20
One Gross in a Box.	

LOCK SPRINGS

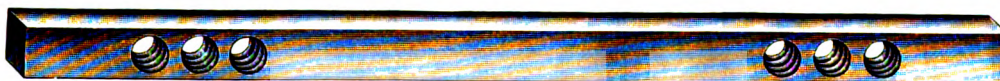
Flat Lock Spring.
Crucible Spring Steel.
In 5 Foot Coils.

	Per Coil
No. 332— $\frac{3}{32}$ inch, in 2 Ounce Coils.....	\$0.35
No. 532— $\frac{3}{32}$ inch, in 2 Ounce Coils.....	.35
No. 832— $\frac{1}{4}$ inch, in 2 Ounce Coils.....	.35



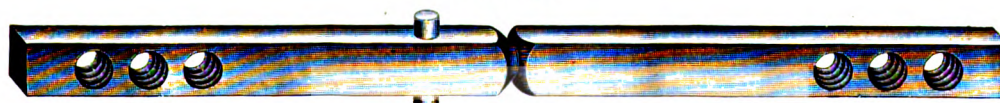
Wire Coil Lock Springs.

	Per Dozen
No. 5234—Phosphor Bronze Wire, 1 $\frac{1}{8}$ inches Long....	\$0.50

KNOB SPINDLES
PLAIN

	Per Dozen
No. 1— $\frac{7}{8}$ inch, Plain, 3 $\frac{1}{4}$ inches Long, 1 to 2 inch Extension.....	\$1.20
No. 2— $\frac{3}{8}$ inch, Plain, 3 $\frac{5}{8}$ inches Long, 1 $\frac{1}{4}$ to 2 $\frac{1}{4}$ inch Extension.....	1.20
One Dozen in a Box.	

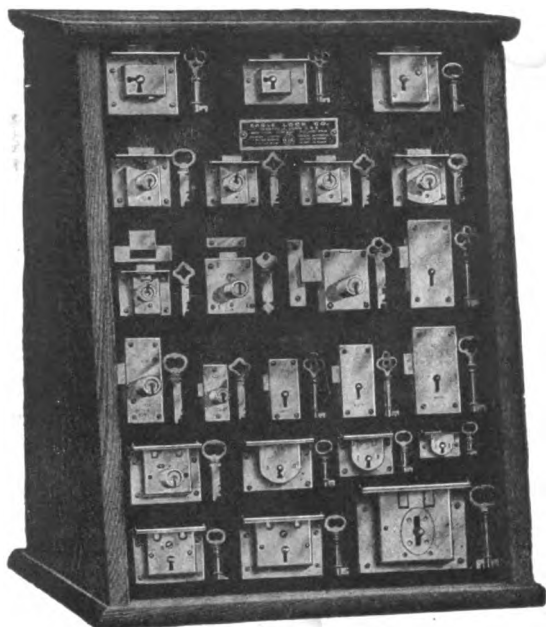
SWIVEL



	Per Dozen
No. 10— $\frac{7}{8}$ inch, Swivel, 4 $\frac{1}{2}$ inches Long, 1 $\frac{1}{4}$ to 2 $\frac{3}{4}$ inch Extension.....	\$2.75
No. 20— $\frac{3}{8}$ inch, Swivel, 5 $\frac{1}{2}$ inches Long, 1 $\frac{1}{2}$ to 3 $\frac{1}{4}$ inch Extension.....	3.50
One Dozen in a Box.	

CABINET LOCK ASSORTMENTS

EAGLE, IN DISPLAY AND STOCK CABINET



Front View.

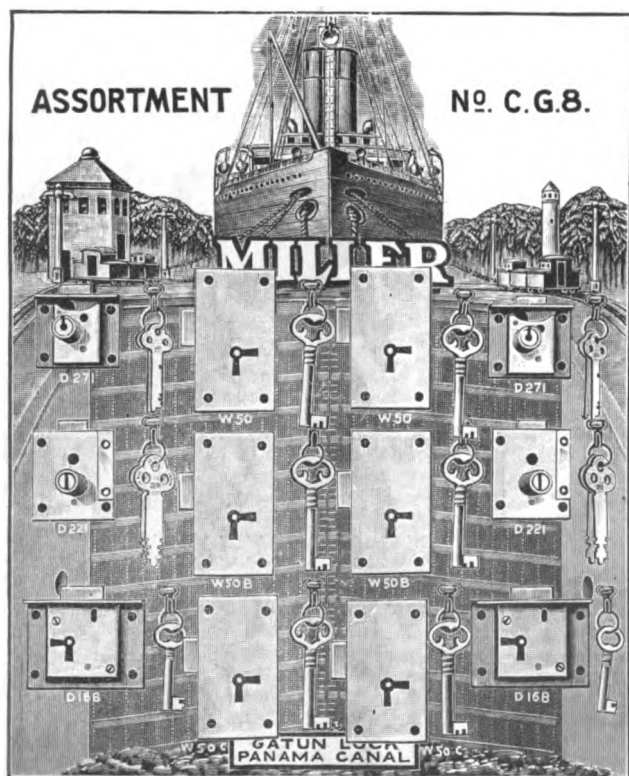
Hardwood Cabinet Nicely Finished.

CONTENTS OF NO. 22003 CABINET ASSORTMENT

13 Drawer Locks, No. 161	Retail Price Each, \$0.15
13 Drawer Locks, No. 72	Retail Price Each, .10
3 Drawer Locks, No. 237	Retail Price Each, .35
3 Drawer Locks, No. 01816	Retail Price Each, .40
3 Drawer Locks, No. 1921	Retail Price Each, .25
3 Drawer Locks, No. 01921	Retail Price Each, .35
3 Drawer Locks, No. 01901	Retail Price Each, .50
3 Drawer Locks, No. 1921 1/2	Retail Price Each, .40
3 Drawer Locks, No. 01848	Retail Price Each, .35
3 Locker Locks, No. 1986	Retail Price Each, .75
3 Wardrobe Locks, No. 158	Retail Price Each, .35
3 Wardrobe Locks, No. 6098	Retail Price Each, .60
3 Wardrobe Locks, No. 1055	Retail Price Each, .45
13 Wardrobe Locks, No. 1875 1/4	Retail Price Each, .10
13 Wardrobe Locks, No. 415 1/4	Retail Price Each, .10
13 Wardrobe Locks, No. 510	Retail Price Each, .15
3 Chest Locks, No. 6071 1/2	Retail Price Each, .75
7 Chest Locks, No. 166	Retail Price Each, .25
7 Chest Locks, No. 64	Retail Price Each, .20
13 Chest Locks, No. 43	Retail Price Each, .10
3 Chest Locks, No. 427	Retail Price Each, .35
3 Chest Locks, No. 410	Retail Price Each, .40
3 Chest Locks, No. 9	Retail Price Each, .60

No. 22003 Assortment—Size of Cabinet 19 inches High, 16 inches Wide, 11 1/2 inches Deep, on Front of Cabinet is Mounted 23 Styles of Locks, Rear of Cabinet Has Shelves for Stock, with Door, Contents of Assortment 11 5-12 Dozen Locks, Assortment of Styles Shown on the Front. **\$50.00**

This Cabinet is neat and convenient, nicely finished, and on the front are mounted 23 styles of Cabinet Locks, making an attractive show case. Place the Cabinet where it can be seen and the Locks will sell themselves. Weight of Cabinet and Contents 33 1/2 Pounds, Weight in Case for Shipment 63 Pounds, Each Cabinet Packed in Wooden Case.



No. CG8.

MILLER

No. CG8 Assortment—Consists of 12 Assorted Cabinet Locks as Described Below, Mounted on a 13x16 inch Fancy Easel Back Show Card. **\$5.00**

CONTENTS OF ASSORTMENT

2 No. D168—2 1/2 x 1 3/4 inch,	2 Tumbler Drawer Locks.
2 No. D221—1 3/4 x 2 inch,	2 Tumbler Cylinder Drawer Locks.
2 No. D271—1 3/4 x 1 1/4 inch,	2 Tumbler Cylinder Drawer Locks.
2 No. W50—3 x 1 3/4 inch,	1 Tumbler Wardrobe Locks.
2 No. W50B—3 x 1 3/4 inch,	1 Tumbler Wardrobe Locks, Brass Plated.
2 No. W50C—3 x 1 3/4 inch,	1 Tumbler Wardrobe Locks, Copper Plated.

All Locks can be used for Wardrobes, Cupboards or Drawers.

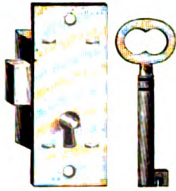
Each Lock is securely mounted on a card. The list number is printed under each lock.

Weight Per Assortment 3 1/8 Pounds.

One Assortment in a Box.

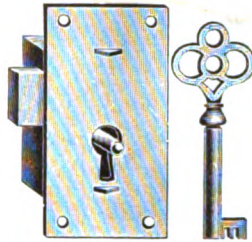
WARDROBE LOCKS

Cuts Half Size.



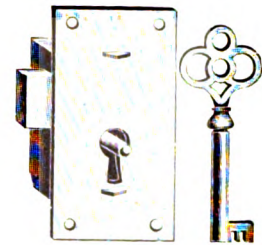
Eagle. Corbin. Yale. Per Dozen
No. 508—0700—WA1— $1\frac{7}{8} \times \frac{3}{4}$
 inch, **Brass**, Solid Square
 Box Bolt Shoots Right and
 Left, Tumbler, Flat Bow
 Key, 12 Keyed.....\$4.25

One Dozen in a Box.

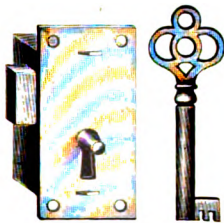


Eagle. Corbin. Yale. Per Dozen
No. 416—0702—WA3— $2\frac{1}{2} \times 1\frac{1}{4}$
 inch, **Brass**, Solid Square
 Box, Bolt Shoots Right and
 Left, Tumbler, Fancy Bow
 Key, 12 Keyed.....\$4.25

One Dozen in a Box.

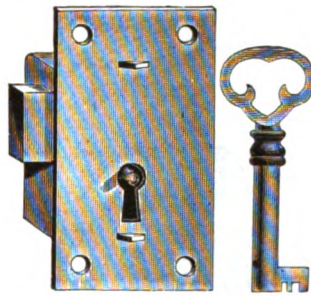


Eagle. Corbin. Yale. Per Dozen
No. 415 1/4—102B—W3 1/4— $2\frac{1}{2} \times$
 $1\frac{1}{4}$ inch, **Iron**, Unpolished,
 Solid Square Box, Bolt Shoots
 Right and Left, Tumbler,
 Fancy Bow Key, 12 Keyed..\$1.10
No. 415 1/4 C— $2\frac{1}{2} \times 1\frac{1}{4}$ inch, **Iron**,
 Unpolished, All Coppered,
 Otherwise Same as No.
 415 1/4 1.60
 One Dozen in a Box.



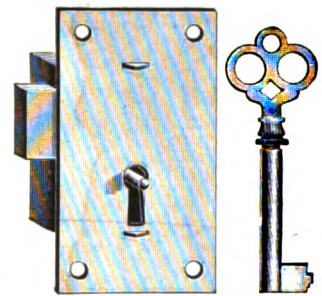
Eagle. Corbin. Yale. Per Dozen
No. 1875 1/4—701B—W2 1/4— 2×1
 inch, **Iron**, Unpolished, Solid
 Square Box, Bolt Shoots
 Right and Left, Tumbler,
 Fancy Bow Key, 12 Keyed..\$1.10

One Dozen in a Box.

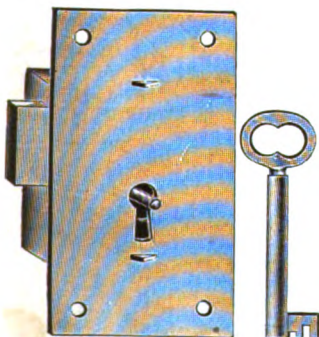


Eagle. Corbin. Yale. Per Dozen
No. 510—704—W7— $3 \times 1\frac{3}{4}$ inch,
Iron, Unpolished, Solid
 Square Box, Broad Bolt
 Shoots Right and Left, Tum-
 bler, Fancy Bow Key, 12
 Keyed\$1.40

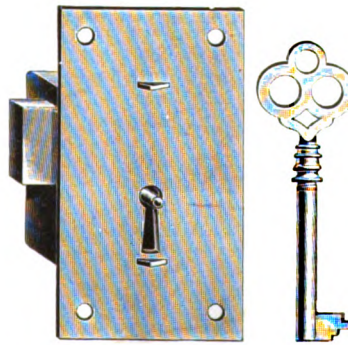
One Dozen in a Box.



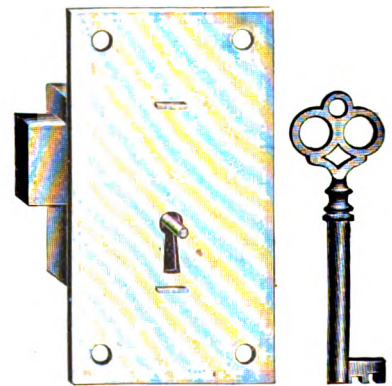
Eagle. Corbin. Yale. Per Dozen
No. 148—724—W46— $3 \times 1\frac{3}{4}$
 inch, **Iron**, **Brass Bolt**,
 Screwed, Solid Square Box,
 Broad Heavy Bolt Shoots
 Right and Left, 2 Secure
 Levers, Fancy Bow Keys, All
 Different in a Dozen, 12
 Keyed\$9.00
 One Dozen in a Box.



Eagle. Corbin. Yale. Per Dozen
No. 500 1/4—709B— $3\frac{1}{2} \times 2$ inch.
Iron, Unpolished, Solid
 Square Box, Broad Bolt
 Shoots Right and Left, Tum-
 bler, Plain Bow Keys, 12
 Keyed\$2.40
 One Dozen in a Box.



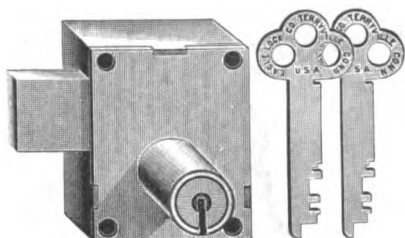
Eagle. Corbin. Yale. Per Dozen
No. 174—712—W52— $3\frac{1}{2} \times 2$
 inch, **Iron**, Solid Square
 Box, Broad Bolt Shoots
 Right and Left, 2 Secure
 Levers, 12 Changes, Fancy
 Bow Keys, 12 Keyed.....\$5.00
 One Dozen in a Box.



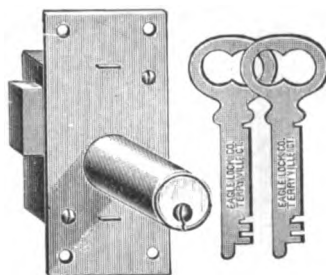
Eagle. Corbin. Yale. Per Dozen
No. 2119—717—W24— $4 \times 2\frac{1}{4}$
 inch, **Iron**, Unpolished, Solid
 Square Box, Broad Bolt
 Shoots Right and Left, Tum-
 bler, Fancy Bow Keys, 12
 Keyed\$2.80
 One Dozen in a Box.

WARDROBE AND LOCKER LOCKS

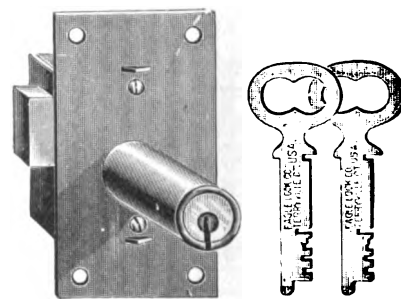
Cuts Half Size.



Eagle. Corbin. Yale. Per Dozen
 No. 1986—755—W120—2x1 3/4
 inch, Iron, Brass Bolt, Solid
 Square Box, Heavy Bolt
 Shoots Right and Left, 5
 Secure Levers, for 7/8 inch
 Wood, 2 Nickel Plated Flat
 Steel Keys, All Different in
 a Dozen, 24 Keyed.....\$15.50
 One-half Dozen in a Box.



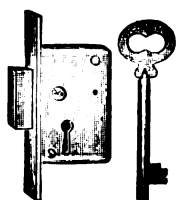
Eagle. Corbin. Yale. Per Dozen
 No. 6098—0750—WA102—2 3/4 x
 1 1/4 inch, All Brass, Solid
 Square Box, Screwed Bolt
 Shoots Right and Left, 2 Se-
 cure Levers, for 7/8 inch
 Wood, 2 Nickel Plated Flat
 Steel Keys, All Different in a
 Dozen, 24 Keyed.....\$14.00
 One-half Dozen in a Box.



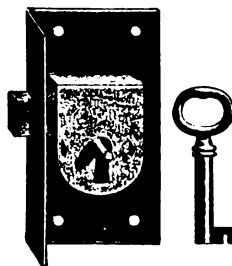
Eagle. Corbin. Yale. Per Dozen
 No. 6074—0751—WA103—3x1 3/4
 inch, All Brass, Solid Square
 Box, Screwed, Bolt Shoots
 Right and Left, 2 Secure
 Levers, for 7/8, 1 and 1 1/8
 inch Wood, 2 Nickel Plated
 Flat Steel Keys, All Different
 in a Dozen, 24 Keyed.....\$16.00
 One-half Dozen in a Box.

MEDICINE CASE LOCKS

Cuts Half Size.

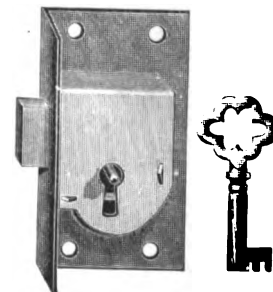


Per Dozen
 No. 326—2 inch, Mortise, Brass,
 Solid Square Box, Screwed,
 3/8 inch from Selvege to
 Center of Key Pin Hole, 1
 Solid Steel Key, 4 Changes...\$8.50
 One Dozen in a Box.



Eagle. Corbin. Yale. Per Dozen
 No. 58—203—P3—2 1/2 x1 3/8 inch,
 Iron, Back Spring, 3/8 inch
 from Selvege to Key Pin,
 Flat Bow Keys, 12 Keyed...\$2.00
 One Dozen in a Box.

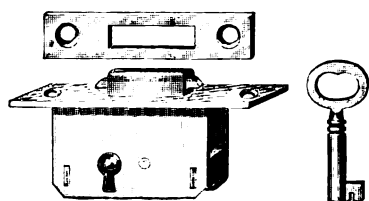
Cuts Half Size.



Eagle. Corbin. Yale. Per Dozen
 No. 117—204—P4—2 3/4 x1 1/2
 inch, Iron, Broad Bolt, Back
 Spring, 3/8 inch from Selvege
 to Key Pin, Flat Bow Keys,
 12 Keyed\$2.30
 One Dozen in a Box.

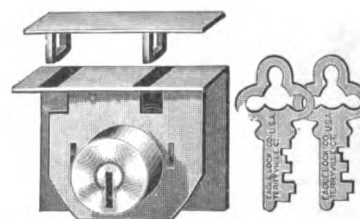
PIANO LOCKS

Cuts Half Size.



Eagle. Corbin. Yale. Per Dozen
 No. 197—880—S300—2 1/2 x1 inch, Brass, Selvege and
 Striker, Mortise, Double Hook Bolt, 3/8 inch from
 Selvege to Key Pin, Flat Bow Keys, 12 Keyed....\$6.50
 One Dozen in a Box.

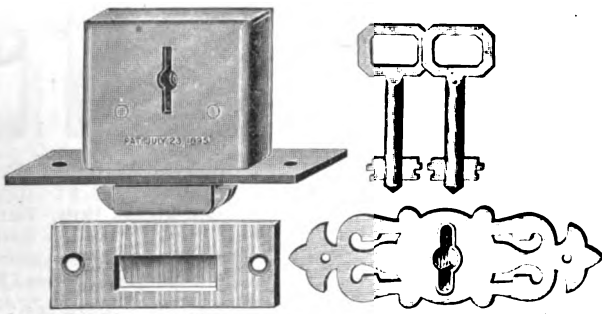
CASH BOX LOCKS



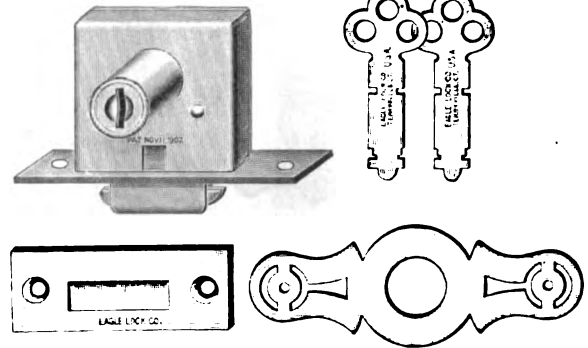
Eagle. Corbin. Yale. Per Dozen
 No. 498 1/2—829—S395—2x1 1/2 inch, Iron, Double Link,
 1 Secure Lever, Changes Alike, 1 inch from Selvege
 to Center of Key Cylinder, 2 Flat Steel Keys, 24
 Keyed\$2.50
 One Dozen in a Box.

DESK LOCKS

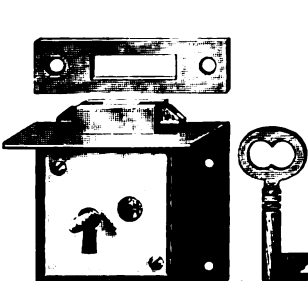
Cuts Half Size.



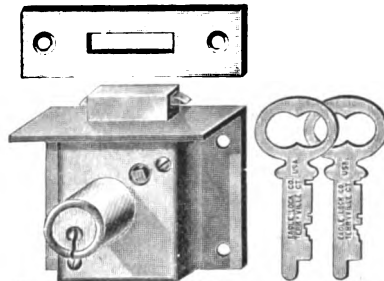
Eagle. Corbin. Yale. Per Dozen
 No. 1984C—47 1/2 C—S208—1 1/2 x 3 inches, Brass Sel-
 vedge, Self-closing Brass Striker, Wrought Brass
 Escutcheons, Self-Locking Mortise Solid Square Iron
 Box, 4 Secure Hook Tumblers and 1 Ward, 1 inch
 from Selvedge to Center of Key Hole, 2 Nickel Plat-
 ed Solid Steel Keys, All Different in a Dozen, 24
 Keyed\$10.00
 One Dozen in a Box, with Screws.



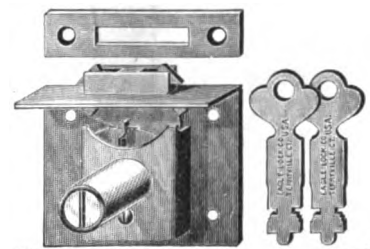
Eagle Per Dozen
 No. 2145C—1 1/2 x 3 inches, Brass Selvedge, Self-closing
 Brass Striker, Wrought Gilt Escutcheon, Self-Lock-
 ing, Mortise Solid Square Iron Box, 4 Secure Hook
 Tumblers, for 1 1/2 inch Desk Rail, 1 inch from Sel-
 vedge to Center of Key Cylinder, 2 Nickel Plated
 Flat Steel Keys, All Different in a Dozen, 24 Keyed.\$16.00
 One-half Dozen in a Box, with Screws.



Eagle. Corbin. Yale. Per Dozen
 No. 1242—67—S274—1 1/2 x 2 inch
 Iron, Square Selvedge, Double
 Hook Bolt, Solid Square Box,
 Screwed, 2 Secure Levers, 3/8
 inch from Selvedge to Key
 Pin, Fine Flat Bow Keys, All
 Different in a Dozen, 24
 Keyed\$11.50
 One Dozen in a Box.



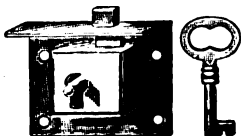
Eagle. Corbin. Yale. Per Dozen
 No. 1850—137—S290—1 1/2 x 2 inch
 Iron, Brass Bolt, Square Sel-
 vedge, Hook Bolt, Solid
 Square Box, Screwed, 3 Se-
 cure Levers, for 3/8 inch
 Wood, 3/8 inch from Selvedge
 to Center of Key Cylinder, 2
 Nickel Plated Flat Steel Keys,
 All Different in a Dozen, 24
 Keyed\$12.00
 One Dozen in a Box.



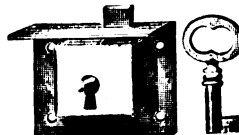
Eagle. Corbin. Yale. Per Dozen
 No. 01896—046—SA296—1 1/2 x 2
 inch, All Brass, Square Sel-
 vedge, Hook Bolt Solid
 Square Box, Screwed, 2 Se-
 cure Levers for 3/8 inch
 Wood, 3/8 inch from Selvedge
 to Center of Key Cylinder, 2
 Nickel Plated Flat Steel Keys
 All Different in a Dozen, 24
 Keyed\$14.00
 One Dozen in a Box.

DRAWER LOCKS

Cuts Half Size.



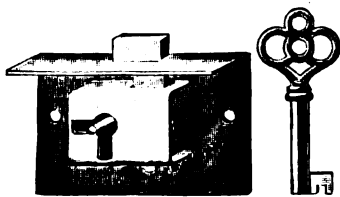
Eagle. Corbin. Yale. Per Dozen
 No. 46—0620—RA460—1 1/2 x 1 1/2
 inch, Brass Plate, Back Spring,
 3/8 inch from Selvedge to Key
 Pin, 12 Keyed.....\$1.75
 One Dozen in a Box



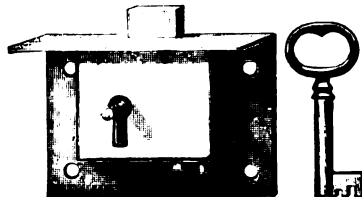
Eagle. Corbin. Yale. Per Dozen
 No. 135—620—R460—1 1/2 x 1 1/2
 inch, Iron, Back Spring, 3/8
 inch from Selvedge to Key
 Pin, 12 Keyed.....\$1.60
 One Dozen in a Box.



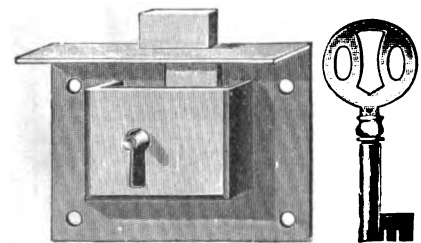
Eagle. Corbin. Yale. Per Dozen
 No. 71—622—R462—1 1/2 x 2 inch,
 Iron, 1 Ward, Back Spring, 3/8
 inch from Selvedge to Key
 Pin, 12 Keyed.....\$2.00
 One Dozen in a Box.



Eagle. Corbin. Yale. Per Dozen
 No. 72—626—R466—1 1/2 x 2 1/4
 inch, Iron, Double Key Hole,
 Back Spring, 3/8 inch from Sel-
 vedge to Key Pin, 12 Keyed..\$1.50
 One Dozen in a Box.



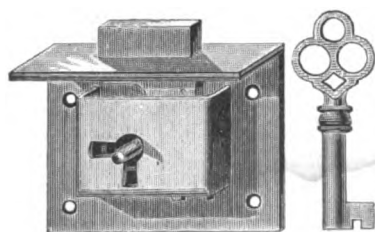
Eagle. Corbin. Yale. Per Dozen
 No. 98—627—R467—1 1/2 x 2 1/2
 inch, Iron, Back Spring, 3/8
 inch from Selvedge to Key
 Pin, 12 Keyed.....\$1.60
 One Dozen in a Box.



Eagle. Corbin. Yale. Per Dozen
 No. 48—632—R472—2 x 2 3/4 inch,
 Iron, Polished Cap, 1 Ward,
 Back Spring, 3/8 inch from
 Selvedge to Key Pin, 12
 Keyed\$2.50
 One Dozen in a Box.

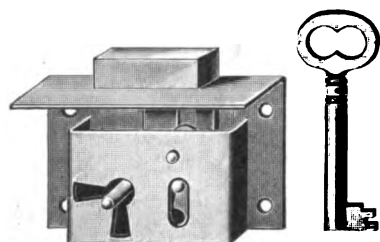
DRAWER LOCKS

Cuts Half Size.



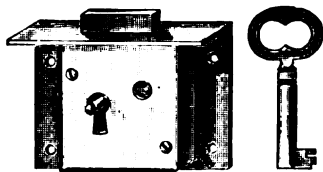
Eagle. Corbin. Yale. Per Dozen
No. 180—635—R475—2x2 1/2 inch,
 Iron, Square Brass Selvedge,
 Double Keyhole, 1 Ward,
 Back Spring, 7/8 inch from
 Selvedge to Key Pin, 12
 Keyed\$3.50

One Dozen in a Box.



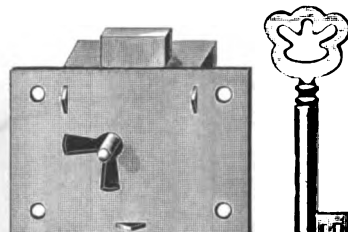
Eagle. Corbin. Per Dozen
No. 2121A—426A—1 5/8x2 1/2 inch,
 Iron, Broad Heavy Bolt,,
 Double Keyhole, 1 inch from
 Selvedge to Key Pin, 3 Se-
 cure Levers, Fine Flat Bow
 Keys, all Different in a Dozen,
 12 Keyed\$6.50

One Dozen in a Box.

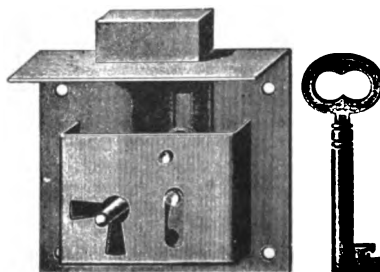


Eagle. Corbin. Yale. Per Dozen
No. 454—452—R101—1 5/8x2 inch,
 Iron, Square Selvedge, Solid
 Square Box, Screwed, Heavy
 Bolt, 5/8 inch from Selvedge
 to Key Pin, 2 Secure Levers,
 Fine Flat Bow Keys, all Dif-
 ferent in a Dozen, 12 Keyed. \$6.50

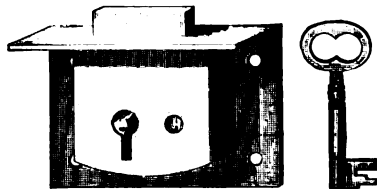
One Dozen in a Box.



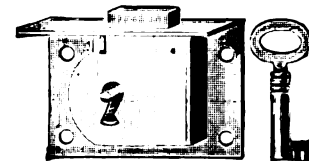
Eagle. Corbin. Yale. Per Dozen
No. 1866—408—R487—1 3/4x2 1/2
 inch, Iron, Solid Square Box,
 Double Keyhole, Back Spring,
 1 1/8 inch from Selvedge to Key
 Pin, 12 Keyed.....\$2.00
 One Dozen in a Box.



Eagle. Corbin. Per Dozen
No. 2122A—427A—2 1/8x2 3/4 inch,
 Iron, Broad Heavy Bolt, Dou-
 ble Keyhole, 1 1/4 inch from
 Selvedge to Key Pin, 3 Se-
 cure Levers, Fine Flat Bow
 Keys, all Different in a Dozen,
 12 Keyed\$9.00
No. 2122B—427B—2 3/8x2 3/4 inch,
 1 1/2 inch from Selvedge to
 Key Pin, Otherwise Same as
 No. 2122A 10.50
 One Dozen in a Box.

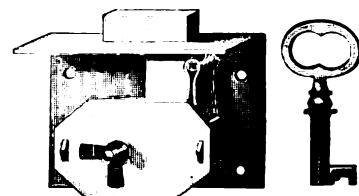


Eagle. Corbin. Yale. Per Dozen
No. 369—442—R92—1 1/8x2 1/2
 inch, Iron, Heavy Bolt,
 Square Selvedge, Tumbler
 and 4 Patent Wards, 7/8 inch
 from Selvedge to Key Pin,
 Fine Flat Bow Keys, all Dif-
 ferent in a Dozen, 12 Keyed. \$7.00
 One Dozen in a Box.



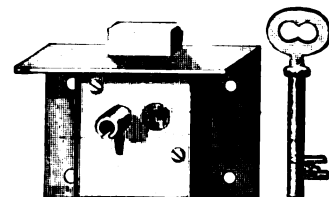
Eagle. Corbin. Yale. Per Dozen
No. 96—430—R80—1 3/8x2 inch,
 Iron, Broad Brass Bolt, Tum-
 bler and Ward, 5/8 inch from
 Selvedge to Key Pin, Assort-
 ed, 6 Changes in a Dozen, 12
 Keyed\$4.00

One Dozen in a Box.



Eagle. Corbin. Yale. Per Dozen
No. 312—411—R2—1 1/8x2 1/4 inch,
 Iron, Broad Heavy Bolt, Ger-
 man Tumbler and Ward,
 Double Keyhole, 1 1/8 inch from
 Selvedge to Key Pin, 12
 Keyed\$4.50

One Dozen in a Box.

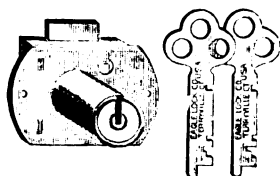


Eagle. Corbin. Yale. Per Dozen
No. 561—572—R250—1 1/8x2 1/4
 inch, Iron, Square Selvedge,
 Solid Square Box, Screwed,
 Broad Heavy Bolt, 5/8 inch
 from Selvedge to Center of
 Tube, 2 Secure Levers, Solid
 Nickel Plated Keys, with
 Steel Bit, all Different in a
 Dozen, 12 Keyed\$10.00

One Dozen in a Box.

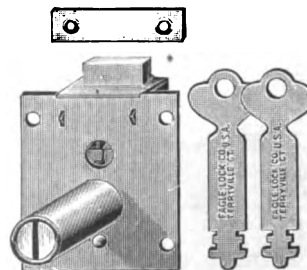
CYLINDER DRAWER LOCKS

Cuts Half Size.



Eagle. Per Dozen
No. 2152—1x1 1/2 inch, Iron, 2 Secure Levers, for 1/2
 inch Wood, 1/2 inch from Selvedge to Center of Key
 Cylinder, 2 Nickel Plated Flat Steel Keys, all Dif-
 ferent in a Dozen, 24 Keyed.....\$6.00
No. 02152—1x1 1/2 inch, All Brass, Otherwise Same as
 No. 2152 9.00

One Dozen in a Box.

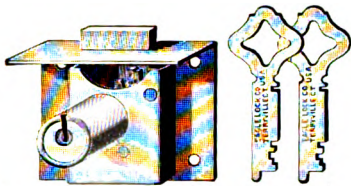


Eagle. Corbin. Yale. Per Dozen
No. 1848—699—R360—1 7/8x1 3/4 inch, Iron, 2 Secure
 Levers, for 7/8 inch Wood, 1 1/4 inch from Selvedge
 to Center of Key Cylinder, 2 Nickel Plated Flat
 Steel Keys, all Different in a Dozen, 24 Keyed....\$6.25
No. 01848—0699—RA360—1 7/8x1 3/4 inch, All Brass,
 Otherwise Same as No. 1848. 7.50

One Dozen in a Box.

CYLINDER DRAWER LOCKS

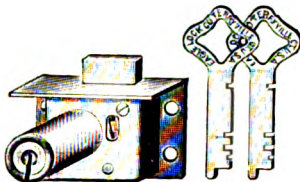
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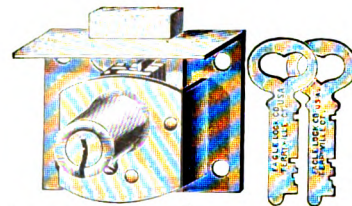
- Eagle. Corbin. Yale. Per Dozen
 No. **1921**—590—R295— $1\frac{1}{8} \times 1\frac{3}{4}$ inch, Iron, Broad Heavy Bolt, 2 Secure Levers, for $\frac{7}{8}$ inch Wood, $\frac{3}{4}$ inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed\$6.00
 No. **01921**—0590—RA295— $1\frac{1}{8} \times 1\frac{3}{4}$ inch, all Brass, Otherwise Same as No. 1921..... 7.00
 One Dozen in a Box.



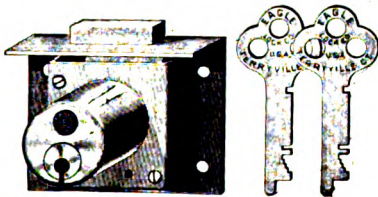
- Eagle. Corbin. Yale. Per Dozen
 No. **1816**—592 $\frac{1}{2}$ —R300— $1\frac{1}{8} \times 2$ inch, Iron, Brass Bolt, Broad, 2 Secure Levers, for $\frac{7}{8}$ inch Wood, $\frac{7}{8}$ inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed\$8.25
 No. **01816**—0592 $\frac{1}{2}$ —RA300— $1\frac{1}{8} \times 2$ inch, all Brass, Otherwise Same as No. 1816..... 9.00
 One Dozen in a Box.



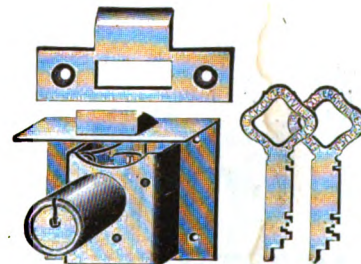
- Eagle. Corbin. Yale. Per Dozen
 No. **1996**—590 $\frac{1}{2}$ —R294— $1\frac{1}{2} \times 1$ inch, Iron, Brass Bolt, Solid Square Box, Screwed, 3 Secure Levers, for $\frac{7}{8}$ inch Wood, $\frac{1}{2}$ inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed.....\$6.50
 One Dozen in a Box.



- Eagle. Corbin. Yale. Per Dozen
 No. **01901**—0675—RA395— $1\frac{1}{8} \times 2$ inch, Cast Brass, Square Selvedge, Broad Heavy Bolt, Screwed, 3 Secure Levers, for $\frac{7}{8}$ inch Wood, $\frac{7}{8}$ inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed\$10.00
 One Dozen in a Box.

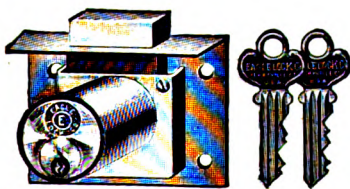


- Eagle. Corbin. Yale. Per Dozen
 No. **02260**—0664—RA410— $1\frac{1}{8} \times 2$ inch, all Brass, Square Selvedge, Solid Square Box, Screwed, Broad Heavy Bolt, 4 Secure Levers, for $\frac{7}{8}$ inch Wood, $\frac{3}{4}$ inch from Selvedge to Center of Key Cylinder, 120 Changes, 2 Nickel Plated Flat Steel Keys, 24 Keyed\$19.00
 One Dozen in a Box.

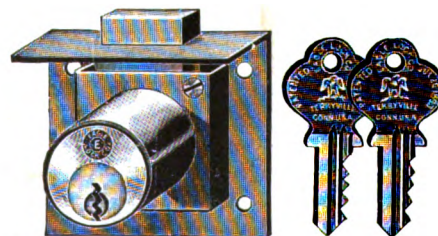


- Eagle. Corbin. Yale. Per Dozen
 No. **01921** $\frac{1}{2}$ —0590 $\frac{3}{4}$ — $1\frac{1}{8} \times 1\frac{3}{4}$ inch, all Brass, Latch Bolt, Self-locking, 2 Secure Levers, for $\frac{7}{8}$ inch Wood, $\frac{3}{4}$ inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed.....\$11.50
 One Dozen in a Box.

PIN TUMBLER



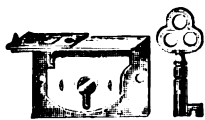
- Eagle. Corbin. Yale. Per Dozen
 No. **03201**—0665—5550-3— $1\frac{1}{8} \times 2$ inch, all Brass, $\frac{7}{8}$ inch Cylinder, Square Selvedge, Broad Bolt, Screwed, for $\frac{7}{8}$ inch Wood, $\frac{3}{4}$ inch from Selvedge to Center of Key Cylinder, Changes Unlimited, 2 Embossed Gilt Bow German Silver Keys, 24 Keyed\$27.00
 One-twelfth Dozen in a Box.



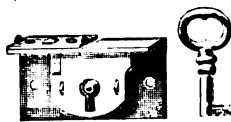
- Eagle. Corbin. Yale. Per Dozen
 No. **03210**—0686—560-3— $2\frac{1}{8} \times 2\frac{1}{4}$ inch, all Brass, $1\frac{1}{8}$ inch Cylinder, Square Selvedge, Broad Heavy Bolt, Screwed, for $\frac{7}{8}$ inch Wood, 1 inch from Selvedge to Center of Key Cylinder, Changes Unlimited, 2 Embossed Gilt Bow German Silver Keys, 24 Keyed.....\$31.00
 One-twelfth Dozen in a Box.

CHEST LOCKS

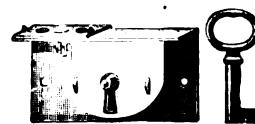
Cuts Half Size.



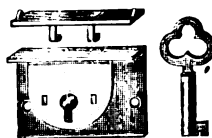
Eagle. Corbin. Yale. Per Dozen
No. 42—01—SA21— $1\frac{1}{2}$ x1 $\frac{1}{4}$ inch,
Brass Plate, Single Link,
Back Spring, $\frac{1}{8}$ inch from
Selvedge to Key Pin, Plain
Keys, 12 Keyed.....\$1.75
One Dozen in a Box.



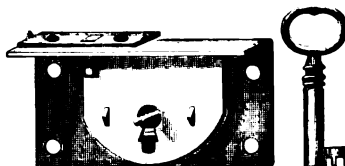
Eagle. Corbin. Yale. Per Dozen
No. 55—2—S22— $1\frac{1}{2}$ x1 $\frac{1}{2}$ inch,
Iron, Single Link, Back
Spring, $\frac{1}{8}$ inch from Selvedge
to Key Pin, Plain Keys, 12
Keyed.....\$1.75
One Dozen in a Box.



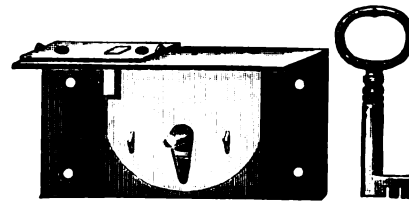
Eagle. Corbin. Yale. Per Dozen
No. 45—03—SA24—1x1 $\frac{3}{4}$ inch,
Brass Plate, Single Link,
Back Spring, $\frac{1}{2}$ inch from
Selvedge to Key Pin, Plain
Keys, 12 Keyed.....\$2.25
One Dozen in a Box.



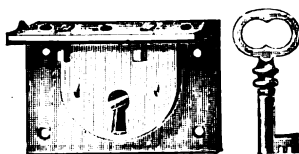
Eagle. Corbin. Yale. Per Dozen
No. 189—050—SA60— $1\frac{1}{2}$ x1 $\frac{1}{4}$
inch, Brass Plate, Square Sel-
vedge, Double Link, Tumbler,
 $\frac{1}{2}$ inch from Selvedge to Key
Pin, Plain Keys, 12 Keyed..\$5.50
One Dozen in a Box.



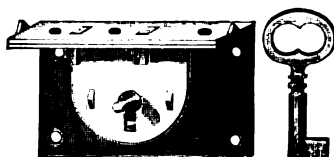
Eagle. Corbin. Yale. Per Dozen
No. 133—6—S27—1 $\frac{1}{8}$ x2 $\frac{1}{2}$ inch,
Iron, Single Link, Back
Spring, 1 Ward, $\frac{3}{4}$ inch from
Selvedge to Key Pin, Fancy
Keys, 12 Keyed.....\$2.50
One Dozen in a Box.



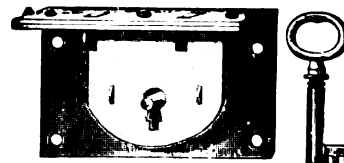
Eagle. Corbin. Yale. Per Dozen
No. 141—8—S29—1 $\frac{1}{8}$ x3 inch,
Iron, Single Link, Back
Spring, 1 Ward, $\frac{1}{8}$ inch from
Selvedge to Key Pin, Taper
Keys, 12 Keyed.....\$2.30
One Dozen in a Box.



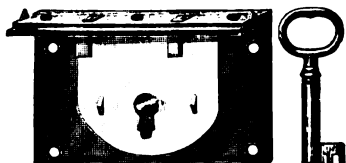
Eagle. Corbin. Yale. Per Dozen
No. 64—32—S2—1 $\frac{1}{4}$ x2 inch,
Iron, Double Link, Back
Spring, 1 Ward, $\frac{3}{4}$ inch from
Selvedge to Key Pin, Plain
Keys, 12 Keyed.....\$4.00
One Dozen in a Box.



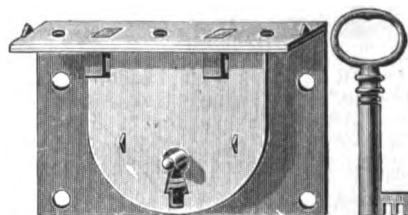
Eagle. Corbin. Yale. Per Dozen
No. 105—033—SA3—1 $\frac{3}{4}$ x2 $\frac{1}{4}$
inch, Brass Plate, Double
Link, Back Spring, 1 Ward,
 $\frac{3}{4}$ inch from Selvedge to Key
Pin, Plain Keys, 12 Keyed..\$5.50
One Dozen in a Box.



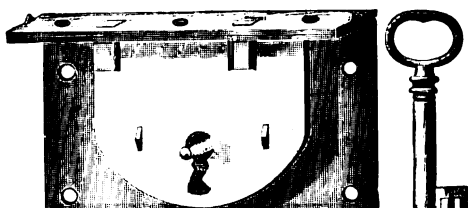
Eagle. Corbin. Yale. Per Dozen
No. 160—34—S4—1 $\frac{1}{8}$ x2 $\frac{1}{2}$ inch,
Iron, Double Link, Back
Spring, 1 Ward, 4 Changes to
a Dozen, $\frac{1}{8}$ inch from Sel-
vedge to Key Pin, Fancy
Keys, 12 Keyed.....\$4.50
One Dozen in a Box.



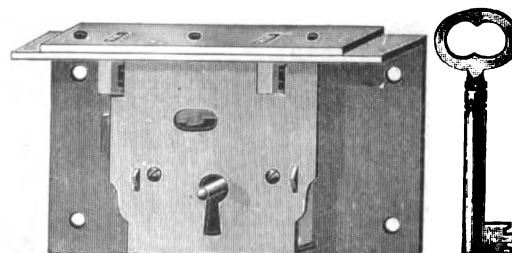
Eagle. Corbin. Yale. Per Dozen
No. 28—056—SA65—1 $\frac{1}{8}$ x2 $\frac{3}{4}$ inch, Brass Plate, Double
Link, Tumbler, 1 Ward, 3 Changes to a Dozen, $\frac{3}{8}$
inch from Selvedge to Key Pin, Fancy Keys, 12
Keyed.....\$6.50
One Dozen in a Box.



Eagle. Corbin. Yale. Per Dozen
No. 160—36—S6—2x3 inch, Iron, Double Link, Back
Spring, 1 Ward, 3 Changes to a Dozen, 1 $\frac{1}{8}$ inch
from Selvedge to Key Pin, Fancy Keys, 12 Keyed..\$5.50
One Dozen in a Box.



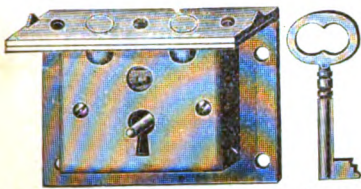
Eagle. Corbin. Yale. Per Dozen
No. 83—38—S8—2 $\frac{1}{4}$ x3 $\frac{1}{2}$ inch, Iron, Double Link, Back
Spring, 1 Ward, 3 Changes to a Dozen, 1 $\frac{1}{4}$ inch
from Selvedge to Key Pin, Fancy Keys, 12 Keyed..\$6.00
One Dozen in a Box.



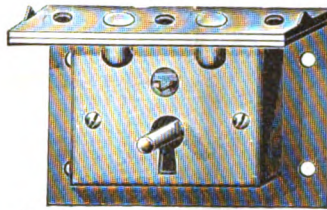
Eagle. Corbin. Yale. Per Dozen
No. 203—73—S78—2 $\frac{1}{4}$ x4 inch, Iron, Double Link,
Screwed, 2 Secure Levers, 1 $\frac{1}{2}$ inch from Selvedge
to Key Pin, Fine Flat Bow Keys, all Different in a
Dozen, 12 Keyed.....\$9.50
One Dozen in a Box.

CHEST LOCKS

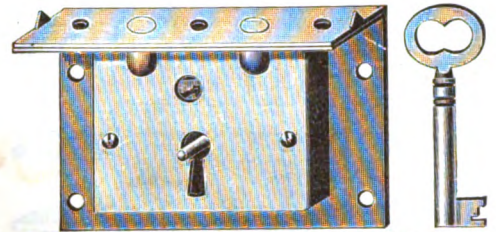
Cuts Half Size.



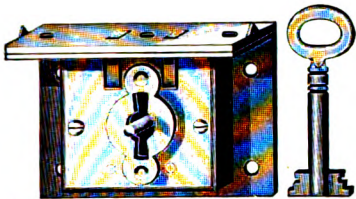
Eagle. Corbin. Yale. Per Dozen
No. 427—104—S114— $1\frac{1}{8} \times 2\frac{1}{2}$ inch, Iron, Square Selvedge, Solid Square Box, Double Link, 2 Secure Levers, Screwed, $\frac{1}{8}$ inch from Selvedge to Key Pin, Fine Flat Bow Keys, 12 Keyed.....\$7.75
One Dozen in a Box.



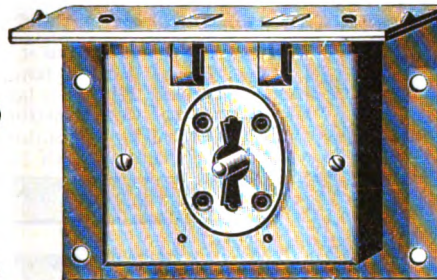
Eagle. Corbin. Yale. Per Dozen
No. 410—106—S117— $1\frac{1}{8} \times 3$ inch, Iron, Square Selvedge, Solid Square Box, Double Link, Screwed, 2 Secure Levers, 1 inch from Selvedge to Key Pin, Fine Flat Bow Keys, all Different in a Dozen, 12 Keyed\$9.00
One Dozen in a Box.



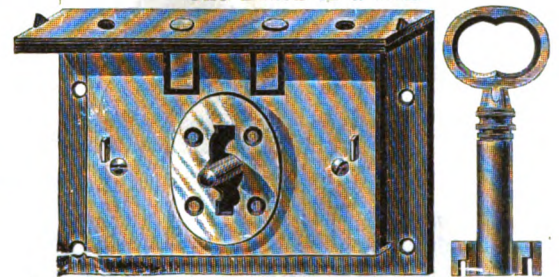
Eagle. Corbin. Yale. Per Dozen
No. 408—709—S120— $2\frac{1}{4} \times 3\frac{1}{2}$ inch, Iron, Square Selvedge, Solid Square Box, Double Link, Screwed, 2 Secure Levers, $1\frac{1}{8}$ inch from Selvedge to Key Pin, Fine Flat Bow Keys, all Different in a Dozen, 12 Keyed.....\$10.00
Eagle. Corbin. Yale.
No. 409—0110—SA121— $2\frac{1}{4} \times 3\frac{1}{2}$ inch, all Brass, Otherwise Same as No. 408..... 14.50
One Dozen in a Box.



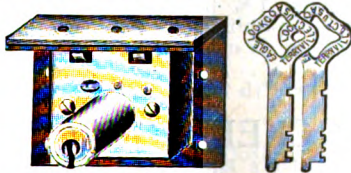
Eagle. Corbin. Yale. Per Dozen
No. 583—80—S82— $1\frac{1}{8} \times 2\frac{1}{2}$ inch, Iron, Square Selvedge, Double Link, Self-locking, Screwed, Brass Escutcheon, 4 Hook Tumblers, 2 Wards, $\frac{7}{8}$ inch from Selvedge to Key Pin, Double Bitted Keys, all Different in a Dozen, 12 Keyed\$11.00
Eagle. Corbin. Yale. Per Dozen
No. 1977—88—S89— $1\frac{1}{8} \times 3$ inch, Iron, 1 inch from Selvedge to Key Pin, Otherwise Same as No. 583 11.50
One Dozen in a Box.



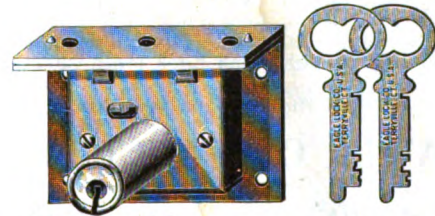
Eagle. Corbin. Yale. Per Dozen
No. 9—85—S86— $2\frac{1}{8} \times 4$ inch, Iron, Square Selvedge, Double Link, Self-locking, Screwed, Brass Escutcheon, 4 Hook Tumblers, 2 Wards, $1\frac{3}{8}$ inch from Selvedge to Key Pin, Double Bitted Keys, all Different in a Dozen, 12 Keyed.\$13.00
One-half Dozen in a Box.



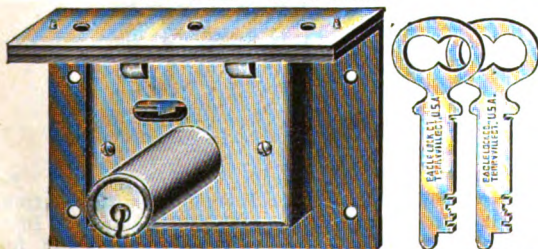
Eagle. Corbin. Yale. Per Dozen
No. 175—86—S87— $2\frac{1}{8} \times 4$ inch, Iron, Square Selvedge, Double Link, Self-locking, Screwed, Brass Escutcheon, Secret Ward, $1\frac{1}{8}$ inch from Selvedge to Key Pin, Double Bitted Keys, all Different in a Dozen, 12 Keyed.....\$14.50
One-half Dozen in a Box.



Eagle. Corbin. Yale. Per Dozen
No. 02126—0142P—SA162— $1\frac{1}{2} \times 2$ inch, all Brass, Square Polished Selvedge, Solid Square Box, Screwed, Double Link, 3 Secure Levers, for $\frac{3}{4}$ inch Wood, $\frac{7}{8}$ inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed.....\$13.50
One Dozen in a Box.

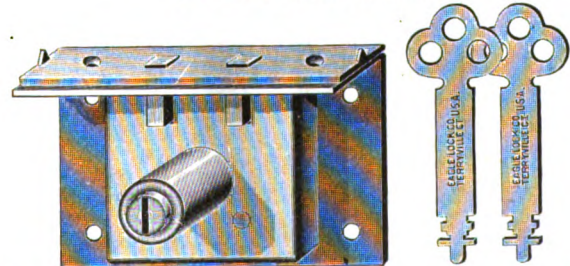


Eagle. Corbin. Yale. Per Dozen
No. 6071—0144P—SA164— $1\frac{1}{8} \times 2\frac{1}{2}$ inch, all Brass, Square Polished Selvedge, Solid Square Box, Screwed, Double Link, 4 Secure Levers, for 1 inch Wood, 1 inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed.....\$17.00
One-half Dozen in a Box.



Eagle. Corbin. Yale. Per Dozen
No. 6069—0146P—SA166— $2\frac{5}{8} \times 3\frac{1}{2}$ inch, all Brass, Square Polished Selvedge, Solid Square Box, Screwed, Double Link, 4 Secure Levers, for 1 inch Wood, $1\frac{1}{4}$ inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed.....\$22.00

One-half Dozen in a Box.

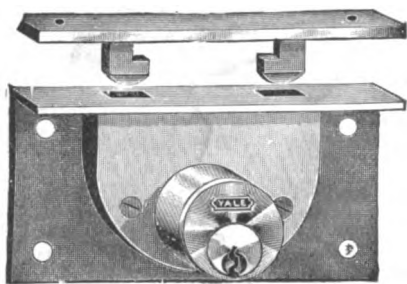


Eagle. Corbin. Per Dozen
No. 1961—78— $2\frac{3}{8} \times 3\frac{1}{2}$ inch, Iron, Self-locking, Solid Square Box, Double Link, 4 Hook Tumblers, 2 Wards, for 1 inch Wood, $1\frac{1}{8}$ inch from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, all Different in a Dozen, 24 Keyed....\$17.00
No. 01961—078— $2\frac{3}{8} \times 3\frac{1}{2}$ inch, All Brass, Otherwise Same as No. 1961..... 23.00
One-half Dozen in a Box.

CHEST LOCKS

Cuts Half Size.

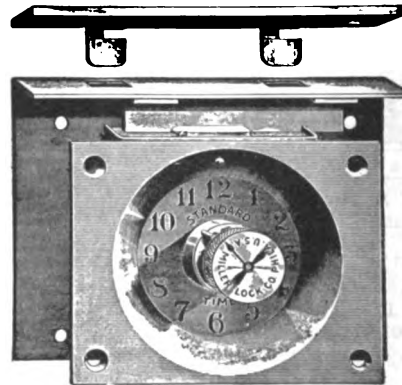
YALE PARACENTRIC



Per Dozen

- No. 523—2x4 inch, 1 1/4 inch Drop, All Brass, Double Link, Screwed, Brass Buffed Cylinder 1 1/2 inch diameter for 1 1/2 inch Wood, Changes Unlimited, 2 Nickel Bronze Coined Gold Plated Paracentric Keys, 24 Keyed \$52.00
One-twelfth Dozen in a Box.

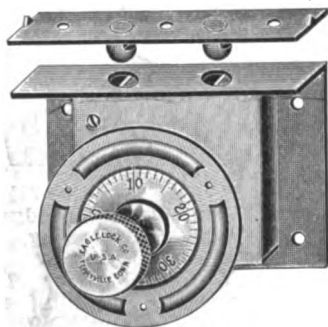
KEYLESS STANDARD TIME COMBINATION



Per Dozen

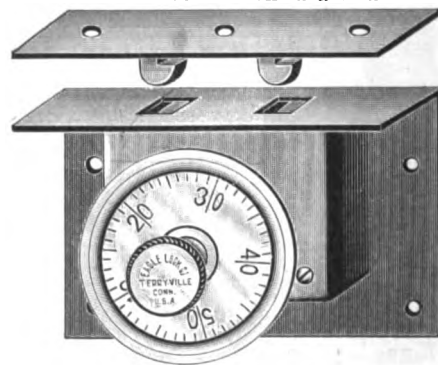
- No. 3380—3x4 inch, All Brass, Dipped Bright Case and Keeper, Nickel Plated Knob Flush with Chest, 7/8 inch Diameter Nickel Plated Tube, for 1 3/8 inch Wood and up, Combinations All Different..... \$52.00
Has same standard time combination as Nos. 3332 and 3360.
One-twelfth Dozen in a Box.

COMBINATION



Per Dozen

- No. 2003—2 1/2 x3 inch, All Brass, Self-Locking, Square Selvedge, Solid Square Box, Screwed, Nickel Plated Knob and Dial, for 1 inch Wood, 1 3/8 inches from Selvedge to Center of Knob, Combinations Can be Changed without Removing Lock from Chest, 1000 Changes \$46.00
One-twelfth Dozen in a Box.



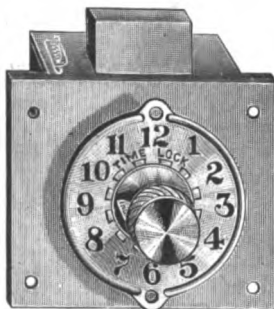
Per Dozen

- No. 2001—2 3/4 x4 inch, All Brass, Self-Locking, Square Selvedge, Solid Square Box, Screwed, Nickel Plated Knob and Dial, Adjustable for 1 to 1 1/4 inch Thickness of Wood, 1 3/8 inches from Selvedge to Center of Knob, Combination Can be Changed without Removing Lock from Chest, 1000 Changes \$54.00
One-twelfth Dozen in a Box.

DRAWER OR VAULT LOCKS

Cuts Half Size.

STANDARD TIME COMBINATION



Per Dozen

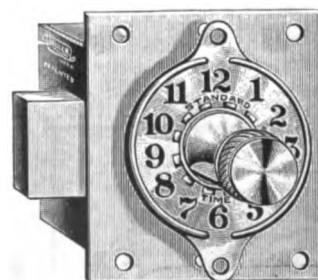
- No. 3360—2 3/4 x2 1/2 inch, All Brass, 1 1/4 inches from Selvedge to Center, 2 inch Nickel Plated Dial, Nickel Plated Knob, 7/8 inch Diameter Tube, for Doors 3/8 to 1 1/4 inches Thick, Combinations All Different in Large Series, Can Readily be Changed, Complete with Directions \$25.00

Practical, Simple,
Secure, Strong,
Serviceable,
Non-Pickable.

LOCKER LOCKS

Cuts Half Size.

STANDARD TIME COMBINATION



Per Dozen

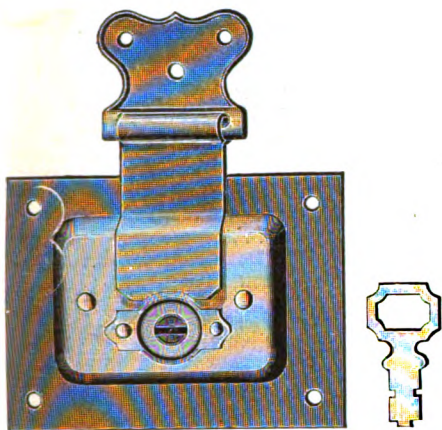
- No. 3332—2 1/2 x2 3/4 inch, All Brass, 1 1/4 inches from Selvedge to Center, 2 inch Nickel Plated Dial, Nickel Plated Knob, 7/8 inch Diameter Tube, for Doors 1/2 to 3/4 inch Thick, Combinations All Different in Large Series, Can Readily be Changed, Complete with Directions \$25.00

Opened in 5 seconds or less by turning the Knob and Pointer to the proper Dial Marks in succession. This is done by aid of Light, or by Touch, or by Sound, at discretion. It will click or not click. The operator takes his choice every time. The O'Clock Dial, familiar to everyone, renders the operation easy. It is all as simple as the time of day. Its many novel and excellent features make it the most satisfactory lock extant for use upon Lockers of every description.

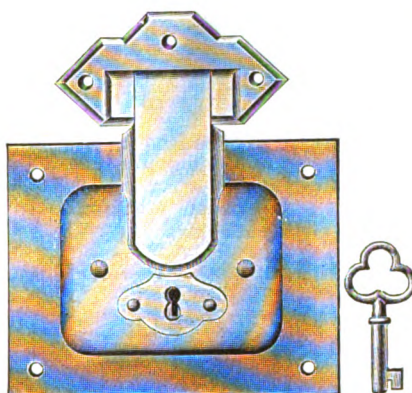
Note—When ordering Nos. 3360 and 3332 state Hand and Thickness of Door, furnished to order for Metal Doors.
One-twelfth Dozen in a Box, with Screws.

TRUNK LOCKS

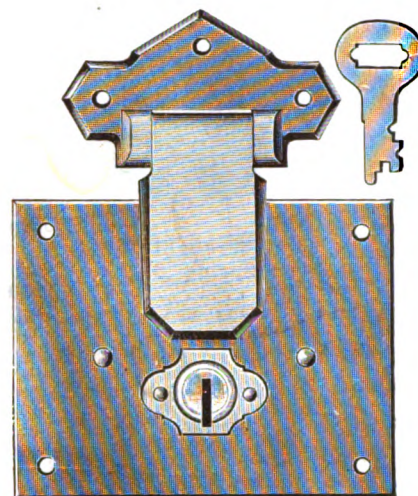
Cuts Half Size.



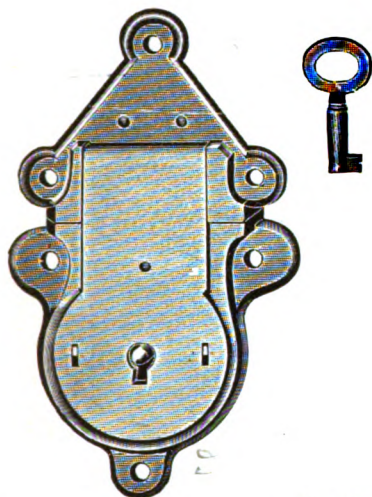
No. 8117—2 5/8 x 3 1/2 inch, Iron, Black Japanned, Tin Escutcheon, Flat Steel Double Bit-
ted Keys, 12 Keyed.....\$2.20
One Dozen in a Box.



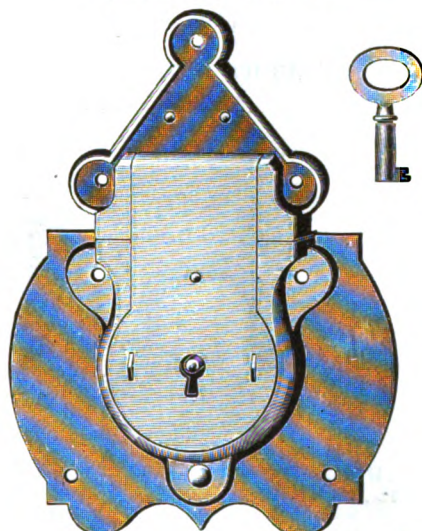
No. 8353—2 5/8 x 3 1/2 inch, Iron, Black Japanned, Tin Escutcheon, Solid Spring Stop Hasp, Solid Keys, 12 Keyed.....\$2.75
One Dozen in a Box.



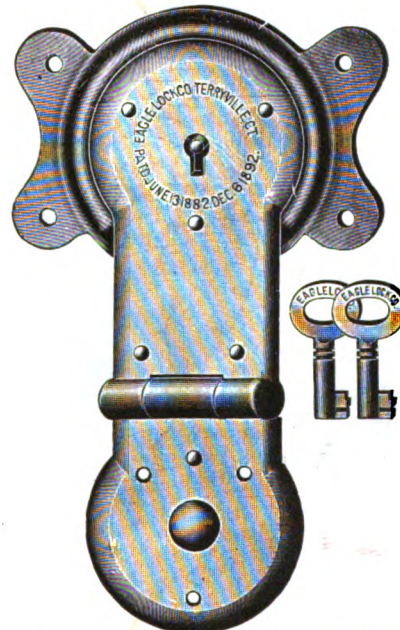
No. 8277—3x4 inch, Iron, Black Japanned, Brass Escutcheon, Solid Spring Stop Hasp, Flat Steel Keys, 12 Keyed.....\$3.00
One Dozen in a Box.



No. 08179—5x3 inch, Iron, All Brass Plated, Unpolished, Guard Cup, Flat Bow Keys, 12 Keyed.....\$3.20
One Dozen in a Box.



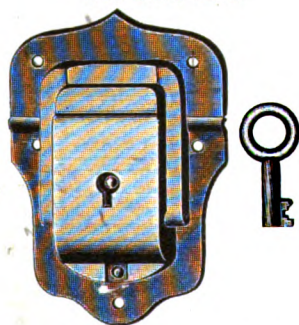
No. 08199—5 1/2 x 4 inch, Iron, All Brass Plated, Unpolished, Guard Cup, Flat Bow Keys, 12 Keyed.....\$3.70
One Dozen in a Box.



No. 8411 1/2 — 6 1/2 x 3 3/4 inch, Wrought Iron, Brass Plated, Guard Cup, 2 Secure Levers, 2 Flat Bow Keys, 24 Keyed.....\$6.50
One Dozen in a Box.

SUIT CASE LOCKS AND CATCHES COMBINED

Cut Half Size.



No. 8368—2 1/4 x 3 3/8 inch, Steel, Buffed and Brass Plated, Secure Lever, Brass Plated Keys, 12 Keyed.....\$6.00
One Dozen in a Box.

SUIT CASE CATCHES

Cut Half Size.



Wrought Brass.

No. 863 — 2 inch, Polished Brass.....\$1.25
No. 863N—2 inch Nickel Plated Brass.....1.50
Two Dozen in a Box.

PADLOCKS

Cuts Half Size.

WROUGHT BRASS



Per Dozen
No. 30— $\frac{3}{8}$ inch, Wrought Brass,
Self-locking Spring Shackle,
One Bit Key.....\$3.00
Weight Per Dozen $\frac{1}{4}$ Pound.
One Dozen in a Box.



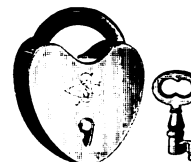
Per Dozen
No. 31— $\frac{3}{4}$ inch, Wrought Brass,
Self-locking Spring Shackle,
One Bit Key.....\$3.50
Weight Per Dozen $\frac{3}{8}$ Pound.
One Dozen in a Box.



Per Dozen
No. 32—1 in. Wrought Brass,
Self-locking Spring Shackle,
One Bit Key.....\$4.00
Weight Per Dozen $\frac{1}{2}$ Pound.
One Dozen in a Box.



Per Dozen
No. 33—1 $\frac{1}{8}$ inch, Wrought Brass, Self-locking Spring
Shackle, One Bit Key.....\$4.50
Weight Per Dozen $\frac{3}{4}$ Pound.
One Dozen in a Box.

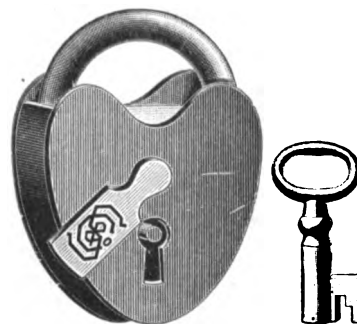


Per Dozen
No. 34—1 $\frac{1}{4}$ inch, Wrought Brass, Self-locking Spring
Shackle, One Bit Key.....\$5.00
Weight Per Dozen 1 Pound.
One Dozen in a Box.

WROUGHT IRON

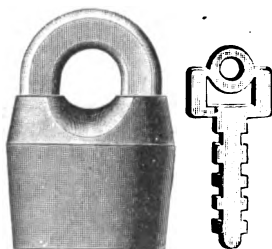


Per Dozen
No. 202—2 $\frac{1}{4}$ inch, Wrought Iron, Japanned, Brass
Drop, Wrought Tumbler, 1 Key.....\$3.00
Weight Per Dozen 2 $\frac{3}{4}$ Pounds.
One Dozen in a Box.



Per Dozen
No. 301—2 $\frac{1}{2}$ inch, Wrought Iron, Japanned, Brass
Drop, Wrought Tumbler, 1 Key.....\$3.75
Weight Per Dozen 3 Pounds.
One Dozen in a Box.

SCANDINAVIAN



Per Dozen
No. 983—1 $\frac{3}{4}$ inch, Japanned, Malleable Iron Shackle,
Bright Malleable Iron Fast Shackle, Wrought Tum-
blers, Two Flat Steel Keys.....\$6.00
No. 984—2 $\frac{1}{4}$ inch, Japanned Malleable Iron Shackle,
Bright Malleable Iron Fast Shackle, Wrought Tum-
blers, Two Flat Steel Keys.....7.00

One-half Dozen in a Box.



Per Dozen
No. 983C—1 $\frac{3}{4}$ inch, Japanned Malleable Iron Shackle,
Bright Malleable Iron Fast Shackle, Wrought Tum-
blers, Two Flat Steel Keys, Tinned Iron Chain...\$8.00
One-half Dozen in a Box.

PADLOCKS

Cuts Half Size.



Per Dozen

- No. 95—1 $\frac{1}{8}$ inch, Black Enameled Steel Case, Bright Nickelled Malleable Iron Self-locking Spring Shackle, 2 Nickel Plated Steel Keys.....\$1.75
Weight Per Dozen 1 $\frac{1}{4}$ Pounds.
One Dozen in a Box.



Per Dozen

- No. 16—1 $\frac{1}{8}$ inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Self-locking Shackle, 6 Changes, 2 Nickel Plated Flat Steel Keys.....\$2.00
No. 16B—Brass Plated Case and Shackle, Otherwise Same as No. 16..... 2.00
Weight Per Dozen 1 Pound.



Per Dozen

- No. 21B—2 inch, Brass Plated Steel Case, Brass Plated Malleable Iron Self-locking Spring Shackle, 12 Changes, 2 Nickel Plated Flat Steel Keys.....\$3.00
Weight Per Dozen 2 $\frac{7}{8}$ Pounds.
One-half Dozen in a Box.



Per Dozen

- No. 76—2 inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Self-locking Automatic Shackle, Brass Interior Parts, 4 Levers, 12 Changes, 2 Nickel Plated Flat Steel Keys.....\$6.00
No. 77—2 inch, Buffed Bright Case and Shackle Otherwise Same as No. 76.....\$6.00
Weight Per Dozen 3 $\frac{1}{8}$ Pounds.
One-half Dozen in a Box.



Per Dozen

- No. 100B—1 $\frac{1}{2}$ inch, Brass Plated Steel Case, Brass Plated Malleable Iron Self-locking Spring Shackle, 2 Nickel Plated Steel Keys.....\$2.00
Weight Per Dozen 1 $\frac{1}{8}$ Pounds.
One Dozen in a Box.



Per Dozen

- No. 18—1 $\frac{1}{2}$ inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Self-locking Shackle, 6 Changes, 2 Nickel Plated Flat Steel Keys.....\$2.25
No. 18B—Brass Plated Case and Shackle, Otherwise Same as No. 18..... 2.25
Weight Per Dozen 1 $\frac{1}{2}$ Pounds.
One Dozen in a Box.



Per Dozen

- No. 96—2 inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Self-locking Shackle, 3 Levers, 12 Changes, 2 Nickel Plated Flat Steel Keys.....\$3.50
Weight Per Dozen 3 $\frac{1}{8}$ Pounds.
One-half Dozen in a Box.



Per Dozen

- No. 04181—2 inch, Dipped Brass Case, Black Nickelled Malleable Iron Self-locking Spring Shackle, 2 Secure Levers, 3 Wards, 12 Changes, 2 Nickel Plated Flat Steel Keys.....\$5.50
Weight Per Dozen 3 $\frac{1}{2}$ Pounds.
One-half Dozen in a Box.



Per Dozen

- No. 242—R. F. D., 1 $\frac{3}{4}$ inch, Dipped Brass Case, Galvanized Malleable Iron Self-locking Shackle, Brass Interior Parts, 2 Flat Steel Keys to Each Lock and 1 Master Key to the Dozen.....\$6.00
Weight Per Dozen 2 $\frac{3}{8}$ Pounds.
One Dozen in a Box.



Per Dozen

- No. 19—1 $\frac{3}{4}$ in., Black Enameled Steel Case, Nickel Plated Malleable Iron Self-locking Shackle, 12 Changes, 2 Nickel Plated Flat Steel Keys.....\$2.50
No. 19B—Brass Plated Case and Shackle, Otherwise Same as No. 19..... 2.50
Weight Per Dozen 2 $\frac{3}{8}$ Pounds.
One Dozen in a Box.



Per Dozen

- No. 2906 $\frac{3}{4}$ —2 inch, Brass Plated Wrought Steel Case, Brass Plated Steel Self-locking Spring Shackle, 5 Changes, 2 Nickel Plated Flat Steel Keys.....\$2.75
Weight Per Dozen 3 Pounds.
One Dozen in a Box.



Per Dozen

- No. 04179—1 $\frac{1}{2}$ inch, Dipped Brass Case, Black Nickelled Malleable Iron Self-locking Spring Shackle, 2 Secure Levers, 3 Wards, 12 Changes, 2 Nickel Plated Flat Steel Keys.....\$4.50
Weight Per Dozen 1 $\frac{1}{2}$ Pounds.
One Dozen in a Box.

PADLOCKS

Cuts Half Size.



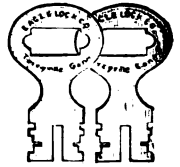
Per Dozen

- No. 5441—2 inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Self-locking Spring Shackle, All Brass Interior Parts, Closely Fitted Gun Metal Springs, 6 Levers, 144 Changes, 2 Nickel Plated Steel Keys\$8.00
Weight Per Dozen 3 1/4 Pounds.
One-half Dozen in a Box.



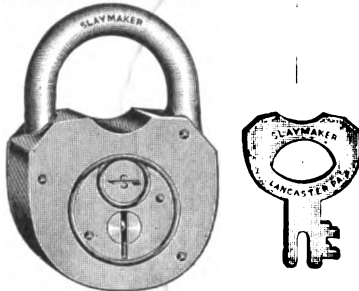
Per Dozen

- No. 5441C—2 inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, All Brass Interior Parts, Closely Fitted Gun Metal Spring, 6 Levers, 144 Changes, 2 Nickel Plated Steel Keys, with 8 inch Steel Chain\$10.00
One-half Dozen in a Box.



Per Dozen

- No. 4034—2 inch, Dipped Brass Case, Dipped Brass Self-locking Spring Shackle, 6 Secure Levers, 12 Changes, 2 Double Bitted Flat Steel Keys....\$11.00
One-half Dozen in a Box.



Per Dozen

- No. 6160—2 inch, Olive Green Wrought Steel Case, Nickel Plated Malleable Iron Shackle, 2 Levers to Heel of Shackle, Interlocking Bolt to Nose, 3 Plates, 2 Nickel Plated Flat Steel Keys.....\$4.00
Weight Per Dozen 3 1/4 Pounds.
One Dozen in a Box.

Shackles are Bolted at Nose as Well as the Heel, which gives Additional Strength and Security.



Extra Thick Case, Ornamental Escutcheon, Solid Brass Rivets.

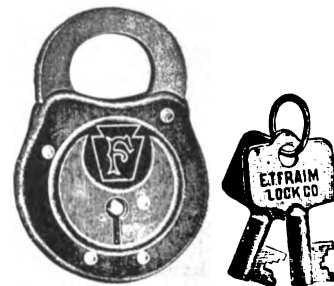
Per Dozen

- No. 88—1 1/2 inch, Black Enameled Steel Case, Brass Plated Malleable Iron Shackle, Brass Plated Steel Escutcheon, 12 Changes, 2 Nickel Plated Steel Keys\$4.00
No. 88B—1 1/2 inch, Brass Plated Case, Black Oxidized Shackle and Escutcheon, Otherwise Same as No. 88. 4.00
No. 88G—1 1/2 inch, Galvanized Case and Shackle, Otherwise Same as No. 88. 4.00
One-half Dozen in a Box.



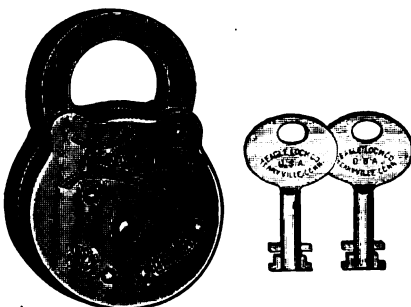
Per Dozen

- No. 140—2 inch, Black Enameled Heavy Pressed Steel Case, Nickel Plated Steel Shackle, Interlocking Bolt and Levers, Lock to Both Heel and Nose of Shackle, 2 Drilled Keys.....\$3.50
Weight Per Dozen 3 1/4 Pounds.
One-half Dozen in a Box.



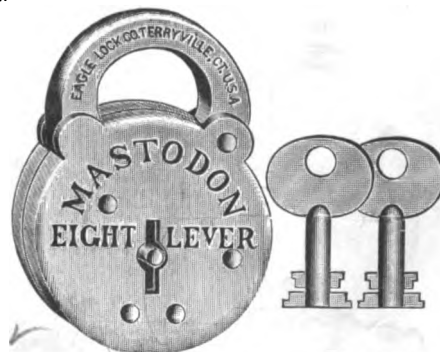
Per Dozen

- No. 895—2 inch, Brass Plated Steel Case, Brass Plated Heavy Steel Self-locking Spring Shackle, 24 Changes, 2 Nickel Plated Malleable Iron Keys.....\$5.00
One-half Dozen in a Box.



Per Dozen

- No. 4127 1/4—2 inch Brass Plated Iron Case, Brass Plated Malleable Iron Self-locking Spring Shackle, 6 Secure Levers, 12 Changes, 2 Nickel Plated Double Bitted Keys..\$4.50
Weight Per Dozen 5 1/2 Pounds.
One-half Dozen in a Box.



Per Dozen

- No. 4132—2 1/2 inch, Bright Iron Case, Bright Iron Self-locking Spring Shackle, 8 Secure Levers, 12 Changes, 2 Nickel Plated Double Bitted Keys..\$7.00
Weight Per Dozen 8 1/2 Pounds.
One-half Dozen in a Box.



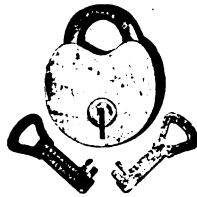
Wrought Steel Case, Malleable Iron Shackle, 6 Secure Levers, All Different in a Dozen, 2 Brass Plated Double Bitted Malleable Iron Keys.

Per Dozen

- No. 25—Assorted, 6 Locks with Brass Plated Case and Shackle, and 6 Locks with Black Japanned Case and Nickel Plated Shackle.....\$4.50
Weight Per Dozen 4 1/2 Pounds.
One Dozen in a Box.

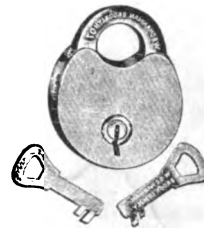
PADLOCKS

Cuts Half Size.



No. 070—1 $\frac{1}{8}$ inch, **Bronze Metal**, Spring Shackle, Self-locking, 12 Changes, 2 Flat Steel Keys.....\$9.00
Weight Per Dozen $\frac{7}{8}$ Pound.
One Dozen in a Box.

Per Dozen



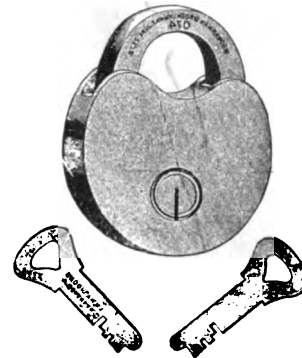
No. 071—1 $\frac{1}{8}$ inch, **Bronze Metal**, Spring Shackle, Self-locking, 12 Changes, 2 Flat Steel Keys.....\$10.00
Weight Per Dozen 1 $\frac{1}{8}$ Pounds.
One Dozen in a Box.

Per Dozen



No. 072—1 $\frac{1}{2}$ inch, **Bronze Metal**, Self-locking, Spring Shackle, 3 Tumblers, 12 Changes, 2 Flat Steel Keys\$15.00
Weight Per Dozen 2 $\frac{1}{4}$ Pounds.
One Dozen in a Box.

Per Dozen



No. 074—2 inch, **Bronze Metal**, Self-locking, Spring Shackle, 3 Tumblers, 12 Changes, 2 Flat Steel Keys\$18.00
Weight Per Dozen 4 $\frac{1}{2}$ Pounds.
One-half Dozen in a Box.

Per Dozen



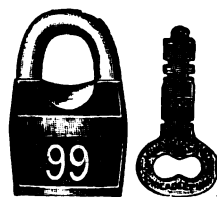
No. 526—2 $\frac{1}{4}$ inch, **Bronze Metal**, Spring Shackle, Self-locking, 3 Tumblers, 24 Changes, 2 Improved Flat Steel Keys, with Steel Chain.....\$20.00
Weight Per Dozen 8 Pounds.
One-half Dozen in a Box.

Per Dozen



No. 525—2 $\frac{1}{4}$ inch, **Bronze Metal**, Spring Shackle, Self-locking, 3 Tumblers, 24 Changes, 2 Improved Flat Steel Keys\$18.00
Weight Per Dozen 6 Pounds.
One-half Dozen in a Box.

Per Dozen



No. 99—1 $\frac{1}{8}$ inch, **Bronze Metal Case**, Attractively Finished, Highly Polished, Bronze Metal Self-locking Spring Shackle, 3 Tumblers, 6 Changes, 2 Nickel Plated Flat Steel Keys.....\$9.00
Weight Per Dozen 3 $\frac{1}{8}$ Pounds.
One-half Dozen in a Box.

Per Dozen



No. 999—1 $\frac{5}{8}$ inch, **Bronze Metal Case**, Attractively Finished, Highly Polished, Bronze Metal Self-locking Spring Shackle, 3 Tumblers, 6 Changes, 2 Nickel Plated Flat Steel Keys.....\$11.00
Weight Per Dozen 6 $\frac{1}{8}$ Pounds.
One-half Dozen in a Box.

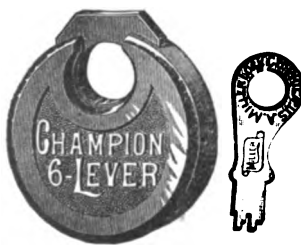
Per Dozen

PADLOCKS

Cuts Half Size.



- No. 125—2 1/4 inch, Cast Brass Case and Self-Locking Spring Shackle, Brass Interior Parts, Gun Metal Springs, 12 Changes, 2 Nickel Plated Flat Steel Keys\$11.00
Weight Per Dozen 5 1/2 Pounds.
One-half Dozen in a Box.



- No. 1—2 1/4 inch, Gun Metal Case and Self-Locking Spring Shackle, Brass Interior Parts, Gun Metal Springs, 6 Non-Pickable Levers, 2 Nickel Plated Flat Steel Keys\$14.00
No. 1A—Keyed Alike, Otherwise Same as No. 1 14.00
Weight Per Dozen 5 1/8 Pounds.
One-half Dozen in a Box.



- No. 1XC—2 1/4 inch, Gun Metal Case and Self-Locking Spring Shackle, Brass Interior Parts, Gun Metal Springs, 6 Non-Pickable Levers, 2 Nickel Plated Flat Steel Keys, with 8 inch Steel Chain\$16.00
Weight Per Dozen 7 Pounds.
One-half Dozen in a Box.



New Convex Key Center, Button Head Rivets, Large Shackle Opening, Unusually Handsome and Classy.

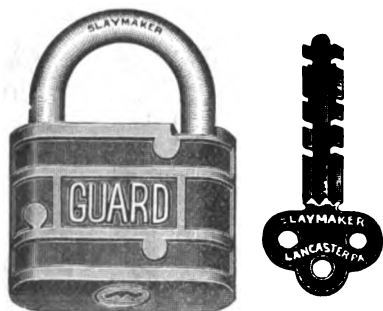
- No. 180—2 1/2 inch, Polished Heavy Brass Shell, 1/2 inch Diameter Coppered Steel Rod Self-Locking Spring Shackle, Spring Lever Works, Brass Formed Cylinder, 2 Nickel Plated Extra Heavy Steel Keys\$6.00
Weight Per Dozen 4 1/4 Pounds.
One-half Dozen in a Box.



- No. 3901—2 1/2 inch, Polished Cast Brass Case, Nickel Plated Steel Rod Automatic Action Shackle, Patented Shackle Stop, Spring Lever Works, Formed Brass Cylinder, Key Changes All Different, 2 Nickel Plated Heavy Steel Keys\$6.00
Weight Per Dozen 4 3/4 Pounds.
One-half Dozen in a Box.



- No. 410—2 inch, Rose Enameled Brass Trimmed Formed Steel Case, Nickel Plated Steel Rod Self-Locking Spring Shackle, Slotted Key Cylinder, 2 Nickel Plated Corrugated Keys\$7.00
Weight Per Dozen 5 3/4 Pounds.
One-half Dozen in a Box.



- No. 1902—1 1/2 inch, Cast Brass Case, Black Copper Oxide Finish Steel Rod Automatic Self-Locking Spring Shackle, Slotted Brass Key Cylinder, 2 Nickel Plated Corrugated Steel Keys\$5.50
Weight Per Dozen 2 5/8 Pounds.
One-half Dozen in a Box.



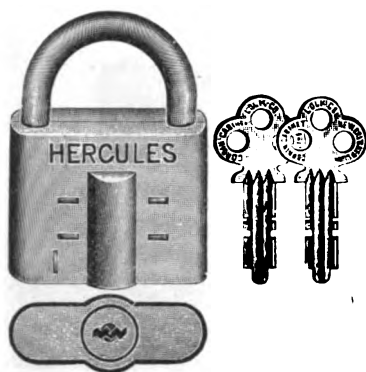
- No. 4187—1 1/2 inch, Bower Barffed Iron Case, Nickel Plated Iron Automatic Spring Shackle, Pin Tumblers, All Different in a Dozen, 2 Embossed Bow Corrugated German Silver Keys, Weight Per Dozen 4 1/4 Lbs.\$18.00
No. 4188—1 3/4 inch, Otherwise Same as No. 4187, Weight Per Dozen 5 1/4 Lbs. 20.00
One-twelfth Dozen in a Box.



- No. 4189—2 inch, Bower Barffed Iron Case, Nickel Plated Iron Automatic Spring Shackle, Pin Tumblers, All Different in a Dozen, 2 Embossed Bow Corrugated German Silver Keys\$24.00
Weight Per Dozen 6 3/8 Pounds.
One-twelfth Dozen in a Box.

PADLOCKS

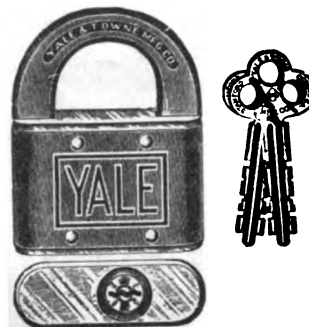
Cuts Half Size.



Per Dozen
 No. 981 $\frac{1}{4}$ —2 inch, Brass Plated Wrought Steel Case, Brass Plated Wrought Steel Self-Locking Spring Shackle, 6 Changes, 2 Nickel Plated Corrugated Steel Keys.....\$4.50
 Weight Per Dozen $3\frac{1}{4}$ Pounds.
 One-half Dozen in a Box.



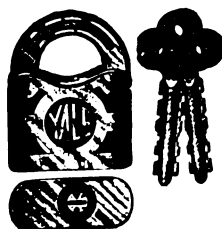
Per Dozen
 No. 826—2 $\frac{1}{4}$ inch, Nubian Finish Iron Case, Copper Plated Steel Discs, Copper Plated Steel Self-Locking Shackle, Steel Inside Parts, Warded, 6 Changes, 2 Flat Nickel Plated Steel Keys...\$12.00
 Weight Per Dozen 7 Pounds.
 One-half Dozen in a Box.



Per Dozen
 No. 8454—2 inch, Bower-Barffed Seamless Case, Bower-Barffed Steel Self-Locking Shackle, 4 Lever Tumblers, 144 Changes, 2 Nickel Plated Corrugated Steel Keys.....\$23.00
 Weight Per Dozen $3\frac{1}{2}$ Pounds.
 One-half Dozen in a Box.



Per Dozen
 No. 805F—2 inch, Bower-Barffed Iron Case, Buffed Bronze Self-Locking Shackle, 4 Pin Tumblers, 144 Changes, 2 Nickel Plated Flat Steel Keys.....\$18.00
 Weight Per Dozen $7\frac{1}{2}$ Pounds.
 One-half Dozen in a Box.



Per Dozen
 No. 823—1 $\frac{1}{4}$ inch, Cast Bronze Case and Self-Locking Shackle, Nicely Finished, 3 Lever Tumblers, 48 Changes, 2 Fluted Nickel Bronze Coined Gold Plated Bow Keys.....\$24.00
 Weight Per Dozen $2\frac{1}{2}$ Pounds.
 One-half Dozen in a Box.



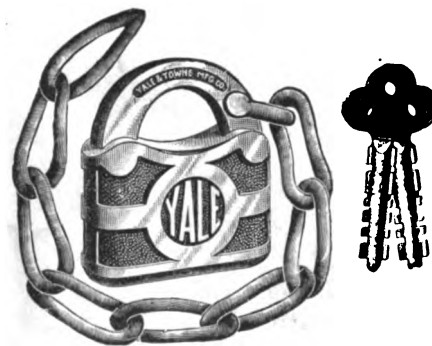
Per Dozen
 No. 833—1 $\frac{1}{4}$ inch, Cast Bronze Case and Self-Locking Shackle, Nicely Finished, 3 Lever Tumblers, 48 Changes, 2 Fluted Nickel Bronze Coined Gold Plated Bow Keys.....\$27.00
 Weight Per Dozen 4 Pounds.
 One-half Dozen in a Box.



Per Dozen
 No. 843—1 $\frac{1}{4}$ inch, Cast Bronze Case and Self-Locking Shackle, Nicely Finished, 4 Lever Tumblers, 72 Changes, 2 Fluted Nickel Bronze Coined Gold Plated Bow Keys.....\$30.00
 Weight Per Dozen $5\frac{1}{4}$ Pounds.
 One-half Dozen in a Box.



Per Dozen
 No. 853—2 inch, Cast Bronze Case and Self-Locking Shackle, Nicely Finished, 4 Lever Tumblers, 144 Changes, 2 Fluted Nickel Bronze Coined Gold Plated Bow Keys.....\$34.00
 Weight Per Dozen 8 Pounds.
 One-half Dozen in a Box.



Per Dozen
 No. 853 $\frac{1}{2}$ —2 inch, Cast Bronze Case and Self-Locking Shackle, Nicely Finished, 4 Lever Tumblers, 144 Changes, 2 Fluted Nickel Bronze Coined Gold Plated Bow Keys, with 9 inch No. 14T Tinned Iron Curb Chain.....\$38.00
 Weight Per Dozen $9\frac{1}{4}$ Pounds.
 One-quarter Dozen in a Box.

PADLOCK ASSORTMENT

Cuts Half Size.



No. Z Assortment—Consists of One Dozen Assorted Padlocks, Three Styles, Two Finishes, with 2 Flat Steel Keys for Each Lock, Mounted on a 13x16 inch Padlock Pattern Show Card **\$2.00** Per Assortment

CONTENTS OF ASSORTMENT

- 2 No. 95 —1 $\frac{1}{4}$ inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 10c Each.
- 2 No. 95B—1 $\frac{1}{4}$ inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 10c Each.
- 2 No. 100 —1 $\frac{1}{2}$ inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 10c Each.
- 2 No. 100B—1 $\frac{1}{2}$ inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 10c Each.
- 2 No. 1805 —1 $\frac{1}{2}$ inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 10c Each.
- 2 No. 1805B—1 $\frac{1}{2}$ inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 10c Each.

Weight Per Assortment 2 $\frac{3}{4}$ Pounds.
One Assortment in a Box.

PADLOCK ASSORTMENT

Cuts Half Size.



No. E Assortment—Consists of One Dozen Assorted Padlocks, One Style, Three Finishes, with 2 Flat Steel Keys to Each Lock, Mounted on a 16x3 inch Fancy Lithographed Show Card, with Easel Back. **\$2.75**

CONTENTS OF ASSORTMENT

- 4 No. 1905 —1 $\frac{7}{8}$ inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 25¢ Each.
 4 No. 1905A —1 $\frac{7}{8}$ inch, Antique Copper Finish Steel Case, Antique Copper Finish Malleable Iron Shackle, to Retail at 25¢ Each.
 4 No. 1905B —1 $\frac{7}{8}$ inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 25¢ Each.

Weight Per Assortment 3 $\frac{3}{8}$ Pounds.

One Assortment in a Box.

PADLOCK ASSORTMENT

Cuts Half Size.



No. D Assortment—Consists of One Dozen Assorted Padlocks, Eight Styles, Five Finishes, with Two Flat Steel Keys to Each Lock, Mounted on a 16x13 inch Lithographed Show Card, with Easel Back.....\$4.00

CONTENTS OF ASSORTMENT

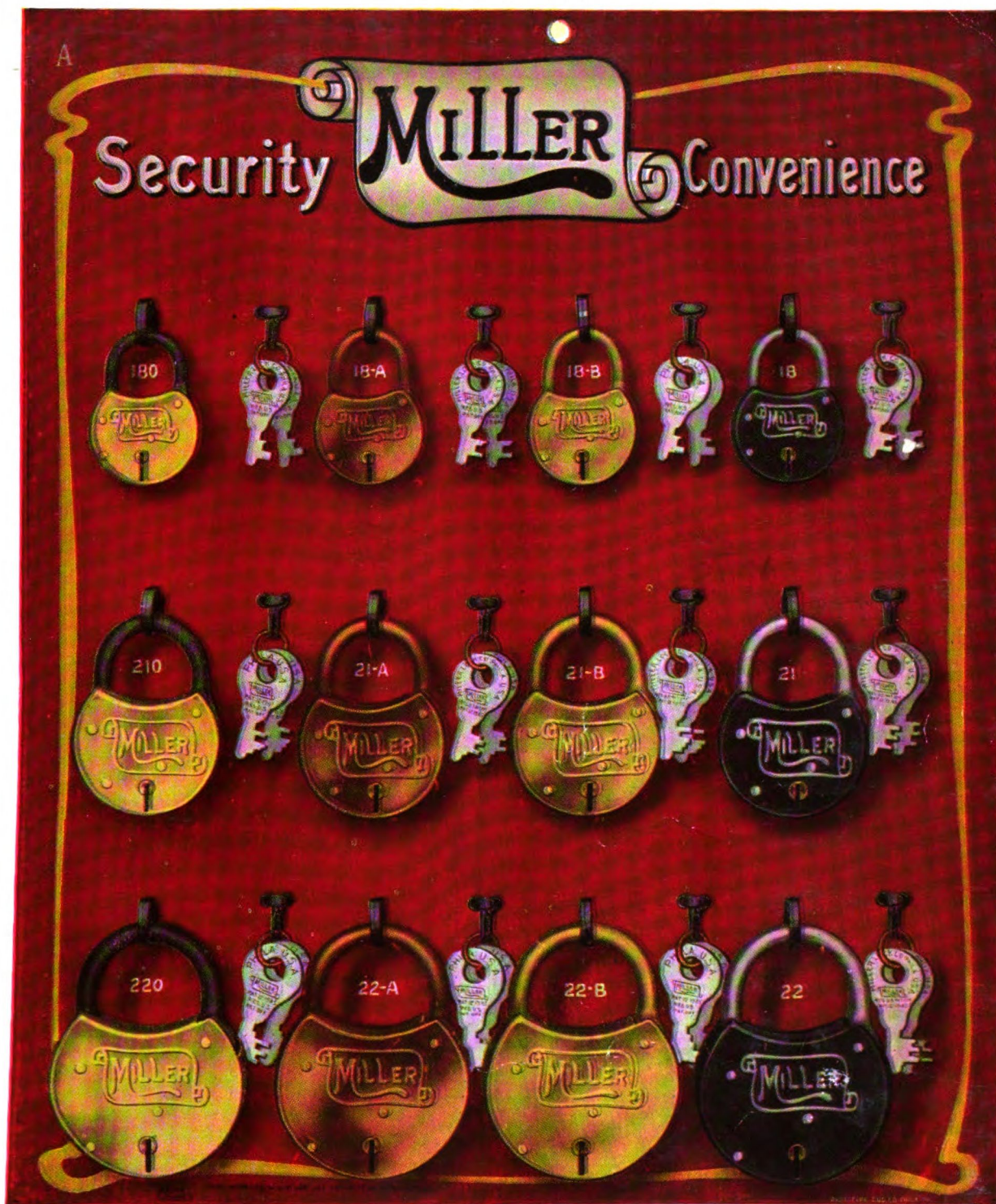
- | | | | |
|-------|-------|-----|--|
| 1 No. | 21 | —2 | inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 No. | 21A | —2 | inch, Antique Coppered Steel Case, Antique Coppered Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 No. | 21B | —2 | inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 No. | 214 | —1½ | inch, Cast Brass Case and Shackle, to Retail at 25¢ Each. |
| 1 No. | 030B | —1½ | inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 No. | 190 | —1¾ | inch, Bright Brass Case, Black Enameled Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 No. | 105 | —1¾ | inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 | 105B | —1¾ | inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 | 1905 | —1¾ | inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 | 1905B | —1¾ | inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| 1 | 44 | —2 | inch, Black Enameled Steel Case, Nickel Plated Steel Shackle, to Retail at 25¢ Each. |
| 1 | 96 | —2 | inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 25¢ Each. |

Weight Per Assortment 3½ Pounds.

One Assortment in a Box.

PADLOCK ASSORTMENT

Cuts Half Size.



No. A Assortment—Consists of One Dozen Assorted Padlocks, Three Styles, Four Finishes, with 2 Flat Steel Keys to Each Lock, Mounted on a 16x13 inch Fancy Lithographed Show Card, with Easel Back.....\$5.00

CONTENTS OF ASSORTMENT

- | | | |
|---------|------|--|
| No. 18 | —1 ½ | inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 15¢ Each. |
| No. 18A | —1 ½ | inch, Antique Coppered Steel Case, Antique Coppered Malleable Iron Shackle, to Retail at 15¢ Each. |
| No. 18B | —1 ½ | inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 15¢ Each. |
| No. 180 | —1 ½ | inch, Bright Brass Case, Black Enameled Malleable Iron Shackle, to Retail at 15¢ Each. |
| No. 21 | —2 | inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| No. 21A | —2 | inch, Antique Coppered Steel Case, Antique Coppered Malleable Iron Shackle, to Retail at 25¢ Each. |
| No. 21B | —2 | inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 25¢ Each. |
| No. 210 | —2 | inch, Bright Brass Case, Black Enameled Iron Shackle, to Retail at 25¢ Each. |
| No. 22 | —2 ½ | inch, Black Enameled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 35¢ Each. |
| No. 22A | —2 ½ | inch, Antique Coppered Steel Case, Antique Coppered Malleable Iron Shackle, to Retail at 35¢ Each. |
| No. 22B | —2 ½ | inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 35¢ Each. |
| No. 210 | —2 ½ | inch, Bright Brass Case, Black Enameled Malleable Iron Shackle, to Retail at 35¢ Each. |

Per Assortment 4 ¼ Pounds.

Assortment in a Box.

PADLOCK ASSORTMENT

Cuts Half Size.



No. C Assortment—Consists of One Dozen Assorted Padlocks, Seven Styles, Seven Finishes, With 2 Flat Steel Keys to Each Lock, Mounted on a 16x13 inch Fancy Lithographed Show Card, with Easel Back.....\$6.00

CONTENTS OF ASSORTMENT

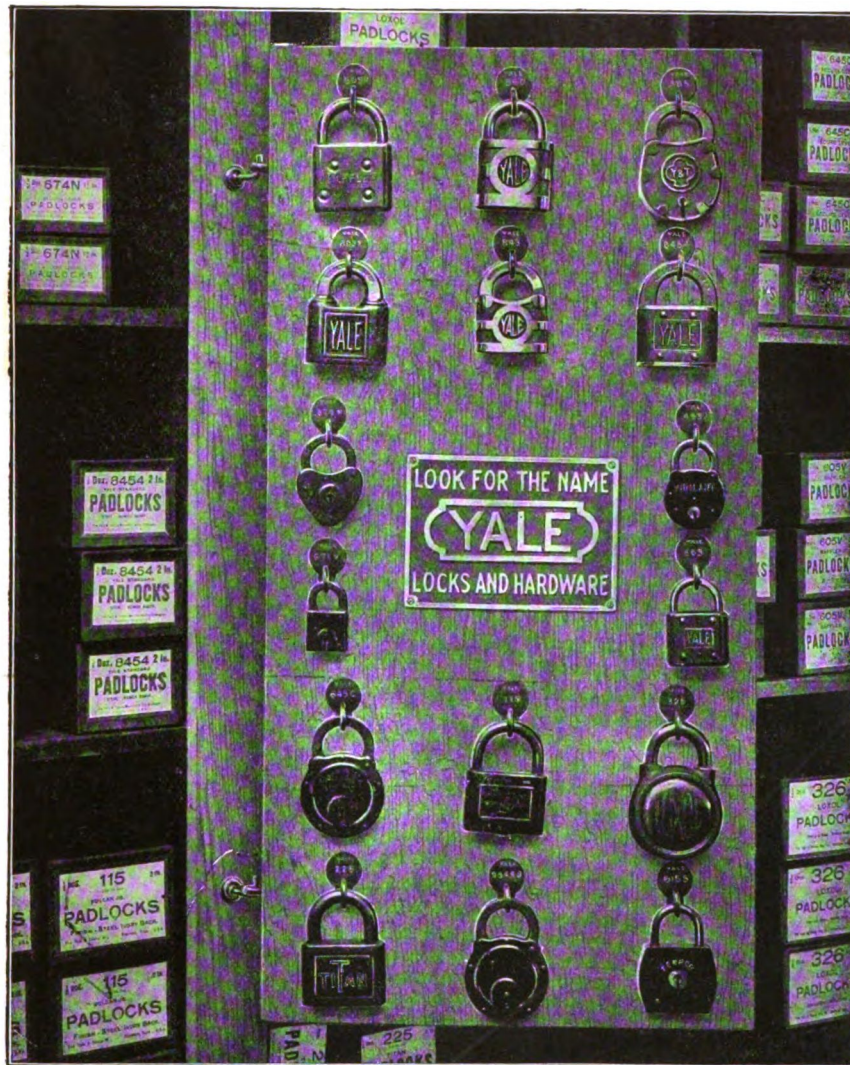
- 1 No. 210 —2 inch, Bright Brass Case, Black Enamelled Malleable Iron Shackle, to Retail at 35¢ Each.
 1 No. 210G—2 inch, Bright Brass Case, Galvanized Malleable Iron Shackle, to Retail at 35¢ Each.
 1 No. 21A—2 inch, Black Enamelled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 35¢ Each.
 1 No. 44B—2 inch, Brass Plated Steel Case and Shackle, to Retail at 35¢ Each.
 1 No. 97 —2 inch, Bright Buffed Brass Case, Brass Plated Malleable Iron Shackle, to Retail at 35¢ Each.
 No. 76 —2 inch, Black Enamelled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 35¢ Each.
 No. 221 —2 inch, Cast Brass Case and Shackle, to Retail at 35¢ Each.
 1 No. 222 —2 inch, Cast Bronze Case and Shackle, to Retail at 35¢ Each.
 1 No. 110 —2 1/4 inch, Black Enamelled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 35¢ Each.
 1 No. 110B—2 1/4 inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 35¢ Each.
 1 No. 22 —2 5/8 inch, Black Enamelled Steel Case, Nickel Plated Malleable Iron Shackle, to Retail at 35¢ Each.
 1 No. 22B—2 5/8 inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle, to Retail at 35¢ Each.

Weight Per Assortment 4 1/2 Pounds.
 Assortment in a Box.

PADLOCK ASSORTMENT

WITH SAMPLE BOARD

This Assortment contains Selections of the Best Selling Numbers of the Celebrated Y. & T. Padlocks, Assorted According to the Selling Capacity of the Locks. One of the Best Assortments on the Market.



No. 10 Assortment—Consists of 6 Dozen Best Selling Y. & T. Padlocks, Assorted, with 12x24 inch Highly Finished Hardwood Display Board, with Room for 16 Locks, Board is Provided with Special Fastener and Label for Each Lock, Complete \$56.00

Per Assortment

CONTENTS OF ASSORTMENT

- | | |
|--|---|
| 1/6 Dozen No. 840—1 3/4 inch, Cast Bronze Case, Steel Shackle. | 1/2 Dozen No. 225—2 inch, Bower-Barffed Iron Case, Brass Plated Steel Shackle. |
| 1/6 Dozen No. 843—1 3/4 inch, Wheel Finish Cast Bronze Case and Shackle. | 1/2 Dozen No. 615S—2 inch, Ivory Black Steel Case, Nickel Plated Steel Shackle. |
| 1/6 Dozen No. 8454—2 inch, Bower-Barffed Steel Case and Shackle. | 1/2 Dozen No. 453J—1 1/2 inch, Ivory Black Steel Case, Brass Plated Malleable Iron Shackle. |
| 1/4 Dozen No. 805F—2 inch, Bower-Barffed Iron Case, Buffed Bronze Shackle. | 1/2 Dozen No. 645C—2 inch, Ivory Black Steel Case, Brass Plated Steel Shackle. |
| 1/4 Dozen No. 585—2 inch, Wheel Finish Bronze Case, Buffed Bronze Shackle. | 1/2 Dozen No. 115J—2 inch, Ivory Black Steel Case, Nickel Plated Steel Shackle. |
| 1/4 Dozen No. 605V—2 inch, Bright Brass Case, Nickel Plated Steel Shackle. | 1/2 Dozen No. 671V—1 inch, Dipped Bright Brass Case and Shackle. |
| 1/2 Dozen No. 326—2 1/4 inch, Nubian Finish Cast Iron Case, Copper Plated Steel Shackle. | 1/2 Dozen No. 674N—1 3/4 inch, Nickel Plated Steel Case and Shackle. |
| 1/4 Dozen No. 563—1 1/2 inch, Bower-Barffed Steel Case, Nickel Plated Steel Shackle. | 1/2 Dozen No. 9645J—2 inch, Ivory Black Steel Case, Brass Plated Steel Shackle. |

This Assortment contains the Best Possible Values from the Best Popular Priced Lock to the Very Best Lock on the Market and Assorted Right.

Weight Per Assortment 40 Pounds.

One Assortment in a Box.

PADLOCK ASSORTMENT

WITH DISPLAY STOCK CASES



No. 1102 (Front View).

Per Assortment

No. 1102 Assortment—Consists of 7½ Dozen Padlocks, 20 Styles as Described Below, with a Highly Finished Hardwood Display Board and Stock Case, 19½ inches High, 15½ inches Wide, 12 inches Deep. \$28.00

CONTENTS OF ASSORTMENT

Displayed on First Row.			
7/12 Dozen	No. 1805B	—To Retail at 15c Each.	\$1.05
7/12 Dozen	No. 1805	—To Retail at 15c Each.	1.05
1/2 Dozen	No. 18	—To Retail at 15c Each. . . . .	.90
1/2 Dozen	No. 18B	—To Retail at 15c Each. . . . .	.90
Displayed on Second Row.			
1/4 Dozen	No. 5905B	—To Retail at 20c Each. . . . .	.60
1/4 Dozen	No. 500	—To Retail at 20c Each. . . . .	.60
1/4 Dozen	No. 5905	—To Retail at 20c Each. . . . .	.60
1/4 Dozen	No. 500B	—To Retail at 20c Each. . . . .	.60
Displayed on Third Row.			
1/4 Dozen	No. 55B	—To Retail at 25c Each. . . . .	.75
1/4 Dozen	No. 105	—To Retail at 25c Each. . . . .	.75
1/2 Dozen	No. 21	—To Retail at 25c Each.	1.50
1/4 Dozen	No. 72B	—To Retail at 25c Each. . . . .	.75
Displayed on Fourth Row.			
1/4 Dozen	No. 700B	—To Retail at 35c Each.	1.05
1/4 Dozen	No. 5250	—To Retail at 35c Each.	1.05
1/2 Dozen	No. 55	—To Retail at 35c Each.	2.10
1/4 Dozen	No. 2105B	—To Retail at 35c Each.	1.05
Displayed on Fifth Row.			
1/12 Dozen	No. 218	—To Retail at 65c Each. . . . .	.65
1/12 Dozen	No. 4	—To Retail at 65c Each. . . . .	.65
1/12 Dozen	No. 802	—To Retail at 65c Each. . . . .	.65
1/12 Dozen	No. 125	—To Retail at 65c Each. . . . .	.65
20 Padlocks, 1 Each of the Above (on Display Board).			6.40

To Retail \$24.30

Weight Per Assortment 50 Pounds.

One Assortment in a Box.

ON DISPLAY CARDS

Per Assortment

No. 116 Assortment—Consists of One Dozen Assorted Padlocks, One Style, Three Finishes, Mounted on a 15x11½ inch Fancy Lithographed Show Card with Easel Back. \$5.00

CONTENTS OF ASSORTMENT

- 3 No. 02434—2¼ inch, Brass Plated Steel Case, Brass Plated Malleable Iron Shackle.
- 3 No. 2435AC—2¼ inch, Antique Copper Steel Case, Antique Copper Malleable Iron Shackle.
- 6 No. 2435P—2¼ inch, Japanned Steel Case, Raised Parts Ground, Brass Plated Malleable Shackle.

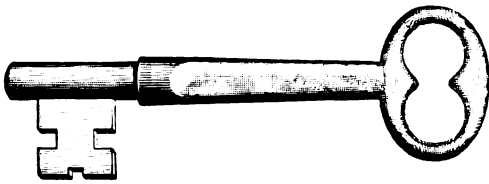
Weight Per Assortment 5 Pounds.

One Assortment in a Box.



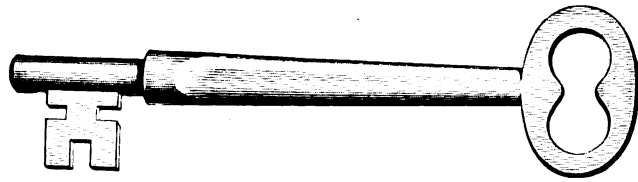
DOOR KEYS

Cuts Full Size.



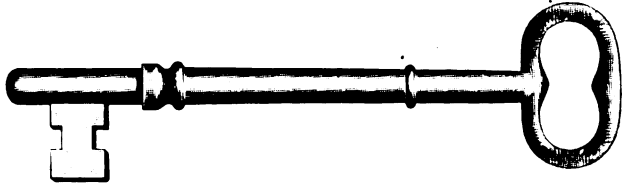
No. 112—Malleable Iron, Tinned, for Mortise Locks Nos.
5210 and 5220S.....\$0.30

Per Dozen



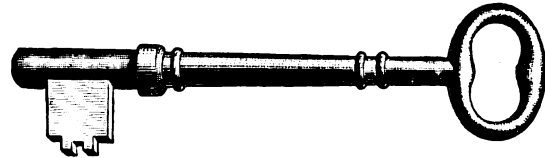
No. 170—Malleable Iron, Tinned, for Rim Locks Nos.
2233 and 2333.....\$0.30

Per Dozen



No. 020—Iron, Dipped, for Rim Lock No. 020.....\$0.30

Per Dozen



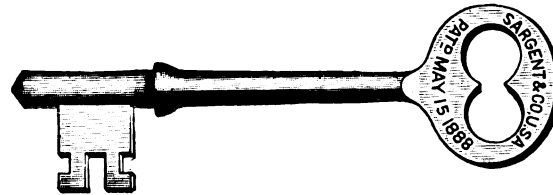
No. 50—Iron, Tinned, for Rim Lock No. 4410.....\$0.30

Per Dozen



No. 152—Malleable Iron, Tinned, for Rim Locks Nos.
2213, 2213S, 2216, 4414S and 4430 1/2.....\$0.30

Per Dozen



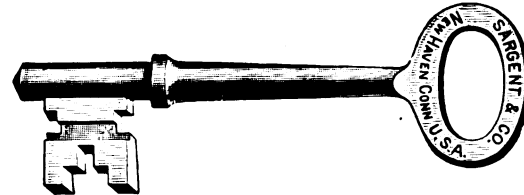
No. 910 —Forged Steel, Nickel Plated.....\$1.25
No. 910 1/2—Forged Steel, Nickel Plated, for Mortise
Lock No. 5221S.....1.25

Per Dozen



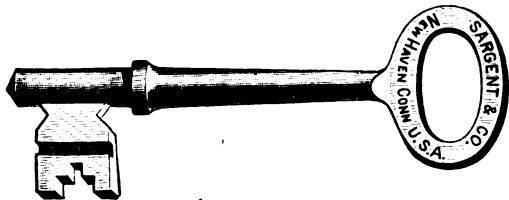
No. 911—Forged Steel, Nickel Plated, for Mortise Lock
No. 5234\$1.25
No. 913—Forged Steel, Nickel Plated, for Mortise Lock
No. 52491.25

Per Dozen



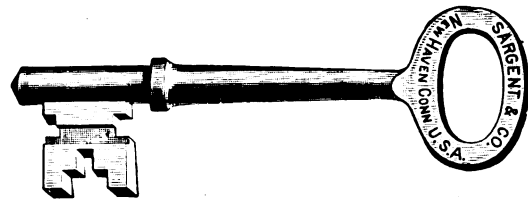
No. C338—Forged Steel, Nickel Plated, for Mortise
Lock No. 5649P.....\$1.25

Per Dozen



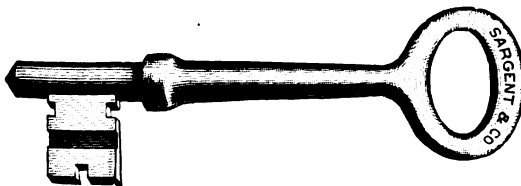
No. 740 1/2—Forged Steel, Nickel Plated, for Mortise
Lock No. 5224S.....\$1.25

Per Dozen



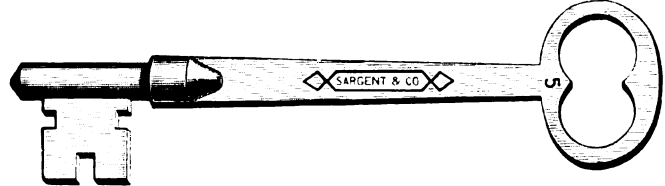
No. C336—Forged Steel, Nickel Plated, for Mortise
Locks Nos. 6341, 6344P and 5644P.....\$1.25

Per Dozen



No. C840 1/2—Forged Steel, Nickel Plated, for Mortise
Locks Nos. 5161, 5164P and 5164.....\$1.25

Per Dozen

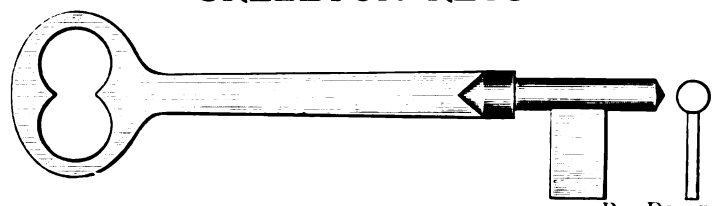


No. 370—Forged Steel, Nickel Plated, for Rim Locks
Nos. 2335, 2337, 2338, 2538, 3734, 3337 and 4461.....\$1.25
No. 370 1/2—Forged Steel, Nickel Plated, for Rim Locks
Nos. 2214S, 2217, 2218, 2218S and 3214S.....1.25

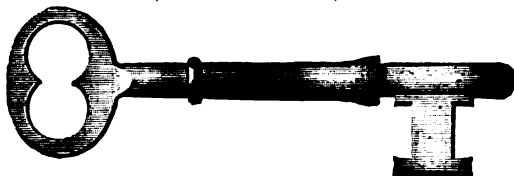
Per Dozen

Weight Per Dozen 4 Ounces.
All Above, Three Dozen in a Box.

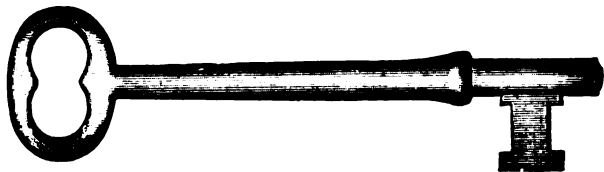
SKELETON KEYS



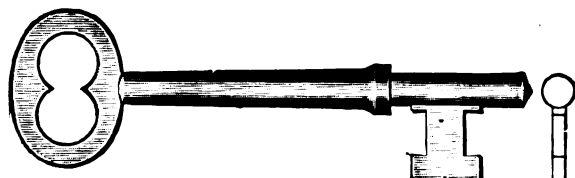
No. 1998—Wachter's, Malleable Iron, Tinned.....\$0.30



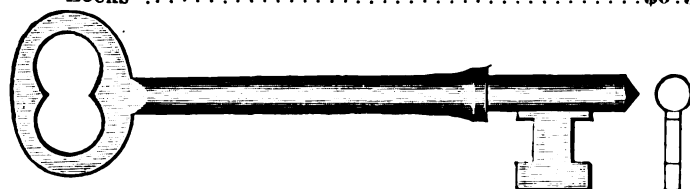
No. 151—Malleable Iron, Tinned, for Mortise Locks....\$0.30



No. 161—Malleable Iron, Tinned, for Rim Locks.....\$0.30

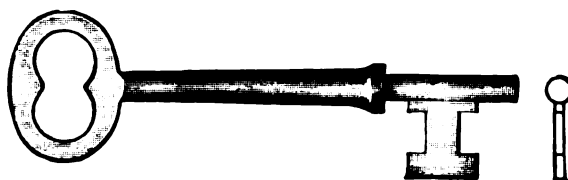


No. 1794A—Malleable Iron, Nickel Plated, for Mortise Locks\$0.30

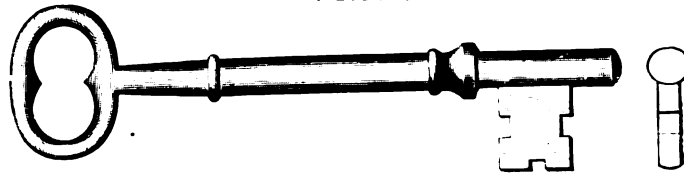


No. 1794—Malleable Iron, Nickel Plated, for Rim Locks\$0.30
All Above, Three Dozen in a Box.

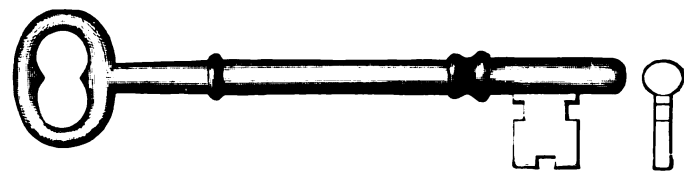
KEY ASSORTMENT



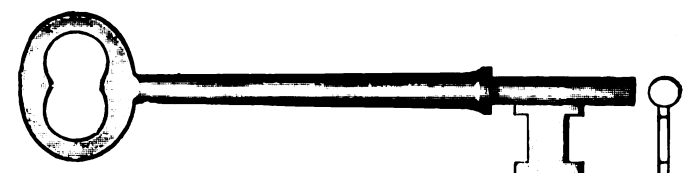
No. 1794A.



No. 507.



No. 520.



No. 1794.



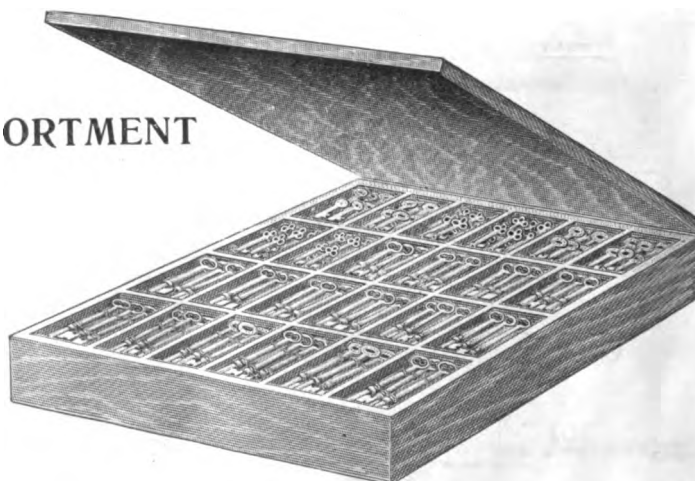
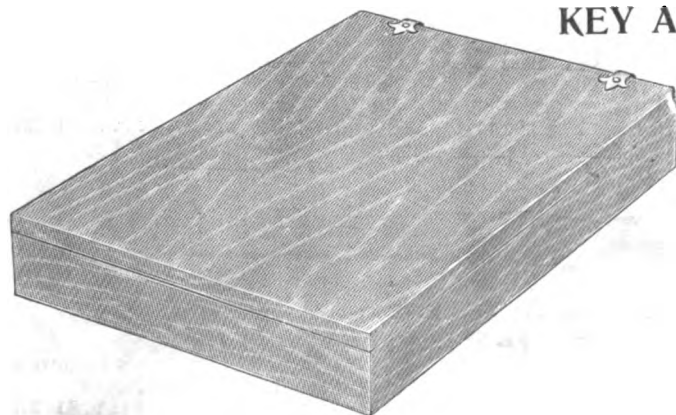
No. 170.

No. F Assortment—Malleable Iron, Tinned, 6 Dozen Assorted\$2.00

These Keys will pass the majority of Rim and Mortise Locks in use at present. We do not break boxes.

One Assortment in a Box.

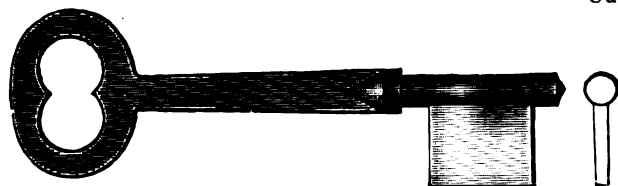
KEY ASSORTMENT



No. 108 Assortment—2 Dozen Assorted Trunk Keys, 2 Dozen Assorted Till Keys, and 8 Dozen Assorted Door Keys and Blanks, Nicked, Most Common Used Sizes, Put up in 24 Compartment Display Wooden Box, Size 15 1/4 x 10 1/4 x 1 3/4 inches, with Hinged Cover.....\$4.00
One Assortment in Wooden Display Case.

DOOR KEY BLANKS

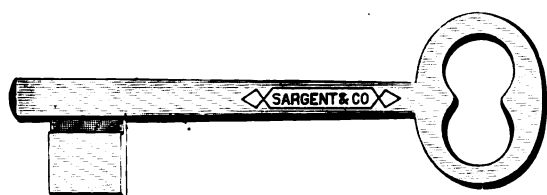
Cuts Full Size.



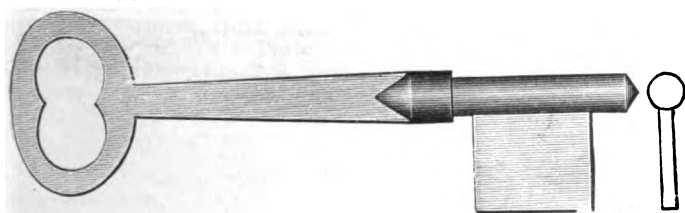
No. P4064—Steel, Nickel Plated, for Mortise Locks.....\$1.25



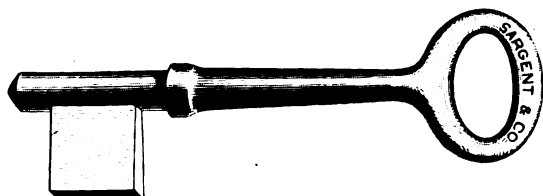
No. P4032—Steel, Nickel Plated, for Mortise Locks.....\$1.25



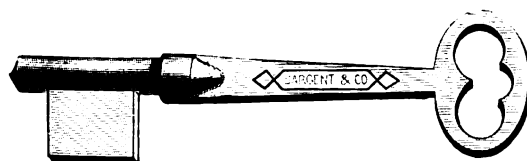
No. 410B—Forged Steel, Nickel Plated, for Mortise Locks\$1.25



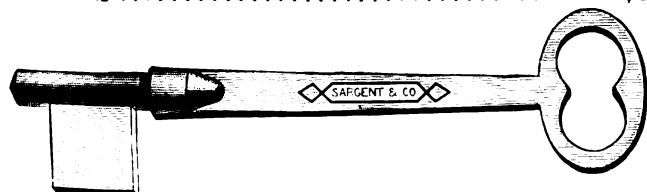
No. P4128—Steel, Nickel Plated, for Rim Locks.....\$1.25



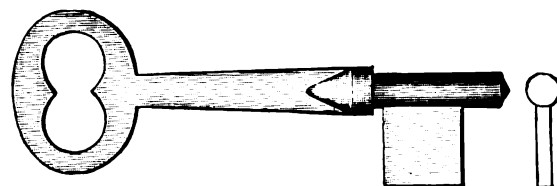
No. C335B—Round Barrel, Forged Steel, Nickel Plated, for Mortise Locks.....\$1.25



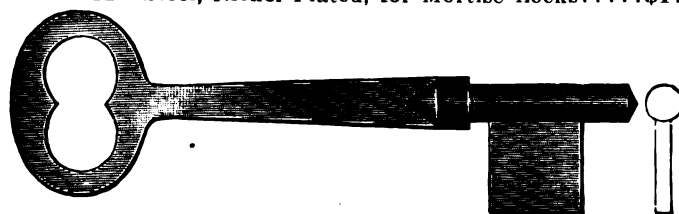
No. 320B—Forged Steel, Nickel Plated, for Mortise Locks\$1.25



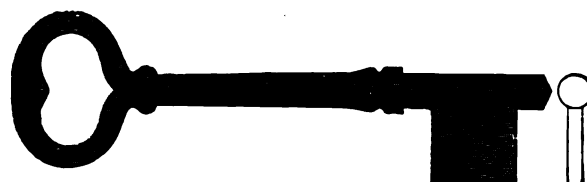
No. 370B—Forged Steel, Nickel Plated, for Rim Locks...\$1.25



No. 1041—Steel, Nickel Plated, for Mortise Locks.....\$1.25



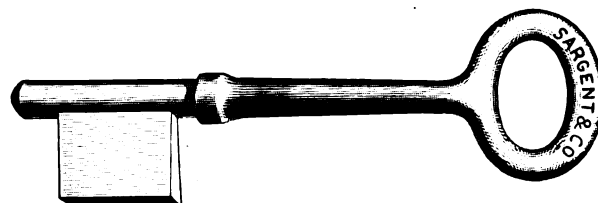
No. P4354—Steel, Nickel Plated, for Rim Locks.....\$1.25



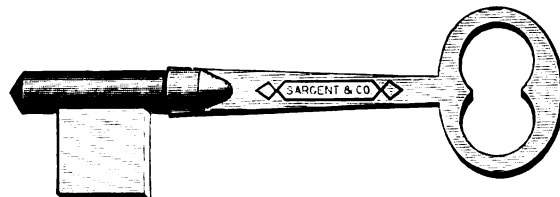
No. 968A—Steel, Nickel Plated, for Mortise Locks.....\$1.25



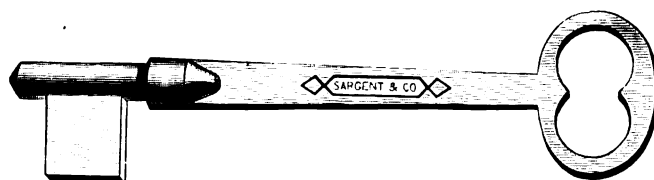
No. 910B—Round Barrel, Forged Steel, Nickel Plated, for Mortise Locks.....\$1.25



No. C345B—Round Barrel, Forged Steel, Nickel Plated, for Rim Locks.....\$1.25



No. 325B—Forged Steel, Nickel Plated, for Mortise Locks\$1.25

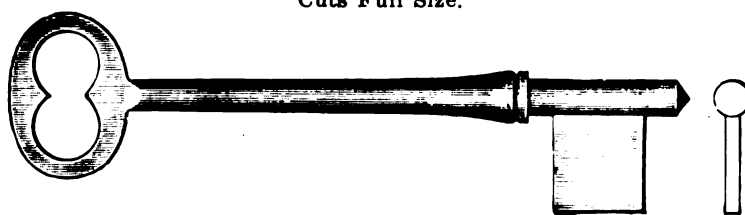


No. 385B—Forged Steel, Nickel Plated, for Rim Locks...\$1.25

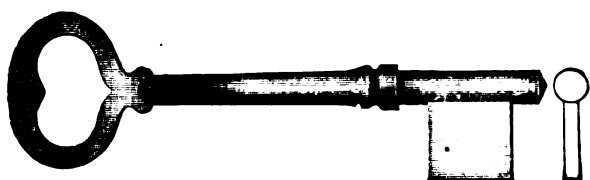
All Above, Three Dozen in a Box.

DOOR KEY BLANKS

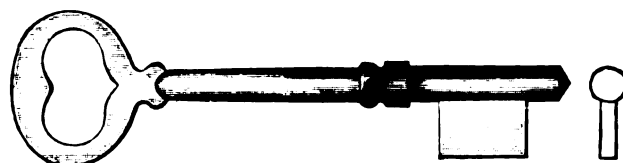
Cuts Full Size.



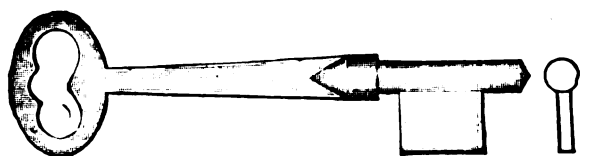
No. 1724—Malleable, Nickel Plated, for Rim Locks..... Per Dozen
\$0.30



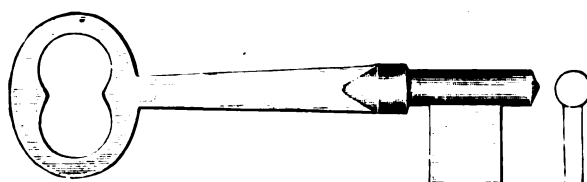
No. 1968A—Malleable, Nickel Plated, for Mortise
Locks Per Dozen
\$0.30



No. 1969A—Malleable, Nickel Plated, for Mortise
Locks Per Dozen
\$0.30



No. 01959—Malleable, Nickel Plated, for Mortise
Locks Per Dozen
\$0.30



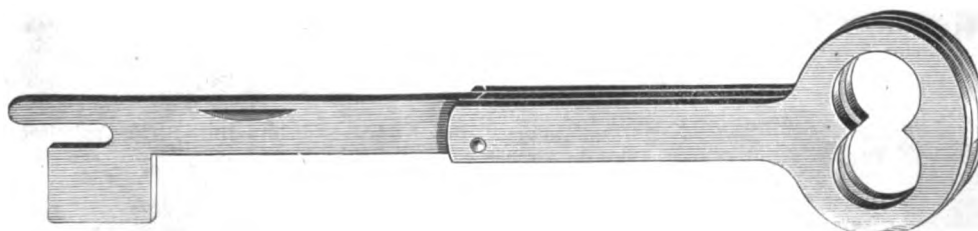
No. 1959A—Malleable, Nickel Plated, for Mortise
Locks Per Dozen
\$0.30

All Above, Three Dozen in a Box.



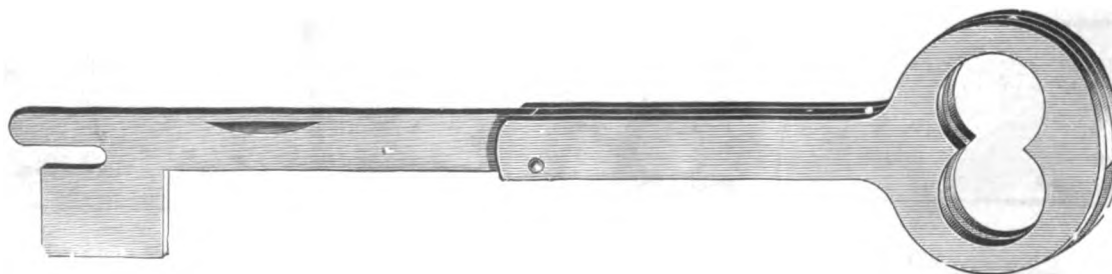
No. 440B—Steel, Nickel Plated, for Store Door Locks and Handles Per Dozen
\$1.00

One Dozen in a Box.



No. 480B—Folding, Steel, Nickel Plated, for Rim Store Door Locks Per Dozen
\$3.00

One-half Dozen in a Box.

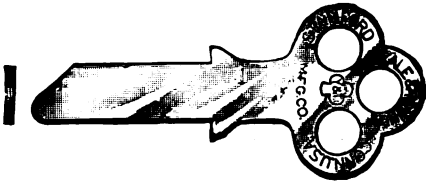


No. 485B—Folding, Steel, Nickel Plated, for Rim Store Door Locks Per Dozen
\$3.00

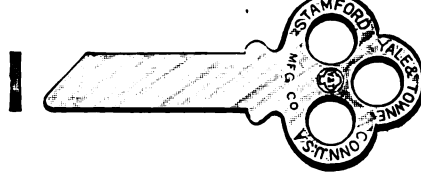
One-half Dozen in a Box.

KEY BLANKS

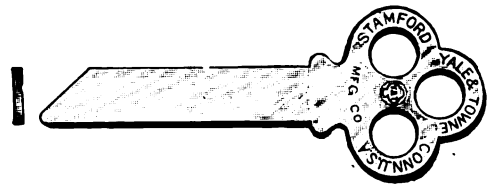
Cuts Half Size.



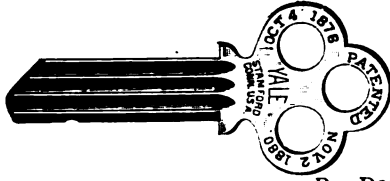
No. 1—Yale, Flat Steel, Nickel Plated, for Yale No. 33 Rim Latch **\$0.50**



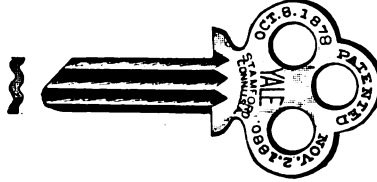
No. 3—Yale, Flat Steel, Nickel Plated, for Yale Rim and Mortise Latches and Locks... **\$0.50**



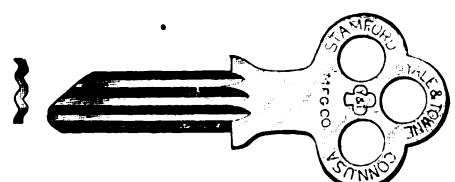
No. 4—Yale, Flat Steel, Nickel Plated, for Yale Store Door Locks and Latches..... **\$0.50**



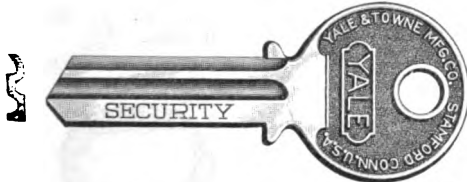
No. 6—Yale, Corrugated German Silver, for Store Door Locks, Rim and Mortise Night Latches **\$1.00**



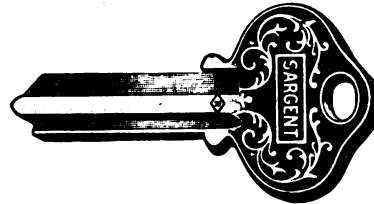
No. 16—Yale, Corrugated, German Silver, for No. 37 Night Latch **\$1.00**



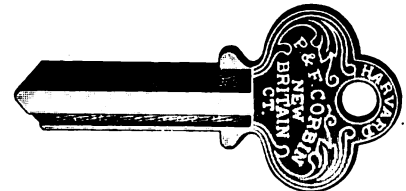
No. 17—Yale, Corrugated German Silver, for No. 34 and 34X Night Latches **\$1.00**



No. 8—Yale, Paracentric, Nickel Bronze Coined, Gold Plated Bows, for all Yale Paracentric Cylinder Latches and Locks **\$1.75**



No. 265BK—Sargent, Groove on Left Side, Oxidized German Silver, for Sargent's Cylinder Locks and Latches..... **\$1.75**

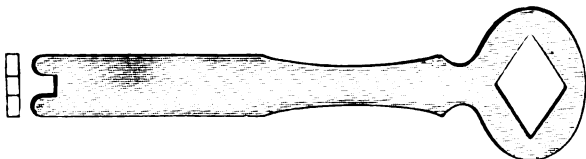


No. 99B—Corbin, German Silver Gold Plated Bow, for all Corbin Cylinder Latches and Locks **\$1.75**

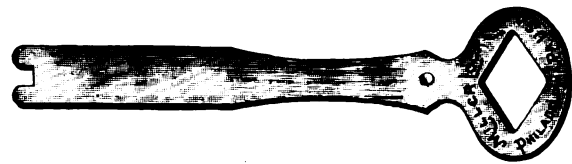
All Above, Three Dozen in a Box.

FLAT KEY BLANKS

Cuts Full Size.



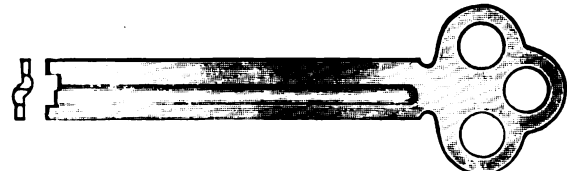
No. 2484A—Steel, Polished, for Miller Lock Co.'s Latches, Nos. 64, 65C and 378..... **\$0.50**



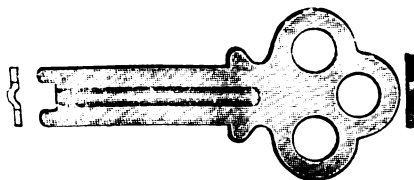
No. 37—Flat Steel, Polished, for No. 3749C Miller Night Latch **\$0.50**



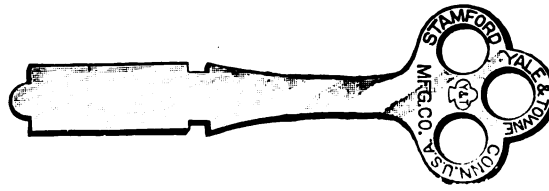
No. 2461—Steel, Polished, for Dietz Latches, Nos. 109 and 172 **\$0.50**



No. 2519—Steel, Polished, for Slaymakers Latches No. B043 **\$0.50**



No. 2520—Steel Polished, for E. T. Fraim's Latch No. 77.... **\$0.50**



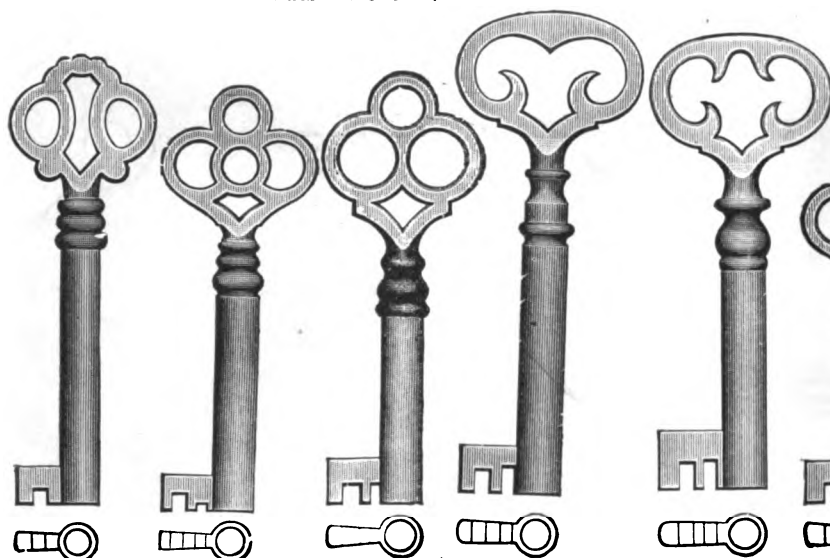
No. 41—Flat Steel, Nickel Plated, for Yale Night Latch No. 26. **\$0.50**



No. 233B—Flat Steel, Nickel Plated, for No. 4214 Night Latch **\$0.50**

CUT CABINET KEYS

Cuts Full Size.

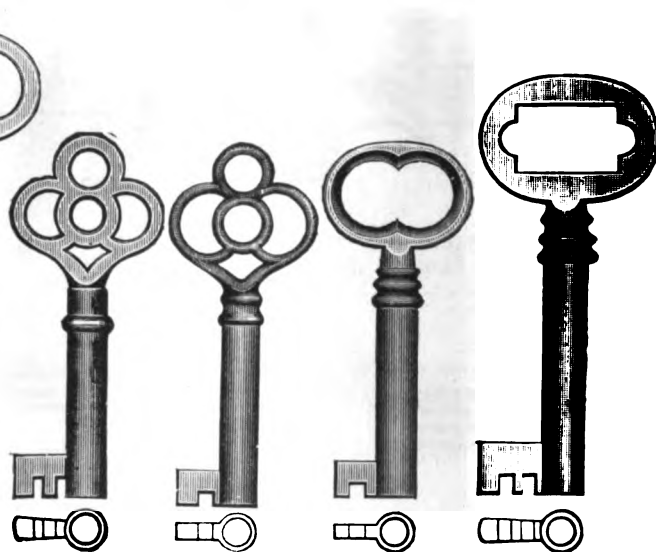


No. 3548A No. 3551A No. 3565A No. 3545A No. 3546A
Per Gross

No. 1 Assortment—Malleable Iron, Assorted Nos. 3548A,
3551A, 3565A, 3545A and 3546A.....\$7.00
One-quarter Gross Assorted in a Box.

CUT TILL KEYS

Cuts Full Size.

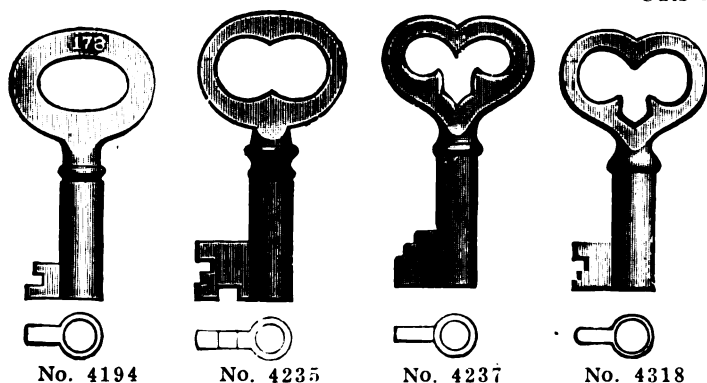


No. 3587A No. 3588 No. 3901 No. 3567A
Per Gross

No. 2 Assortment—Malleable Iron, Assorted Nos. 3587A,
3588, 3901 and 3567A.....\$6.00
One-quarter Gross Assorted in a Box.

CUT TRUNK KEYS

Cuts Full Size.

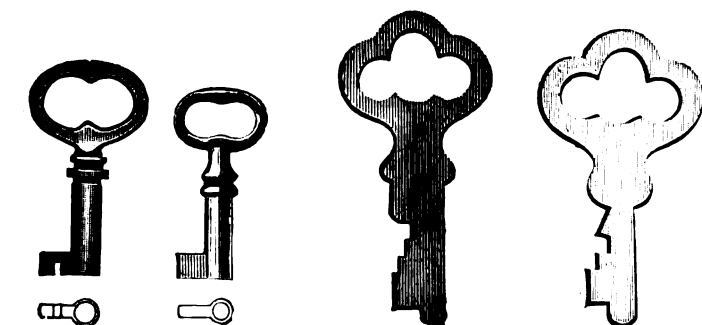


No. 4194 No. 4235 No. 4237 No. 4318

No. 3 Assortment—Malleable Iron, Assorted Nos. 4194,
4235, 4237 and 4318.....\$6.00
One-quarter Gross Assorted in a Box.

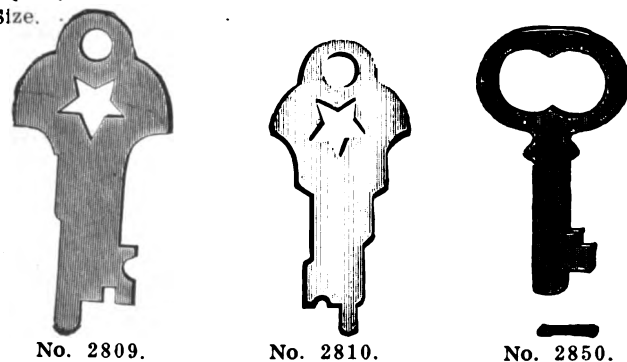
CUT BAG KEYS

Cuts Full Size.

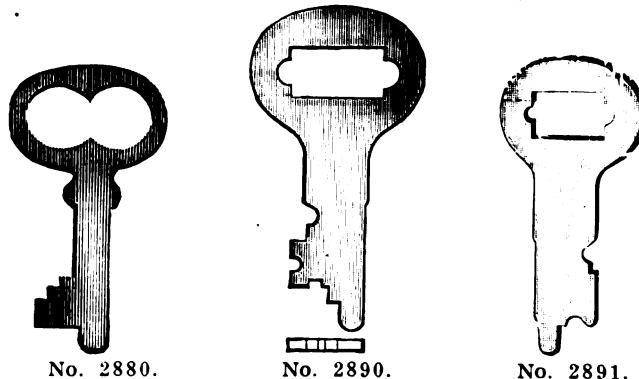


No. 3934. No. 4382. No. 2830. No. 2834.

No. 5 Assortment—Assorted, Nos. 3934 and 4382, Malle-
able Iron, and Nos. 2830 and 2834, Flat Steel.....\$6.00
One-quarter Gross Assorted in a Box.



No. 2809. No. 2810. No. 2850.

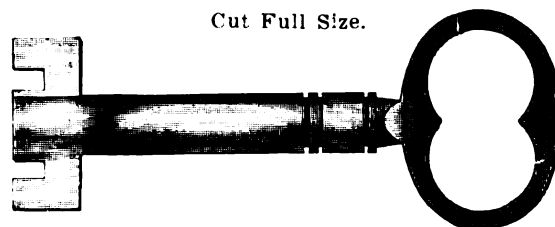


No. 2880. No. 2890. No. 2891.

No. 4 Assortment—Flat Steel, Assorted Nos. 2809, 2810,
2850, 2880, 2890 and 2891.....\$4.50
One-quarter Gross Assorted in a Box.

CUT CHEST KEYS

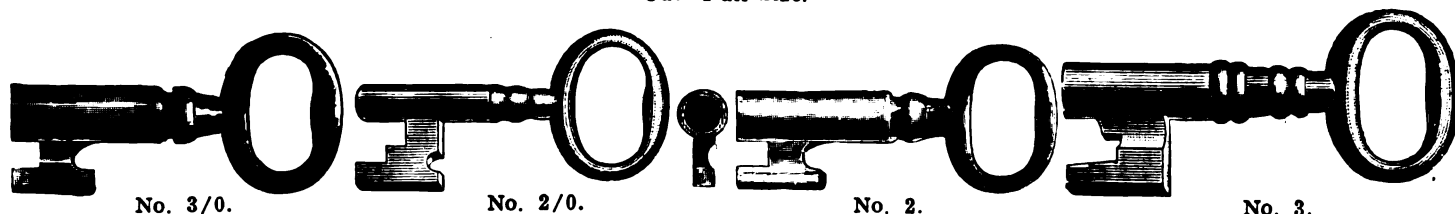
Cut Full Size.



No. 9—Double Bitted, Bright Iron.....\$1.25
Per Dozen
One Dozen in a Box.

CUT PADLOCK KEYS

Cuts Full Size.



No. 3/0.

No. 2/0.

No. 2.

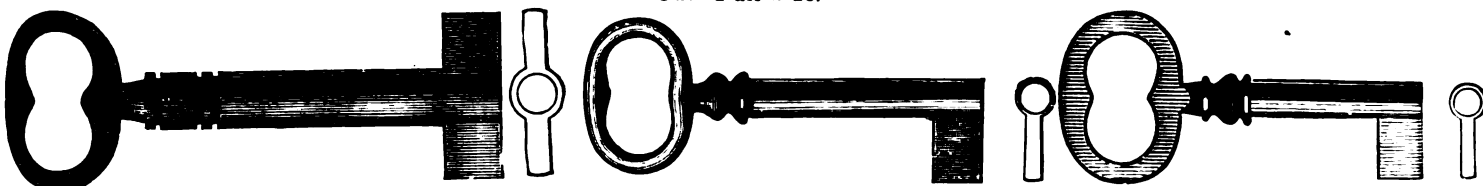
No. 3.

Per Gross

No. 45 Assortment—Wrought Iron (Assorted Nos. 5/0 and 4/0), for Common Padlocks.....	\$2.50
No. 50 Assortment—Wrought Iron (Assorted Nos. 3/0 2/0, 4/0, 1, 2, 1048), for Common Padlocks.....	4.60
No. 55 Assortment—Wrought Iron (Assorted Nos. 5/0 to 4), for Common Padlocks.....	3.25
No. 60 Assortment—Wrought Iron (Assorted Nos. 5/0 to 6), for Common Padlocks.....	3.75
One-half Gross Assorted in a Box.	

CHEST KEY BLANKS

Cuts Full Size.



No. 3801.

No. 3864.

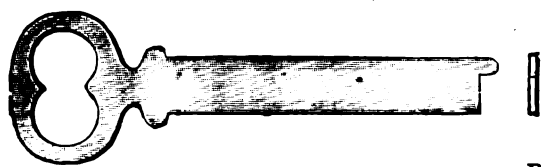
No. 3876.

Per Gross

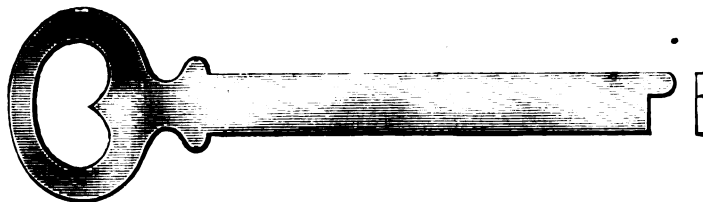
No. 7 Assortment—Malleable Iron, Assorted Nos. 3801, 3864 and 3876	\$10.00
One-quarter Gross Assorted in a Box.	

PADLOCK AND CABINET KEY BLANKS

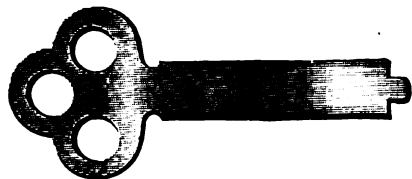
Cuts Full Size.



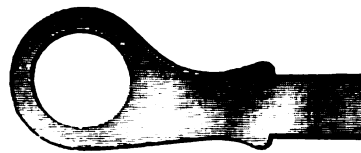
No. 2577A—Flat Steel Per Gross \$6.00



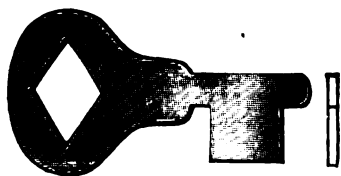
No. 2642—Flat Steel Per Gross \$6.00



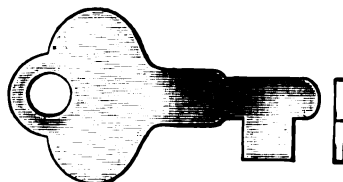
No. 2733C—Flat Steel Per Gross \$6.00



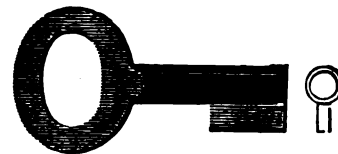
No. 2762—Flat Steel Per Gross \$6.00



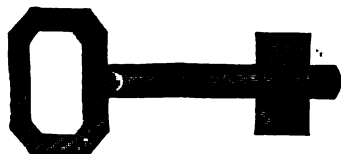
No. 02756—Flat Steel Per Gross \$6.00



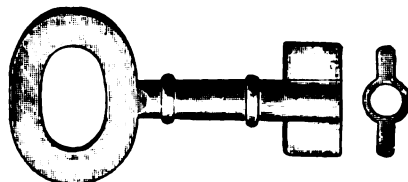
No. 2772—Flat Steel Per Gross \$6.00



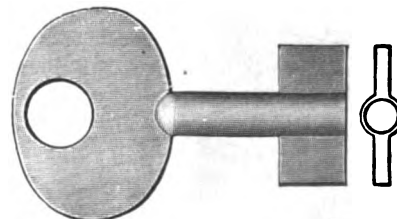
No. 4224—Malleable Iron Per Gross \$14.00



No. 3464—Bronze Per Gross \$24.00



No. 3295—Malleable Iron..... Per Gross \$15.00



No. 3290—Malleable Iron..... Per Gross \$17.00

All Above, One-quarter Gross in a Box.

LOOSE PIN BUTTS

BALL BEARING

Wrought Steel, Non-Rising Loose Pin, Ball Tips.

No. BB241D2—Antique Copper Finish, Planished.

Size Open, Inches.....	3 1/2 x 3 1/2	4x4	4 1/2 x 4 1/2	5x5
Per Pair	\$1.05	1.15	1.30	1.49

No. BB241SD2—Antique Copper, Sand Finish.

Size Open, Inches.....	3 1/2 x 3 1/2	4x4	4 1/2 x 4 1/2	5x5
Per Pair	\$1.09	1.19	1.34	1.53

No. BB241F—Old Brass, Not Shaded.

Size Open, Inches.....	3 1/2 x 3 1/2	4x4	4 1/2 x 4 1/2	5x5
Per Pair	\$1.05	1.15	1.30	1.49

No. BB241SF4—Antique Brass, Sand Finish.

Size Open, Inches.....	3 1/2 x 3 1/2	4x4	4 1/2 x 4 1/2	5x5
Per Pair	\$1.12	1.22	1.37	1.56

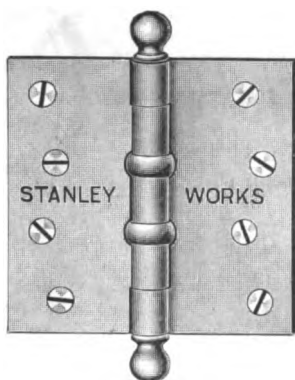
No. BB241G—Bower-Barff, Rustless Iron Finish.

Size Open, Inches.....	3 1/2 x 3 1/2	4x4	4 1/2 x 4 1/2	5x5
Per Pair	\$1.44	1.60	2.00	2.30

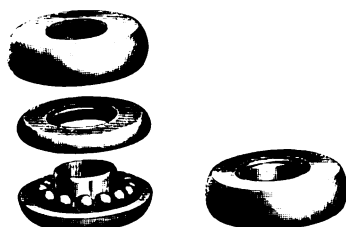
By the use of these Washers all friction in the joint is practically overcome, so that there can be no wearing down of the butt under the severest strain, no creaking of the door and no need of oiling the butt, thereby disfiguring finishes and gathering dust.

One Pair in a Box, with Screws.

Note—We can furnish Nos. BB241D2 to B3241G Plated on Sherardized Finish, making them Rust Proof, on special order.



Nos. BB241D2 to BB241G.



Cut Shows Washer Taken Apart to Show Construction.

ORNAMENTAL HALF SURFACE, REVERSIBLE

Wrought Steel, Ball Tips, with Offset.

No. 160J—Japanned.

Length of Joint, Inches.....	3	3 1/2	4
Per Pair	\$0.35	.40	.48

No. 160D2—Antique Copper Finish, Planished.

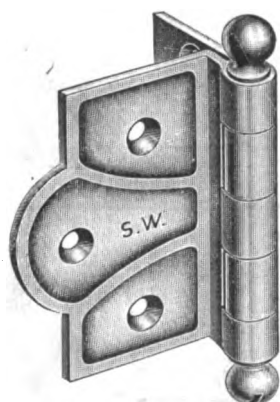
Length of Joint, Inches.....	2	2 1/2	3	3 1/2	4
Per Pair	\$0.35	.40	.48	.54	.67

No. 160F—Old Brass, Not Shaded, Planished.

Length of Joint, Inches.....	2	2 1/2	3	3 1/2	4
Per Pair	\$0.35	.40	.48	.54	.67

No. 160SF4—Antique Brass, Sand Finish.

Length of Joint, Inches.....	2	2 1/2	3	3 1/2	4
Per Pair	\$0.40	.46	.54	.59	.73



Nos. 160J to 160SF4.

2 and 2 1/2 inch, Three Pair in a Box; Balance, One Pair in a Box, with Round Head Screws for Surface Half of Butt, Flat Head for the Other.

ORNAMENTAL HALF SURFACE, REVERSIBLE, BEVELED EDGE

Wrought Steel, Ball Tips, with Offset.

No. 165D2—Antique Copper Finish, Planished.

Length of Joint, Inches.....	2	2 1/2	3	3 1/2	4
Per Pair	\$0.42	.48	.63	.69	.80

No. 165F—Old Brass, Not Shaded, Planished.

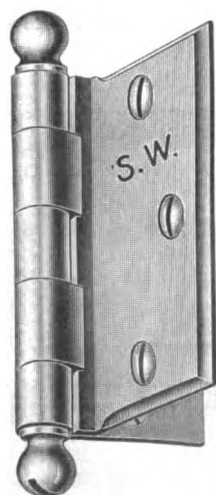
Length of Joint, Inches.....	2	2 1/2	3	3 1/2	4
Per Pair	\$0.42	.48	.63	.69	.80

No. 165SF4—Antique Brass, Sand Finish.

Length of Joint, Inches.....	2	2 1/2	3	3 1/2	4
Per Pair	\$0.48	.54	.69	.75	.86

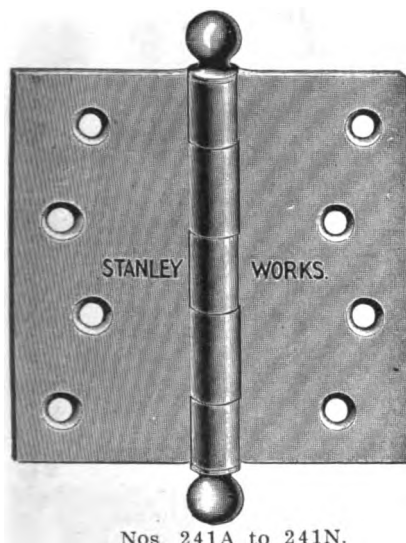
2 and 2 1/2 inch, Three Pair in a Box; Balance, One Pair in a Box, with Round Head Screws for Surface Half of Butt, Flat Head for the Other.

These Hinges save time and labor in hanging doors as only the casement is mortised, the ornamental leaf being screwed to the surface of the door.

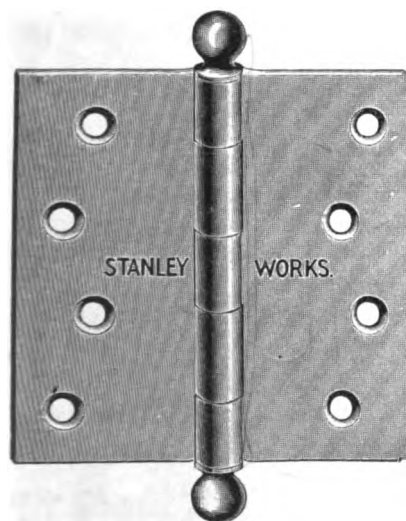


Nos. 165D2 to 165SF4.

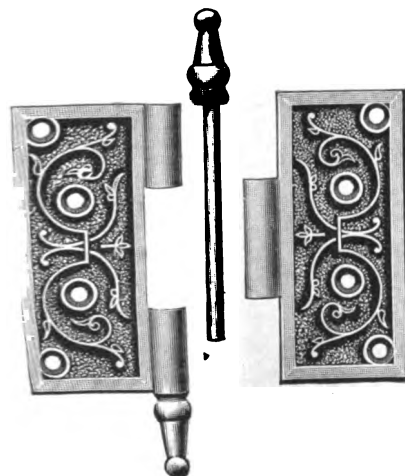
LOOSE PIN BUTTS



Nos. 241A to 241N.



Nos. 731 to 733.



No. 1.

WROUGHT STEEL, BALL TIPS

No. 241A—Natural Bronze Finish, Planished.

Size Open, Inches.....	2x2	2½ x 2½	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Pair	\$0.34	.35	.38	.40	.47	.74	.94

No. 241D2—Antique Copper Finish, Planished.

Size Open, Inches.....	2x2	2½ x 2½	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Pair	\$0.34	.35	.38	.40	.47	.74	.94

No. 241SD2—Antique Copper, Sand Finish.

Size Open, Inches.....	2x2	2½ x 2½	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Pair	\$0.37	.38	.42	.44	.50	.77	.97

No. 241F—Old Brass, Not Shaded, Planished.

Size Open, Inches.....	2x2	2½ x 2½	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Pair	\$0.34	.35	.38	.40	.47	.74	.94

No. 241SF4—Antique Brass, Sand Finish.

Size Open, Inches.....	2x2	2½ x 2½	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Pair	\$0.40	.42	.45	.47	.54	.80	1.00

No. 241H—Dead Black, Electro Plated, Bower-Barff Finish.

Size Open, Inches.....	2x2	2½ x 2½	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Pair	\$0.43	.45	.48	.50	.57	.84	1.04

No. 241N—Nickel Plated Finish, Planished.

Size Open, Inches.....	2x2	2½ x 2½	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Pair	\$0.47	.50	.55	.57	.57	.84	.64

2x2 and 2½ x 2½ inches, Three Pairs; Larger Sizes, One Pair in a Box, with Screws.

WROUGHT STEEL, BALL TIPS

No. 731—Japanned.

Size Open, Inches.....	2x2	2½ x 2½	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Dozen Pairs.....	\$1.70	2.00	2.15	2.40	2.90	4.00	5.50

2x2 to 4x4 inches, One-half Dozen Pairs; Larger Sizes, One-quarter Dozen Pairs in Box.

No. 731½—Japanned.

Size Open, Inches.....	3x3	3½ x 3½	4x4	4½ x 4½	5x5
Per Pair	\$0.23	.25	.31	.42	.60

One Pair in a Box, with Screws.

No. 733—Japanned Dead Black.

Size Open, Inches.....	3x3	3½ x 3½	4x4
Per Pair	\$0.26	.27	.34

One Pair in a Box, with Screws.

CAST IRON, REVERSIBLE

No. 1—Not Japanned, Plain Steel Tip.

Size Open, Inches.....	3x3	3½ x 3½
Size of Screws, Nos.....	10	10
Number of Screw Holes.....	6	6
Per Dozen Pairs.....	\$1.75	2.35

One-half Dozen Pairs in a Box.

LOOSE PIN BUTTS

WROUGHT STEEL, LIGHT, NARROW, BALL TIPS

No. 295A—Natural Bronze Finish, Planished.

Size, Inches	1½	2	2½
Width Open, Inches	1⅞	1⅞	1⅞
Number of Screw Holes	4	4	6
Size of Screws	6	6	6
Per Dozen Pairs	\$2.90	3.60	3.90

No. 295D2—Antique Copper Finish, Planished.

Size, Inches	1½	2	2½
Per Dozen Pairs	\$3.35	4.05	4.35

No. 295F—Old Brass, Not Shaded, Planished.

Size, Inches	1½	2	2½
Per Dozen Pairs	\$3.35	4.05	4.35

No. 295SF4—Antique Brass, Sand Finish.

Size, Inches	1½	2	2½
Per Dozen Pairs	\$3.35	4.05	4.35

No. 295N—Nickel Plated, Planished.

Size, Inches	2	2½
Per Dozen Pairs	\$5.40	5.70

Note—1½ and 2 inch Have Three Knuckles; 2½ Have Five Knuckles in Joint.
One-half Dozen Pairs in a Box, with Screws.

WROUGHT STEEL, LIGHT, BALL TIPS

No. 289A—Natural Bronze Finish, Planished.

Size Open, Inches	2x2	2x2½	2½x2	2½x2½
Number of Screw Holes	4	6	6	6
Size of Screws	7	8	8	8
Per Dozen Pairs	\$4.00	4.10	4.15	4.25

No. 289D2—Antique Copper Finish, Planished.

Size Open, Inches	2x2	2x2½	2½x2	2½x2½
Per Dozen Pairs	\$4.45	4.55	4.60	4.70

No. 289SD2—Antique Copper, Sand Finish.

Size Open, Inches	2x2	2x2½	2½x2	2½x2½
Per Dozen Pairs	\$4.90	5.00	5.05	5.15

No. 289F—Old Brass, Not Shaded, Planished.

Size Open, Inches	2x2	2x2½	2½x2	2½x2½
Per Dozen Pairs	\$4.45	4.55	4.60	4.70

No. 289SF4—Antique Brass, Sand Finish.

Size Open, Inches	2x2	2x2½	2½x2	2½x2½
Per Dozen Pairs	\$4.90	5.00	5.05	5.15

No. 289N—Nickel Plated Finish, Planished.

Size Open, Inches	2x2	2½x2½
Per Dozen Pairs	\$5.80	6.05

No. 289H—Dead Black, Electro Plated.

Size Open, Inches	2x2	2x2½	2½x2	2½x2½
Per Dozen Pairs	\$5.10	5.20	5.25	5.35

Note—2x2 and 2x2½ inch Have Three Knuckles; 2½x2 and 2½x2½ Have Five Knuckles in the Joint.

One-half Dozen Pairs in a Box, with Screws.

WROUGHT BRASS, BALL TIPS

No. 39—Polished.

Inches	2x1½
Per Dozen Pairs	\$8.50

One Dozen Pairs in a Box, with Screws.

ORNAMENTAL FULL SURFACE, BEVEL EDGE

Wrought Steel, Ball Tips.

No. 166D2—Antique Copper Finish, Planished.

Length of Joint, Inches	1½	2	2½
Width, Inches	1¾	2⅞	2⅞
Per Pair	\$0.27	.42	.48

No. 166F—Old Brass, Not Shaded, Planished.

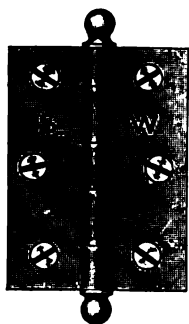
Length of Joint, Inches	1½	2	2½
Width, Inches	1¾	2⅞	2⅞
Per Pair	\$0.27	.42	.48

No. 166SF4—Antique Brass, Sand Finish.

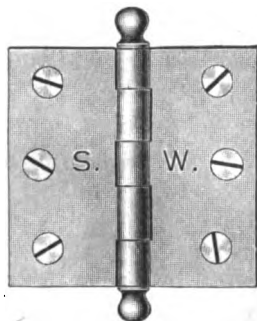
Length of Joint, Inches	1½	2	2½
Width, Inches	1¾	2⅞	2⅞
Per Pair	\$0.33	.48	.54

Note—1½ inch Has Oval Head Loose Pin.

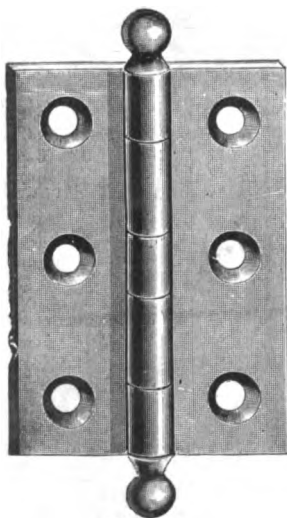
1½ inch, One Dozen Pairs; 2 and 2½ inch, One-quarter Dozen Pairs in a Box, with Oval Head Screws.



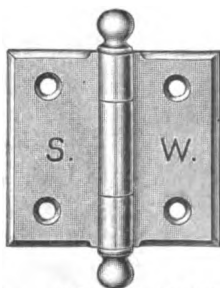
Nos. 295A to 295N.



Nos. 289A to 289H.



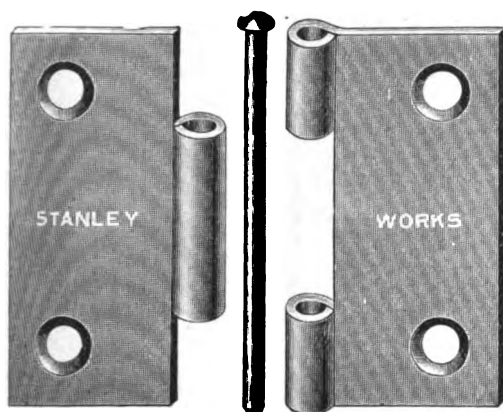
No. 39.



Nos. 166D2 to 166SF4.

WROUGHT STEEL BUTTS

LIGHT, LOOSE PIN, REVERSIBLE



Nos. 748 to 288F.

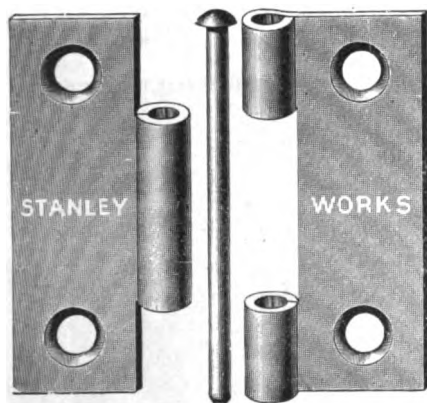
No. 748—Japanned.			
Size Open, Inches.....	2x2		2½ x 2½
Screw Holes	4		6
Size of Screws, Nos.....	7		7
Per Dozen Pairs.....	\$1.00		1.20

No. 288D2—Antique Copper Finish, Planished.			
Size Open, Inches.....	2x2	2x2½	2½ x 2
Screw Holes	4	4	6
Size of Screws, Nos.....	7	7	7
Per Dozen Pairs.....	\$1.82	1.92	2.03

No. 288F—Old Brass, Not Shaded, Planished.			
Size Open, Inches.....	2x2	2x2½	2½ x 2
Per Dozen Pairs.....	\$1.82	1.92	2.03
2x2 and 2x2½ inch have Three Knuckles, 2½ x 2 and 2½ x 2½ inch have Five Knuckles in Joint.			

One Dozen Pairs in a Box, with Screws.

LIGHT, NARROW, LOOSE PIN, REVERSIBLE



Nos. 286D2 to 286SF4.

No. 286D2—Antique Copper Finish, Planished.			
Length, Inches	1½	2	2½
Width Open, Inches.....	1½	1½	1½
Screw Holes	4	4	6
Size of Screws, Nos.....	5	6	6
Per Dozen Pairs.....	\$1.37	1.62	1.90

No. 286F—Old Brass, Not Shaded, Planished.			
Length, Inches	1½	2	2½
Per Dozen Pairs.....	\$1.37	1.62	1.90

No. 286SF4—Antique Brass, Sand Finish.			
Length, Inches	1½	2	2½
Per Dozen Pairs.....	\$1.70	1.95	2.20
One Dozen Pairs in a Box, with Screws.			

BROAD OR TRANSOM, FAST JOINT

No. 291D2—Antique Copper Finish, Planished.

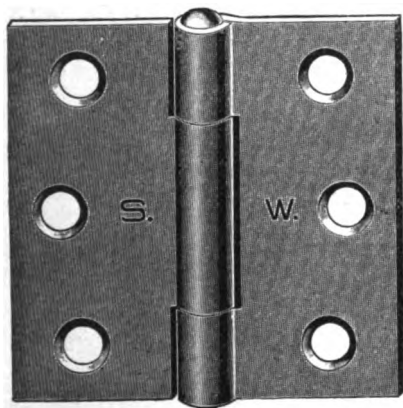
Size, Open, Inches.....	2½ x 2½	3x3
Screw Holes	6	6
Size of Screws, Nos.....	8	9
Per Dozen Pairs.....	\$2.65	3.40

No. 291F—Old Brass, Not Shaded, Planished.

Size, Open, Inches.....	2½ x 2½	3x3
Per Dozen Pairs.....	\$2.65	3.40

No. 291SF4—Antique Brass, Sand Finish.

Size, Open, Inches.....	2½ x 2½	3x3
Per Dozen Pairs.....	\$3.00	4.10
One-half Dozen Pairs in a Box, with Screws.		



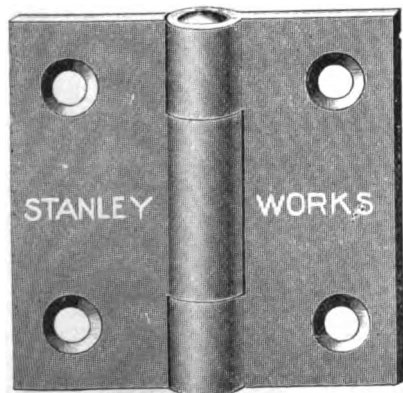
No. 291D2 to 291SF4.

BROAD, FAST JOINT

No. 747—Japanned.

Size Open, Inches.....	2x2
Screw Holes	4
Size of Screws, Nos.....	7
Per Dozen Pairs.....	\$0.95

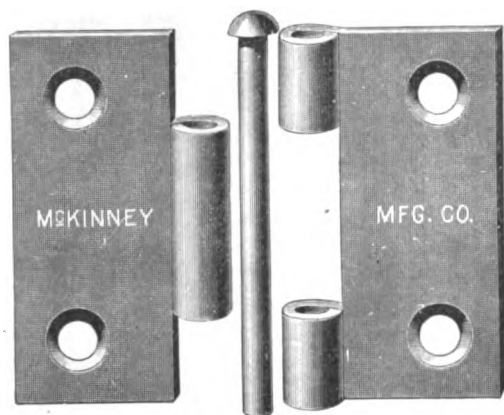
One-half Dozen Pairs in a Box.



No. 747.

WROUGHT STEEL BUTTS

LOOSE PIN, REVERSIBLE

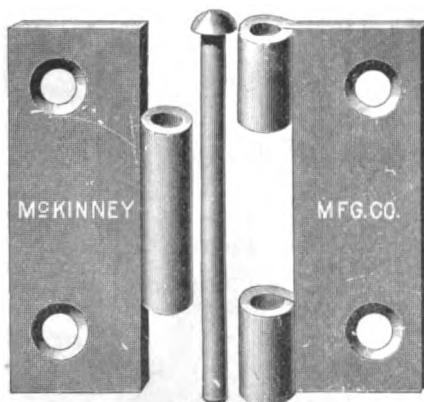


No. 703.

No. 703—Bright Steel.

Size Open, Inches.....	2x2	2x2½	2½x2	2½x2½	2½x3	3x2½
Screw Holes	4	4	6	6	6	6
Size of Screws, Nos.....	7	7	8	8	8	9
Per Dozen Pairs.....	\$1.40	1.50	1.50	1.80	2.20	2.40
Size Open, Inches.....	3x3	3x3½	3½x3	3½x3½	4x3½	
Screw Holes	6	6	6	6	8	
Size of Screws, Nos.....	9	9	10	10	10	
Per Dozen Pairs.....	\$2.60	3.00	3.60	3.80	4.60	
Size Open, Inches.....	4x4	4½x4½	5x5	5½x5½	6x6	
Screw Holes	8	8	8	8	8	
Size of Screws, Nos.....	10	11	12	13	13	
Per Dozen Pairs.....	\$4.70	5.90	7.70	9.60	11.40	

2x2 to 3x3½ inches, One Dozen Pairs; 3½x3 to 5x5 inches, One-half Dozen Pairs; 5½x5½ and 6x6 inches, One-quarter Dozen Pairs in a Box.



No. 721.

LIGHT NARROW, LOOSE PIN, REVERSIBLE

No. 721—Bright Steel.

Size, Inches	1½	1¾	2
Width, Open, Inches.....	1⅞	1⅞	1⅞
Number of Screw Holes.....	4	4	4
Size of Screws, Nos.....	5	5	6
Per Dozen Pairs.....	\$0.90	1.00	1.10
Size, Inches	2½	2½	3
Width, Open, Inches.....	1⅞	1⅞	2
Number of Screw Holes.....	6	6	6
Size of Screws, Nos.....	6	6	7
Per Dozen Pairs.....	\$1.25	1.45	1.80

One Dozen Pairs in a Box.



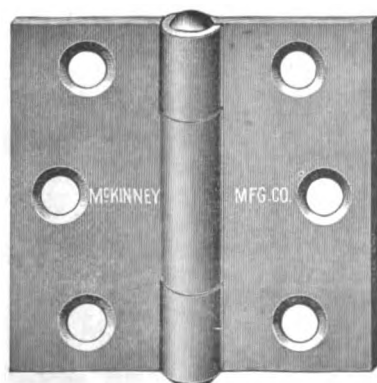
No. 717.

LIGHT, LOOSE PIN, REVERSIBLE

No. 717—Bright Steel.

Size Open, Inches.....	2x2	2x2½	2½x2½
Number of Screw Holes....	4	4	4
Size of Screws, Nos.....	7	7	7
Per Dozen Pairs.....	\$1.40	1.50	1.80

One Dozen Pairs in a Box.



No. 705.

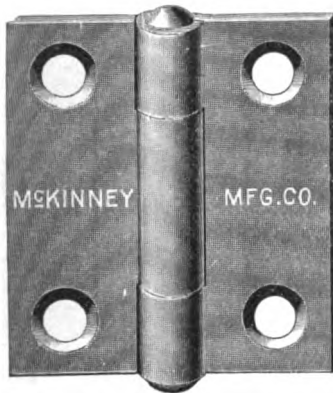
BROAD, FAST JOINT

No. 705—Bright Steel

Size Open, Inches.....	2x2	2½x2½	3x3	3½x3½
Number of Screw Holes....	4	6	6	6
Size of Screws, Nos.....	7	8	9	10
Per Dozen Pairs.....	\$1.20	1.60	2.40	2.50

2x2 to 3x3 inches, One Dozen; 3½x3½ inches One-half Dozen Pairs in a Box.

WROUGHT STEEL BUTTS



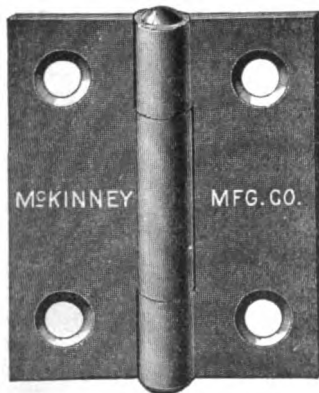
No. 700.

REGULAR NARROW, RIVETED

No. 700—Bright Steel.

Size, Inches	1	1 1/4	1 1/2	1 3/4	2	2 1/4
Width Open, Inches.....	1 1/4	1 1/8	1 1/2	1 3/8	1 3/4	1 7/8
Number of Screw Holes....	4	4	4	4	4	6
Size of Screws, Nos.....	5	6	6	7	8	8
Per Dozen Pairs.....	\$0.40	.50	.65	.80	.90	1.05
Size, Inches	2 1/4	2 3/4	3	3 1/2	4	
Width Open, Inches.....	1 7/8	2 1/8	2 1/8	2 1/8	2 7/8	
Number of Screw Holes....	6	6	6	6	8	
Size of Screws, Nos.....	8	9	9	10	10	
Per Dozen Pairs.....	\$1.10	1.30	1.45	2.00	2.85	

One Dozen Pairs in a Box.



No. 719.

LIGHT NARROW, RIVETED

No. 719—Bright Steel.

Size, Inches	1	1 1/4	1 1/2	1 3/4	2
Width Open, Inches.....	1	1 1/8	1 1/8	1 1/8	1 1/8
Number of Screw Holes....	4	4	4	4	4
Size of Screws, Nos.....	3	3	5	5	6
Per Dozen Pairs.....	\$0.40	.50	.65	.80	.90
Size, Inches	2 1/4	2 1/2	2 3/4	3	
Width Open, Inches.....	1 1/4	1 1/4	1 7/8	2	
Number of Screw Holes....	6	6	6	6	
Size of Screws, Nos.....	6	6	7	7	
Per Dozen Pairs.....	\$1.05	1.10	1.30	1.45	

One Dozen Pairs in a Box.



No. 332A.

LIGHT INSIDE BLIND, RIVETED

No. 332A—Natural Bronze Finish, Planished

Size Length of Joint, Inches.....	1 1/4
Width Open, Inches	1 7/8
Number of Screw Holes.....	6
Size of Screws, Nos.....	5
Per Dozen Pairs.....	\$0.84

One Dozen Pairs in a Box, with Screws.



No. 723.

LIGHT INSIDE BLIND, RIVETED

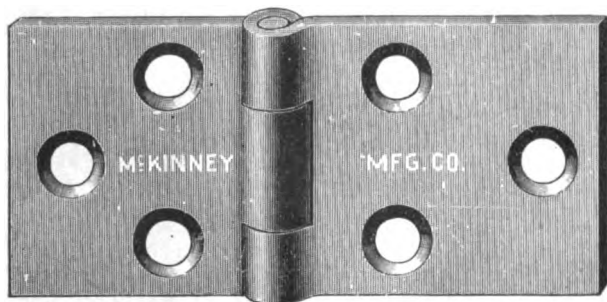
No. 723—Bright Steel.

Size, Inches	1	1 1/8	1 1/4	1 3/4	1 1/2
Width Open, Inches.....	1 3/4	1 3/4	1 7/8	2	2 1/8
Number of Screw Holes.....	6	6	6	6	6
Size of Screws, Nos.....	4	5	5	5	5
Per Dozen Pairs.....	\$0.60	.65	.70	.75	.80

One Dozen Pairs in a Box.

WROUGHT STEEL HINGES

TABLE, RIVETED

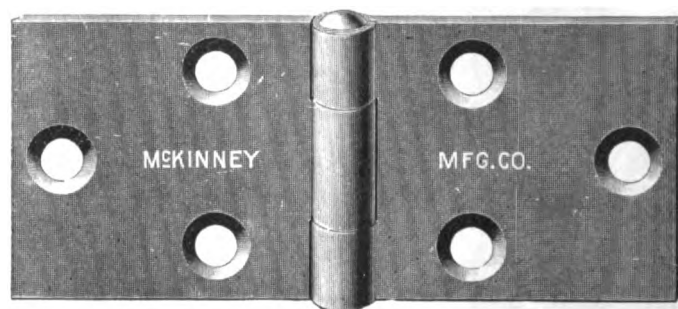


No. 707—Bright Steel.

Size, Inches	1	1 1/8	1 1/4	1 3/8	1 1/2
Width Open, Inches...	2 5/8	2 3/4	2 7/8	2 11/8	3 1/8
Size of Screws, Nos....	6	7	7	7	8
No. of Screw Holes....	6	6	6	6	6
Per Dozen Pairs.....	\$0.75	.80	.90	1.00	1.05

One Dozen in a Box.

BACK FLAPS, RIVETED

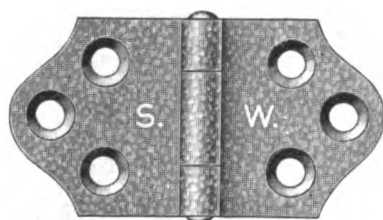


No. 709—Bright Steel.

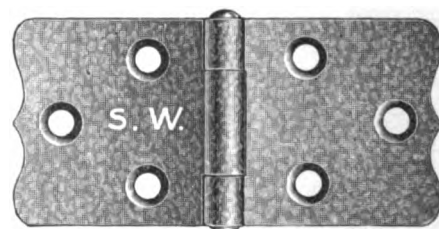
Size, Inches	1	1 1/8	1 1/4
Width Open, Inches....	2 5/8	3 1/8	3 1/2
Size of Screws, Nos....	6	7	8
Number of Screw Holes....	6	6	6
Per Dozen Pairs.....	\$0.80	1.00	1.20

One Dozen Pairs in a Box.

WASH TRAY



Style of 1 1/4 inch.



Style of 2 inch.

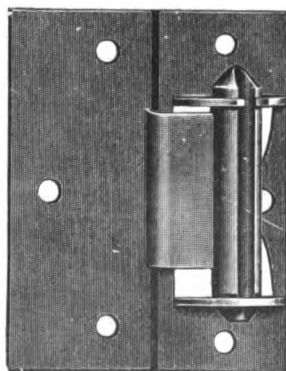
No. 1312—Galvanized, with Brass Pins.

Length of Joint, Inches.....	1 3/4	2
Width Open, Inches.....	3 1/8	4 1/8
Per Dozen Pairs.....	\$2.70	3.25

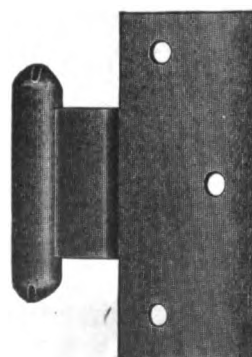
One Dozen Pairs in a Box, with Screws.

STORM AND SCREEN DOOR HINGES

DIEHL'S SEPARABLE AND REVERSIBLE



No. 20 Hinge, Complete.



No. 21.

This part of Hinge No. 20, known as No. 21, can be Bought Separate, for Interchanging from Storm to Screen Doors.

14 Gauge Open Hearth Steel.

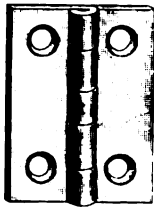
No. 20—3 1/4 x 2 3/4 inch, Wrought Steel, Japanned, Complete Hinge	Per Dozen Pairs
No. 21—3 1/4 x 2 1/4 inch, Wrought Steel, Japanned, Part of Hinge that Goes on Door Only.....	\$3.00
	1.75

This Hinge is made of No: 14 gauge open hearth steel. Door may be removed or changed without removing the hinges.

One Dozen Pairs in a Box.

WROUGHT BRASS BUTTS

NARROW



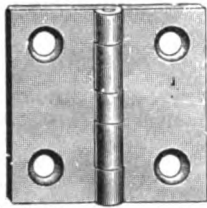
Full Size Cut 1 inch.

Wrought Brass.

Size, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Width Open, Inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Size Screw	0	2	2	2
Per Dozen Pairs	\$0.24	.28	.30	.32
Size, Inches	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Width Open, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{2}$
Size Screw	3	4	5	5
Per Dozen Pairs	\$0.46	.52	.68	.80

One Dozen Pairs in a Box; Six Dozen Pairs in a Carton;
without Screws.

BROAD



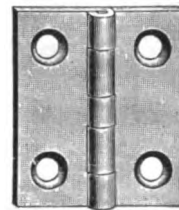
Full Size Cut 1 inch.

Wrought Brass.

Size, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Width Open, In...	$\frac{1}{2}$	1	1	$1\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Size Screws	3	3	3	4	5	5
Per Dozen Pairs	\$0.32	.36	.40	.54	.68	.84
Size, Inches	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	
Width Open, In...	$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	
Size Screws	5	5	6	7	8	
Per Dozen Pairs	\$1.04	1.50	2.00	2.60	3.50	

One Dozen Pairs in a Box; 1 to $2\frac{1}{4}$ inch, Six Dozen Pairs;
 $2\frac{1}{4}$ to 3 inch, Three Dozen Pairs; 3 inch, One Dozen
Pairs in a Carton, without Screws.

MIDDLE



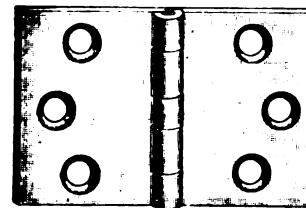
Full Size Cut 1 inch.

Wrought Brass.

Size, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Width Open, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{8}$	1
Size Screw	0	2	3	3	4	4
Per Dozen Pairs	\$0.26	.30	.34	.38	.48	.60
Size, Inches	$1\frac{1}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Width Open, Inches	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$
Size Screw	5	5	5	6	7	8
Per Dozen Pairs	\$0.76	.92	1.30	1.70	2.30	3.00

One Dozen Pairs in a Box; $\frac{3}{4}$ to $2\frac{1}{4}$ inch, Six Dozen Pairs;
 $2\frac{1}{4}$ to 3 inch, Three Dozen Pairs; 3 inch, One Dozen
Pairs in a Carton, without Screws.

DESK



Full Size Cut 1 inch.

Wrought Brass.

Size, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Width Open, Inches	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$
Size Screws	3	3	4	4	4	4
Per Dozen Pairs	\$0.40	.50	.60	.72	.84	
Size, Inches	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	2	
Width Open, Inches	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{2}$	
Size Screws	5	5	5	6	7	
Per Dozen Pairs	\$1.10	1.20	2.00	2.80		

One Dozen Pairs in a Box; Six Dozen Pairs in a Carton,
without Screws.

BOX HINGES

Cuts Full Size.



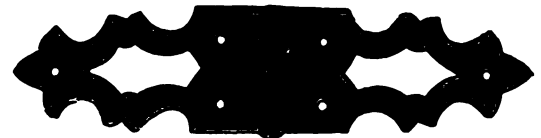
Wrought Brass.

No. 6— $\frac{1}{2}$ x $1\frac{1}{2}$ inch, Polished Brass	Per Dozen Pairs
	\$0.60
No. 6N— $\frac{1}{2}$ x $1\frac{1}{2}$ inch, Nickel Plated	1.00
Three Dozen Pairs in a Box.	



Wrought Brass.

No. 22— $\frac{1}{2}$ x $1\frac{1}{2}$ inch, Polished Brass	Per Dozen Pairs
	\$1.20
No. 22N— $\frac{1}{2}$ x $1\frac{1}{2}$ inch, Nickel Plated	1.60
Three Dozen Pairs in a Box.	

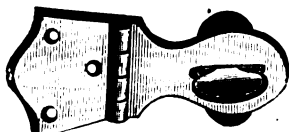


Wrought Brass.

No. 7 $\frac{1}{2}$ — $\frac{1}{2}$ x $2\frac{3}{4}$ inch, Polished Brass	Per Dozen Pairs
	\$1.25
No. 7 $\frac{1}{2}$ N— $\frac{1}{2}$ x $2\frac{3}{4}$ inch, Nickel Plated	1.50
Three Dozen Pairs in a Box.	

BOX HASPS

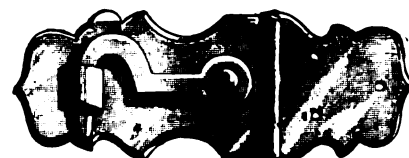
Cuts Full Size.



Wrought Brass, with Turn.

Per Single Dozen

No. 850 — $\frac{1}{2}$ x $1\frac{1}{2}$ inch, Polished Brass	\$1.00
No. 850N — $\frac{1}{2}$ x $1\frac{1}{2}$ inch, Nickel Plated	1.10
Three Dozen in a Box.	



Wrought Brass, with Hook.

Per Single Dozen

No. 841 — $\frac{1}{2}$ x $2\frac{1}{4}$ inch, Polished Brass	\$1.80
No. 841N — $\frac{1}{2}$ x $2\frac{1}{4}$ inch, Nickel Plated	2.00
One Dozen in a Box.	

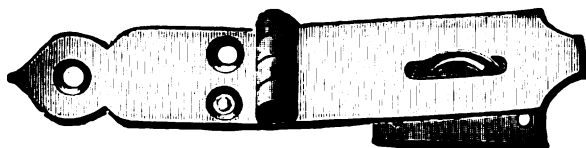
HINGE HASPS

Cuts Full Size.



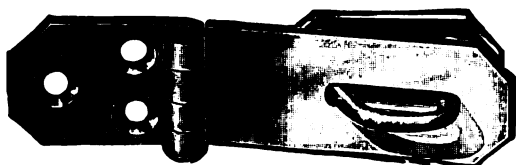
Wrought Brass.

No. 802— $\frac{3}{8}$ x $1\frac{1}{2}$ inches, Polished Brass.....\$1.00
Three Dozen in a Box.



Wrought Brass.

No. 803— $\frac{1}{2}$ x 3 inches, Polished Brass.....\$1.20
Three Dozen in a Box.

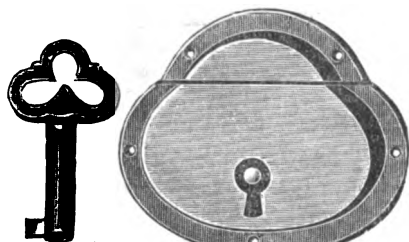


Wrought Brass.

No. 804— $\frac{3}{4}$ x $2\frac{5}{8}$ inches, Polished Brass.....\$1.40
Three Dozen in a Box.

BOX LOCKS

Cuts Full Size.

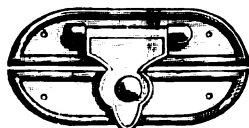


Wrought Brass.

No. 820— $1\frac{1}{4}$ x $1\frac{1}{2}$ inches, Polished Brass, 1 Key with
Each Lock\$3.00
One Dozen in a Box.

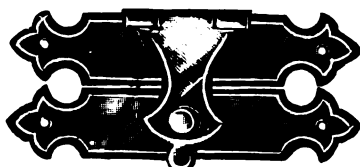
BOX CATCHES

Cuts Full Size.



Wrought Brass.

No. 850— $\frac{3}{8}$ x $1\frac{1}{4}$ inches, Polished Brass.....\$0.70
Three Dozen in a Box.



Wrought Brass.

No. 866— $\frac{3}{8}$ x $1\frac{1}{4}$ inches, Polished Brass.....\$0.95
Three Dozen in a Box.

SAMPLE AND SUIT CASE CORNERS

Cuts Full Size.



Wrought Brass

Per Dozen

No. 01791— $1\frac{1}{4}$ x $\frac{3}{4}$ inches, Brass, Buffed and Lac-
quered\$0.50
No. 01792— $1\frac{1}{4}$ x $\frac{3}{4}$ inches, Brass, Nickel Plated..... .75
Twelve Dozen in a Box.



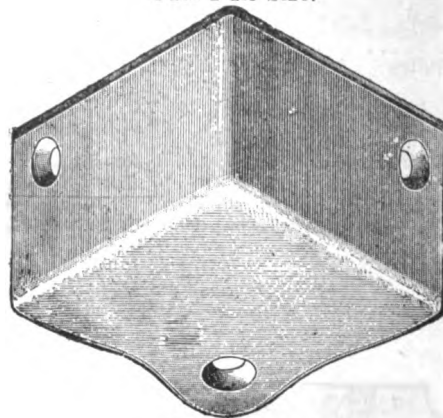
Wrought Brass.

Per Dozen

No. 01793— $1\frac{1}{4}$ x $\frac{3}{4}$ inches, Brass, Buffed and Lac-
quered\$0.80
No. 01794— $1\frac{1}{4}$ x $\frac{3}{4}$ inches, Brass, Nickel Plated..... 1.00
Twelve Dozen in a Box.

CHEST CORNERS

Cuts Full Size.

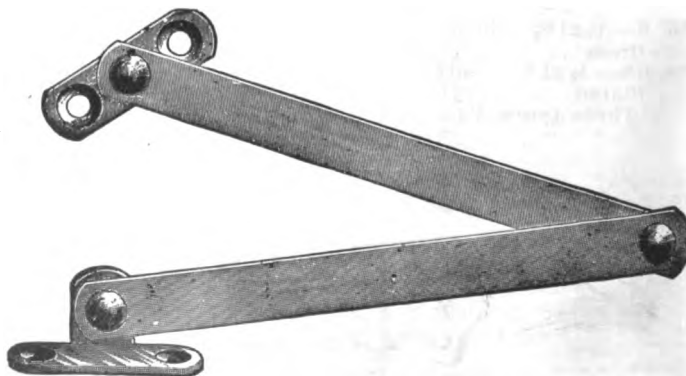


Cast Brass.

Per Dozen

No. 487— $1\frac{1}{2}$ x $\frac{7}{8}$ inches, Polished, Cast Brass.....\$3.80
One Dozen in a Box.

SUPPORT OR STAY HINGES



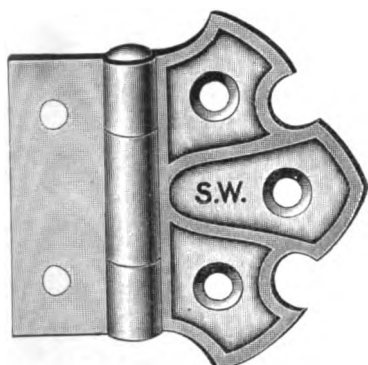
Wrought Brass.

Per Dozen Pairs

No. 82—4 inch, Polished Brass.....\$4.70
No. 83—5 inch, Polished Brass..... 5.80
One Dozen Pairs in a Box.

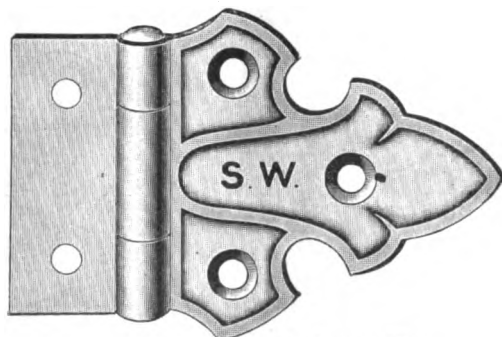
ORNAMENTAL HINGES

HALF SURFACE



Wrought Steel, Loose Pin.
Length of Joint $1\frac{1}{2}$ inches, Width, when Open $1\frac{1}{8}$ inches.

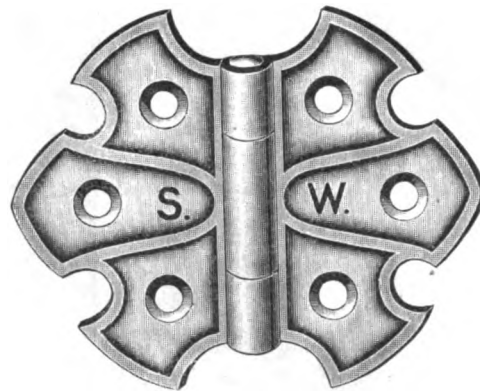
Per Dozen Pairs
No. 1479D2 — Antique Copper Finish \$2.10
No. 1479F — Old Brass, not Shaded 2.10
One Dozen Pairs in a Box, with Screws.



Wrought Steel, Loose Pin.
Length of Joint $1\frac{1}{2}$ inches, Width, when Open $2\frac{5}{8}$ inches.

Per Dozen Pairs
No. 1481D2 — Antique Copper Finish \$2.10
No. 1481F — Old Brass, not Shaded 2.10
One Dozen Pairs in a Box, with Screws.

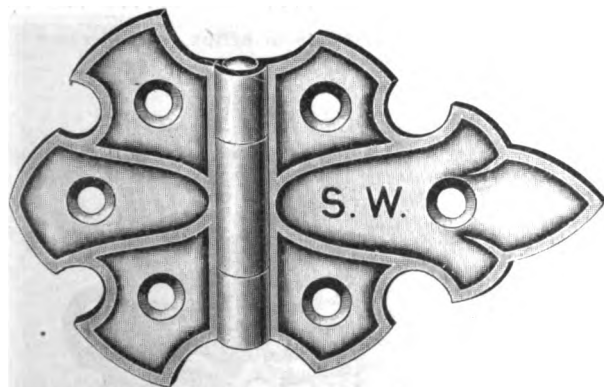
LOTUS



Wrought Steel.
Length of Joint $1\frac{1}{2}$ inches, Width, when Open $2\frac{1}{2}$ inches.

Per Dozen Pairs
No. 1478D2 — Antique Copper Finish \$2.10
No. 1478F — Old Brass, not Shaded 2.10
No. 1478SF4 — Antique Brass, Sand Finish 2.40
One Dozen Pairs in a Box, with Screws.

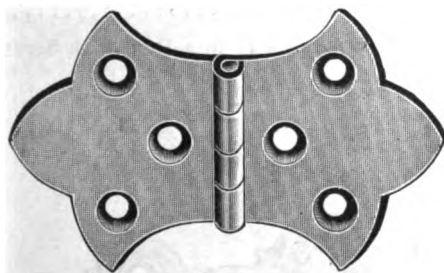
LOTUS PATTERN



Wrought Steel.
Length of Joint $1\frac{1}{2}$ inches, Width when Open $3\frac{1}{8}$ inches.

Per Dozen Pairs
No. 1480D2 — Antique Copper Finish \$2.10
No. 1480F — Old Brass, not Shaded 2.10
No. 1480SF4 — Antique Brass, Sand Finish 2.40
One Dozen Pairs in a Box, with Screws.

IVY LEAF PATTERN

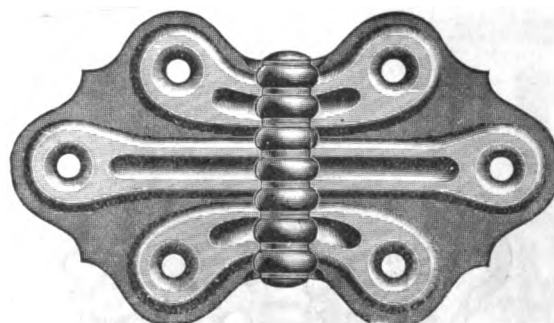
**Wrought Brass.**

Per Dozen Pairs
No. 760B — $1\frac{1}{2} \times 2\frac{1}{4}$ inches, Old Brass, Weight Per Dozen Pairs $\frac{3}{4}$ Lb. \$1.10
No. 76AB — $1\frac{1}{2} \times 2\frac{1}{4}$ inch, Antique Copper Finish, Weight Per Dozen Pairs $\frac{3}{4}$ Lb. 1.10
No. 750B — $1\frac{1}{2} \times 3$ inches, Old Brass, Weight Per Dozen Pairs $1\frac{1}{2}$ Lbs. 1.40
No. 75AB — $1\frac{1}{2} \times 3$ inches, Antique Copper Finish, Weight Per Dozen Pairs $1\frac{1}{2}$ Lbs. 1.40

Wrought Steel.

Per Dozen Pairs
No. 75 $\frac{1}{2}$ AB — $1\frac{1}{2}$ inch, Antique Copper Finish \$1.10
Nos. 760B and 76AB, Three Dozen Pairs; Nos. 750B to 75 $\frac{1}{2}$ AB, Two Dozen Pairs in a Box.

BUTTERFLY PATTERN

**Corrugated, Wrought Steel.**

Length of Joint $1\frac{1}{4}$ inches, Width when Open 3 inches.

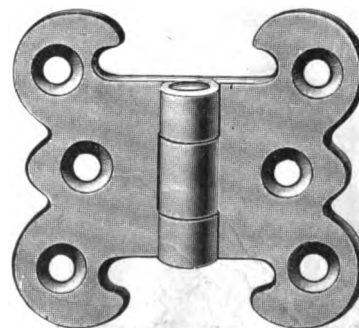
Per Dozen Pairs
No. 1431D2 — Antique Copper Finish \$2.10
No. 1431F — Old Brass, not Shaded 2.10

Corrugated, Wrought Brass.

Length of Joint $1\frac{1}{4}$ inches, Width when Open 3 inches.

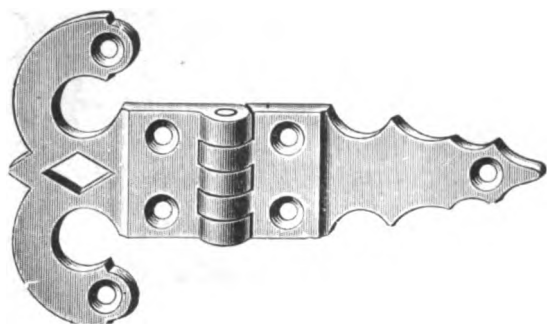
Per Dozen Pairs
No. 1430D2 — Antique Copper Finish \$3.00
No. 1430F — Old Brass, not Shaded 3.00
One Dozen Pairs in a Box, with Screws.

REFRIGERATOR PATTERN

**Wrought Steel.**

Per Dozen Pairs
No. 1420D2 — $1\frac{1}{4} \times 1\frac{3}{4}$ inches, Planished, Antique Copper Finish \$2.35
One Dozen Pairs in a Box, with Screws.

REFRIGERATOR HINGES



Cast Brass, Highly Polished.

Nos.	11	12	13	14
Length Over All, Inches.	4 1/2	5 3/4	6 1/4	7 1/2
Per Dozen Pairs.....	\$8.00	11.80	14.80	20.00

Cast Brass, Nickel Plated.

Nos.	1	2	3	4
Length Over All, Inches.	4 1/2	5 3/4	6 1/4	7 1/2
Per Dozen Pairs.....	\$8.80	12.50	16.20	22.00

One-half Dozen Pairs in a Box.



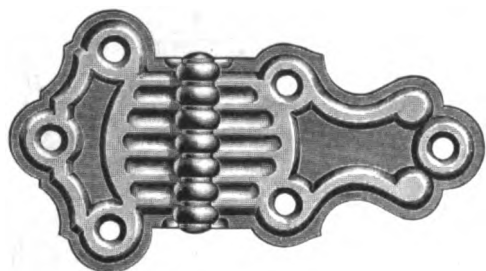
No. Z1428C—Wrought Steel, Sherardized, Brass Plated.

Length of Long Strap, Inches.....	2 3/8
Extreme Width of Short End, Inches.....	2 3/8
Width at Joint, Inches.....	1 1/4
Per Dozen Pairs.....	\$9.00

No. X1428N—Wrought Steel, Nickel Plated.

Length of Long Strap, Inches.....	2 3/8
Extreme Width of Short End, Inches.....	2 3/8
Width at Joint, Inches.....	1 1/4
Per Dozen Pairs.....	\$7.00

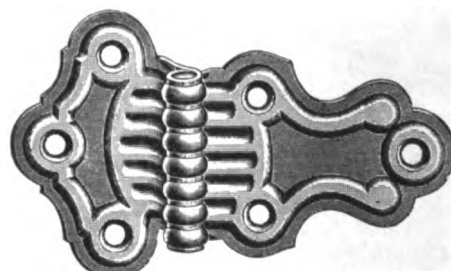
One-half Dozen Pairs in a Box, with Screws.



Length of Joint 1 3/4 inches, Width when Open 4 3/8 inches, Ornamental, Corrugated, Flush.

	Per Dozen Pairs
No. 1404 —Wrought Brass, Polished	\$13.50
No. 1405D2—Wrought Steel, Antique Copper Finish, Polished	9.00

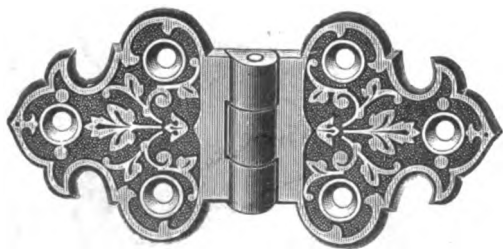
One-half Dozen Pairs in a Box, with Screws.



Length of Joint 1 3/4 inches, Width when Open 4 3/8 inches, Ornamental, Corrugated, 3/8 inch Offset in Short Leaf.

	Per Dozen Pairs
No. 1408 —Wrought Brass, Polished	\$13.00
No. 1409D2—Wrought Steel, Antique Copper Finish, Polished	9.00

One-half Dozen Pairs in a Box, with Screws.

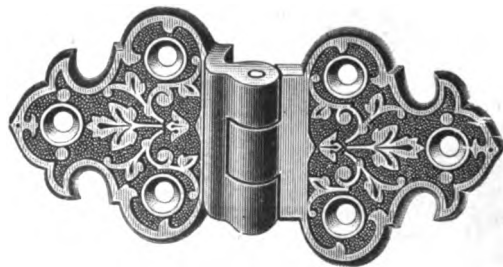


Cast Iron, Brass Rivet, Flat.

Length of Joint 2 1/2 inches, Width when Open 5 inches.

	Per Dozen Pairs
No. T400—Tuscan Bronzed	\$4.00

One-half Dozen Pairs in a Box, with Screws.



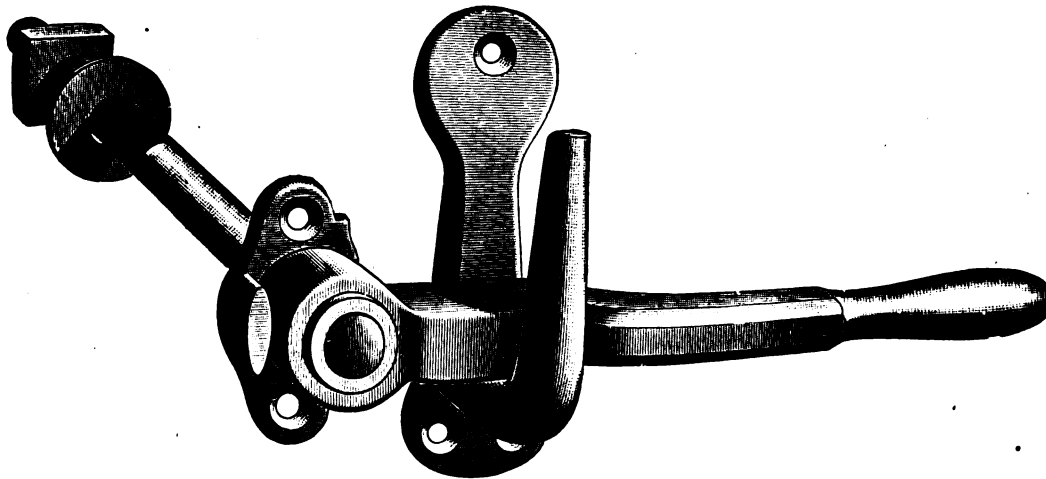
Cast Iron, Brass Rivet, with 3/8 inch Offset.

Length of Joint 2 1/2 inches, Width when Open 5 inches.

	Per Dozen Pairs
No. T402—Tuscan Bronzed	\$4.00

One-half Dozen Pairs in a Box, with Screws.

LEVER ICE BOX FASTENERS



No. 91—With Bolt, Japanned Iron.

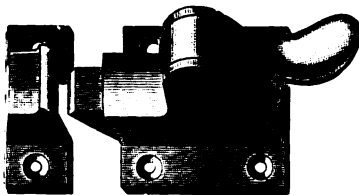
Length of Lever, Inches.....	6	9	12
Size of Bolt	$\frac{1}{2}$ x 6 $\frac{1}{2}$	$\frac{5}{8}$ x 7 $\frac{1}{2}$	$\frac{3}{4}$ x 8 $\frac{1}{2}$
Per Dozen	\$8.00	14.00	18.00

No. 801—With Bolt, Cast Brass, Highly Polished.

Length of Lever, Inches.....	6	9	12
Size of Bolt	$\frac{1}{2}$ x 6 $\frac{1}{2}$	$\frac{5}{8}$ x 7 $\frac{1}{2}$	$\frac{3}{4}$ x 8 $\frac{1}{2}$
Per Dozen	\$27.00	42.00	78.00

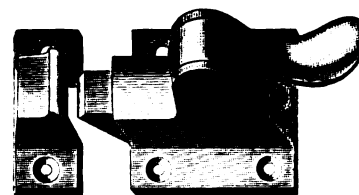
Note—When Ordering State Length of Levers.
6 and 9 inch, One-half Dozen; 12 inch, One-third Dozen in a Box.

REFRIGERATOR CATCHES



Cast Iron.
Size 1 $\frac{3}{4}$ x 1 $\frac{3}{4}$ inches.

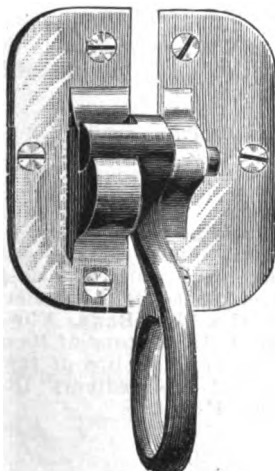
No. T456—Tuscan Bronzed, Weight Per Dozen 5 Lbs..	Per Dozen
Size 2 $\frac{3}{8}$ x 2 inches.	\$4.50
No. T466—Tuscan Bronzed, Weight Per Dozen 8 Lbs..	\$5.40
One-half Dozen in a Box, with Screws.	



Cast Brass.

No. 856—Natural Color, Highly Polished, Weight Per Dozen 5 Lbs.....	Per Dozen
Size 1 $\frac{3}{4}$ x 1 $\frac{3}{4}$ inches.	\$18.00
No. N856—Nickel Plated, Polished, Weight Per Dozen 5 Lbs.	14.50
Size 2 $\frac{3}{8}$ x 2 inches.	
No. 866—Natural Color, Highly Polished, Weight Per Dozen 8 Lbs.....	\$16.50
No. N866—Nickel Plated, Polished, Weight Per Dozen 8 Lbs.	17.50
One-half Dozen in a Box, with Screws.	

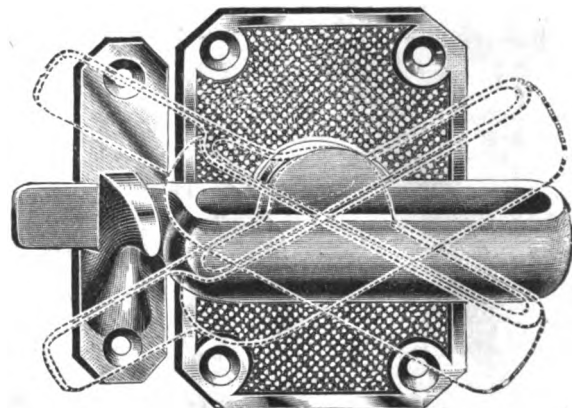
CONROY REFRIGERATOR FASTENERS



Cut Shows Right Hand. When Ordering, State Hand Wanted.
Cast Brass, Highly Polished.

Nos.	2	3	4
Size, Inches	6 $\frac{1}{4}$ x 3 $\frac{1}{4}$	5 $\frac{3}{4}$ x 3	5 $\frac{1}{4}$ x 2 $\frac{1}{2}$
Per Dozen	\$28.00	16.50	18.00
One-half Dozen in a Box.			

REFRIGERATOR LATCHES

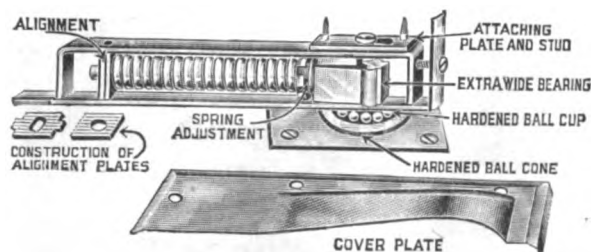


Cast Brass.

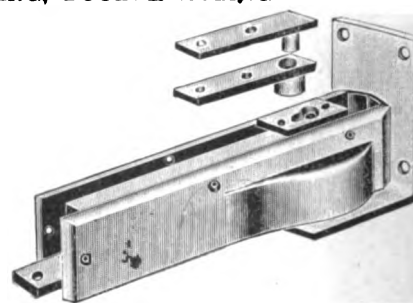
No. 815—Natural Color, Polished.....	Per Dozen
Size 3 $\frac{1}{2}$ x 2 $\frac{1}{4}$ inches, Reversible Handle.	\$19.00
No. N815—Nickel Plated, Polished.....	21.00
One-half Dozen in a Box.	

FLOOR HINGES

THE NEW SHELBY "CHIEF," BALL BEARING, DOUBLE ACTING



Cut Shows Hinge with Finish Plate Removed.



Cut Shows Hinge Complete.

Application of the "New Shelby Chief" Double Acting Floor Hinge.—Fit the door full size of opening, then round the back edge allow the door to swing close to the jamb. Apply the Top Pivot to the jamb and the Pivot Socket to the top of the door sunk flush. After Pivot and Hinge have been secured, place the door in position, entering the Pivot first and placing the bottom of the door in proper position with the floor plate on the surface of the floor. Before securing the Plate to the floor see that the door is in line with the door jamb, apply the lower plates flush with bottom of door.

These Hinges swing doors double acting by using a stop bead on casing. They work equally well single action.

Adjustable Tension, to Apply to Surface of Floors.

The New Shelby Chief Hinge is the easiest to apply, it is not necessary to cut a hole in the floor to receive the hinge as is the case with other makes of Floor Hinges. The Shelby Chief overcomes these objectionable features, as it rests upon the surface of the floor and is the only Floor Hinge that can be used where steel beams come near the surface of the Floor, no metal box required for cement, concrete or tile floors. Water cannot get to the working parts of hinge and rust it out. Tension of Spring can be adjusted at any time after door is hung.

Heavy Wrought Steel Frame, Best Oil Tempered Steel Spring, Steel Foot Plate.

Japanned Dead Black.

Nos.	2	4
For Doors, Thickness, Inches.....	1 1/4 to 1 3/4	1 3/4 to 2
Per Set	\$2.80	3.50

Dull or Old Brass, Planished.

Nos.	15	17
For Doors, Thickness, Inches.....	1 1/4 to 1 3/4	1 3/4 to 2
Weight Per Set, Lbs.....	3 3/4	5 1/2
Per Set	\$3.75	4.55

Antique Copper, Planished.

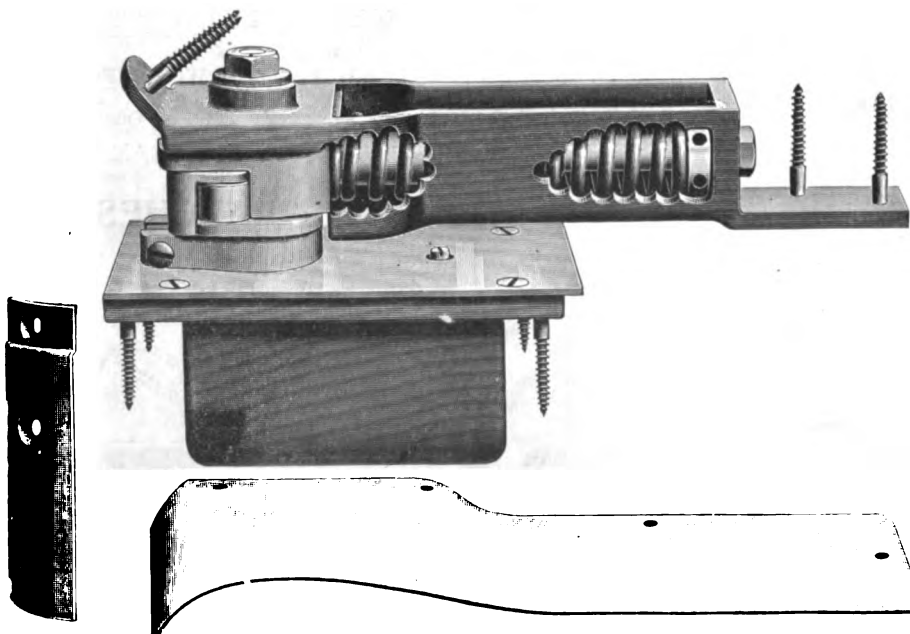
Nos.	42	44
For Doors, Thickness, Inches.....	1 1/4 to 1 3/4	1 3/4 to 2
Per Set	\$3.75	4.55

Antique Brass, Sand Finish.

Nos.	31	33
For Doors, Thickness, Inches.....	1 1/4 to 1 3/4	1 3/4 to 2
Weight Per Set, Lbs.....	3 3/4	5 1/2
Per Set	\$4.45	4.70

One Set in a Box, with Screws.

"STANDARD," DOUBLE ACTING, CHECKING



Bearings—All Bearing Surfaces of the cam and plunger are large with long wearing surfaces. The weight of the door rests on hardened Steel Ball Bearings, operating in a hardened tool steel cup and cone. Bearings are placed at the top of the hinge, instead of at the base, to keep them free from grit and damp.

The Hinge Frame is of special design, so arranged that all mortising in the door is eliminated.

Alignment—The door can always be brought to perfect alignment after it is hung by loosening alignment screw on one side of cam and tightening the one on the other side.

Durability—On account of checking mechanism automatically controlling the spring hinge, the door is closed gently and stops when it reaches the center of the joint, avoiding the Slam-Bang, Flip-Flop action of the door until it stops of its own accord, thereby increasing the life of the hinge many times that of the ordinary Double-Acting Spring Floor Hinge.

STEEL SIDE PLATES AND STEEL FLOOR PLATE

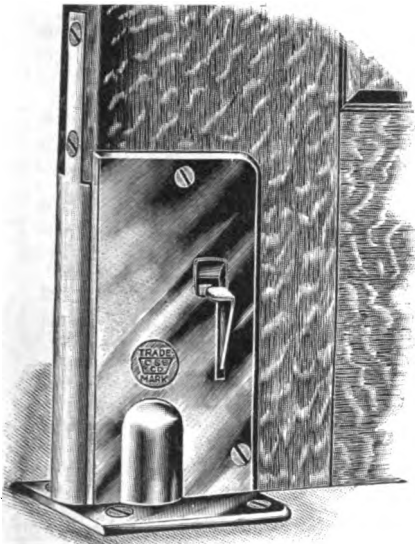
For Doors 1 1/4 to 1 3/4 inches Thick, Not Over 32 inches by 7 feet.

No. 4D—Antique Copper Plated, Weight Per Set 5 Lbs.....	Per Set \$8.00
No. 5D—Old Brass Plated, Weight Per Set 5 Lbs.....	8.00

One Set in a Box, with Screws.

FLOOR SPRING HINGES

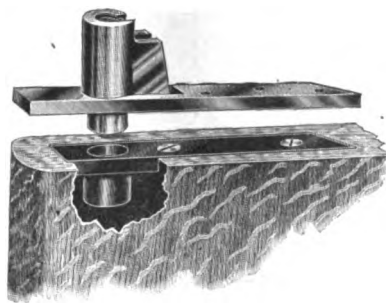
CHICAGO "RELAX" SPRING PIVOT, BALL BEARING



Cut Shows Hinge Applied to Door.

Steel, Antique Copper, Planished.

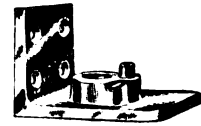
Nos.	6171	6171
For Doors, Inches. 1 1/4 to 1 1/2	1 1/2 to 2	
Per Set	\$5.10	7.70



Top Socket with Adjustable Top Pivot.

Steel, Dull Brass, Planished.

Nos.	6281	6281
For Doors, Inches. 1 1/4 to 1 1/2	1 1/2 to 2	
Per Set	\$5.10	7.70



Concrete Floor Plate.

Steel, Antique Brass, Sand Finish.

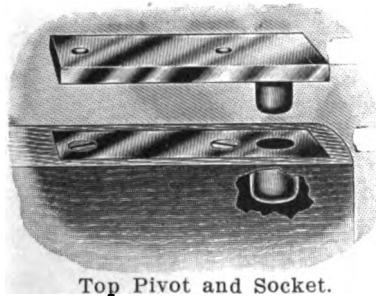
Nos.	6281AB	6281AB
For Doors, Inches. 1 1/4 to 1 1/2	1 1/2 to 2	
Per Set	6.10	9.20

The "Adjustable Top Pivot" is always furnished with this hinge, permitting the door to be readily taken down and allowing full clearance of doorway.

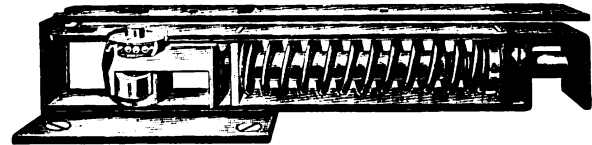
For "Concrete Floors" a special "Concrete Floor Plate," which is applied to the door casing, is furnished when so specified.

One Set in a Box, with Screws.

CHICAGO "PREMIER" SPRING PIVOT, BALL BEARING



Top Pivot and Socket.



Exposed View.

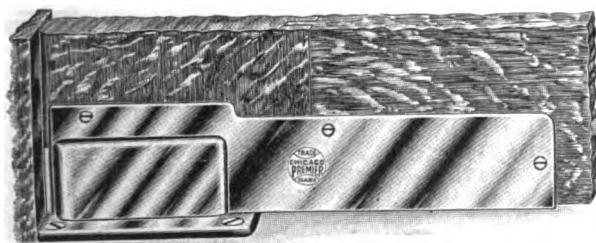
This Hinge holds the door open when it is swung to 90 degrees. The weight of the door is carried on Ball Bearings, the eccentric is equipped with hardened steel roller bearings and the piston is made of drop-forged steel.

Compression spring is made of the best tempered steel flat wire, producing the greatest efficiency and durability, adjustable tension.

The alignment feature is readily accessible at any time and is adjusted by turning a single screw.

The floor plate has an invisible reinforcement into which the pintle of hinge engages, thereby making a positive connection.

The attaching plate serves as a templet for cutting the door, requiring only the use of a saw and eliminates mortising projecting arms into the edges of the door.



Applied View.

Steel, Antique Copper, Planished.

No.	4171	
For Doors, Inches.	1 1/4 to 1 3/4	
Per Set	\$2.80	

Steel, Dull Brass, Planished.

No.	4281	
For Doors, Inches.	1 1/4 to 1 3/4	
Per Set	\$2.80	

Steel, Antique Brass, Sand Finish.

No.	4281AB	
For Doors, Inches.	1 1/4 to 1 3/4	
Per Set	\$3.35	

Where floors are tile or concrete, the hinges should be specified with Concrete Floor Plates, which are attached to the door casing. Concrete Floor Plates are a part of the hinge and cannot be supplied individually for the regular hinges.

The regular hinge can be applied to concrete floors by leading the screw holes into which the floor plate is fastened or by using expansion screws.

One Set in a Box, with Screws.

SPRING BUTTS

CHICAGO TRIPLEX, SINGLE ACTING
WROUGHT STEEL, PLANISHED



Nos. 2002 to
2182AB.

No. 2002—Japanned Dead Black.

Flange, Inches	3	4	5	6
For Doors, Inches	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$
Per Pair	\$1.00	1.25	1.60	2.25

No. 2172—Antique Copper Finish.

Flange, Inches	3	4	5	6
For Doors, Inches	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$
Per Pair	\$1.50	1.75	2.25	3.10

No. 2282—Dull Brass Finish.

Flange, Inches	3	4	5	6
For Doors, Inches	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$
Per Pair	\$1.50	1.75	2.25	3.10

No. 2182AB—Antique Brass, Sand Finish.

Flange, Inches	3	4	5	6
For Doors, Inches	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$
Per Pair	\$2.00	2.40	3.00	4.00

Note—In Ordering State Number and Size.
One Pair in a Box, with Screws.

CHICAGO TRIPLEX, DOUBLE ACTING
WROUGHT STEEL, PLANISHED

No. 2001—Japanned Dead Black.

Flange, Inches	3	4	5	6	7	8
For Doors, Inches	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{1}{2}$ to 2	$1\frac{1}{2}$ to $2\frac{1}{4}$
Per Pair	\$2.00	2.50	3.15	4.40	5.60	8.10

No. 2171—Antique Copper Finish.

Flange, Inches	3	4	5	6	7	8
For Doors, Inches	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{1}{2}$ to 2	$1\frac{1}{2}$ to $2\frac{1}{4}$
Per Pair	\$2.75	3.50	4.40	6.10	7.90	11.25

No. 2281—Dull Brass Finish.

Flange, Inches	3	4	5	6	7	8
For Doors, Inches	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{1}{2}$ to 2	$1\frac{1}{2}$ to $2\frac{1}{4}$
Per Pair	\$2.75	3.50	4.40	6.10	7.90	11.25

No. 2181AB—Antique Brass, Sand Finish.

Flange, Inches	3	4	5	6	7	8
For Doors, Inches	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{1}{2}$ to 2	$1\frac{1}{2}$ to $2\frac{1}{4}$
Per Pair	\$3.75	4.75	6.00	7.90	10.10	14.00

Note—In Ordering State Number and Size.
One Pair in a Box, with Screws.

CHICAGO DOUBLE ACTING
WROUGHT STEEL, PLANISHED

No. 1½—Japanned Dead Black.

For Doors, Inches	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$	$1\frac{3}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$
Per Pair	\$1.30	1.60	2.60	4.00	7.50

No. 171½—Antique Copper Finish.

For Doors, Inches	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$	$1\frac{3}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$
Per Pair	\$2.25	2.65	3.75	5.75	10.00

No. 281½—Dull Brass Finish.

For Doors, Inches	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$	$1\frac{3}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$
Per Pair	\$2.25	2.65	3.75	5.75	10.00

No. 181½AB—Antique Brass, Sand Finish.

For Doors, Inches	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$	$1\frac{3}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$
Per Pair	\$2.40	3.00	4.00	6.50	12.25

Note— $2\frac{1}{4}$ to $2\frac{1}{2}$ inch Not Carried in Stock, Furnished to Order.

In Ordering State Number and Size.

One Pair in a Box, with Screws.

BLANK BUTTS

CHICAGO DOUBLE ACTING
WROUGHT STEEL, PLANISHED

No. 3½—Japanned Dead Black.

For Doors, In.	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$
Per Pair	\$0.65	.80	1.30

For Doors, Inches	$1\frac{1}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$
Per Pair	\$2.00	3.75

No. 283½—Dull Brass Finish.

For Doors, In.	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$
Per Pair	\$1.15	1.35	1.90

For Doors, Inches	$1\frac{1}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$
Per Pair	\$2.90	5.00

Note— $2\frac{1}{4}$ to $2\frac{1}{2}$ inch Not Carried in Stock, Furnished to Order.

In Ordering State Number and Size.

One Pair in a Box, with Screws.

No. 173½—Antique Copper Finish.

For Doors, In.	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$
Per Pair	\$1.15	1.35	1.90

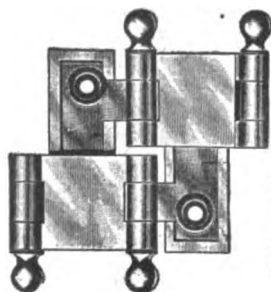
For Doors, Inches	$1\frac{1}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$
Per Pair	\$2.90	5.00

No. 183½—AB—Antique Brass, Sand Finish.

For Doors, In.	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$
Per Pair	\$1.20	1.50	2.00

For Doors, Inches	$1\frac{1}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$
Per Pair	\$3.25	6.15

Blank Butt,
Closed.



Blank Butt, Open.



Spring Butt,
Closed.



Spring Butt,
Closed on Door.

To economize for light doors, put a Chicago Spring Butt at the top and a Chicago Blank Butt at the bottom of the door. Never use a blank on outside doors, as it takes the full power of two Springs to hold door against the draft. Always put the Blank below the Spring Butt when a Blank is used. Always use the largest Spring Hinge and Blank which the thickness of door will permit.

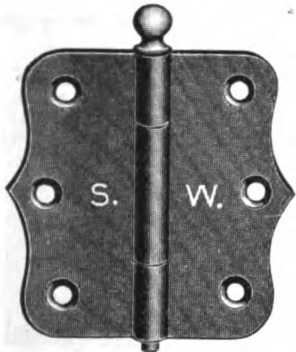
SPRING HINGES

SHELBY

Single Acting, Hold Back.
Cast Iron, Covered Spring.

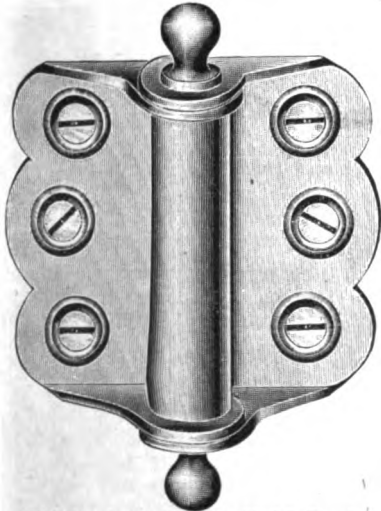
Per Dozen Pairs
No. 998—3x3 inch, Japanned,
without Screws\$1.50
One-half Dozen Pairs in a Box.

S.-W.

Loose Pin.
Wrought Steel.

Per Dozen Pairs
No. 1751J—3x3 inch, Japanned,
with Screws\$1.50
No. 1551F—3x3 inch, Dull Brass,
with Screws 2.00
No. 1551D2—3x3 inch, Antique
Copper, with Screws..... 2.00
One-half Dozen Pairs in a Box.

SHELBY MASSIVE.



Single Acting, Non-Hold Back.
Heavy Planished Steel, Tempered Steel
Spring. Per Dozen Pairs
No. 880—3 inch, Antique Copper
Finish, with Screws.....\$7.00
No. 898—3 inch, Dull Brass Fin-
ish, with Screws..... 7.00
One Pair in a Carton.

IDEAL



Single Acting, Hold Back.

Iron, Covered Spring.
Per Dozen Pairs
No. 4—3x3 inch, Japanned, with-
out Screws\$1.50
One-half Dozen Pairs in a Box; Twelve
Dozen Pairs in a Case.

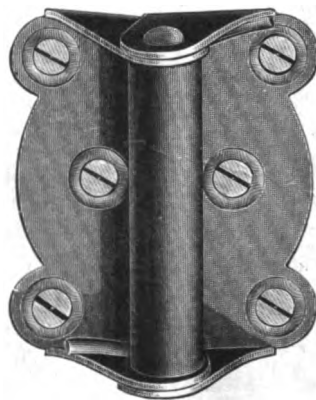
SHELBY



Single Acting, Hold Back.

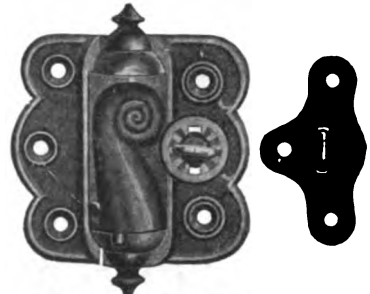
Wrought Steel, Oil Tempered Steel
Spring.
Per Dozen Pairs
No. 777—3x2 1/2 inch, Japanned,
without Screws\$1.35
One-half Dozen Pairs in a Box; Twelve
Dozen Pairs in a Case.

SHELBY.



Single Acting, Non-Hold Back.
Wrought Steel, Tempered Steel Spring.
Per Dozen Pairs
No. 888C—3 inch, Japanned, with-
out Screws\$1.75
One-half Dozen Pairs in a Box.

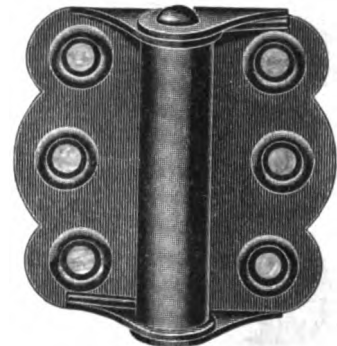
IDEAL DETACHABLE.



Single Acting, Hold Back.

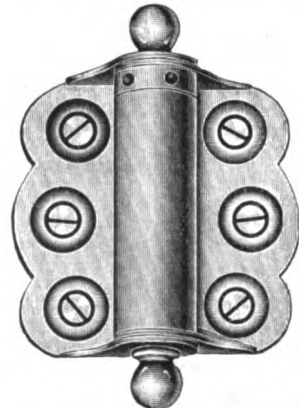
Iron, Covered Spring.
Per Dozen Pairs
No. 16—3x3 inch, Japanned, with-
out Screws\$1.75
The No. 16 Ideal Detachable Hinge
is applied like an ordinary Hinge, but
can be detached by turning the Thumb
Screw and removing the door without
the use of screw driver.
One-half Dozen Pairs in a Box; Twelve
Dozen Pairs in a Case.

DAVIS

Single Acting, Non-Hold Back.
Heavy, Wrought Steel, Tempered Steel
Spring.

Per Dozen Pairs
No. 966—3 inch, Japanned, with-
out Screws\$3.25
One-half Dozen Pairs in a Box.

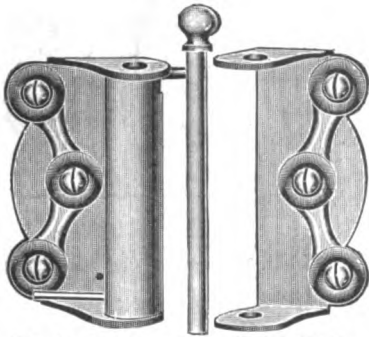
SHELBY ADJUSTABLE.



Single Acting, Non-Hold Back.

Wrought Steel, Tempered Steel Spring,
Adjustable Tension.
Per Dozen Pairs
No. 1880—3 inch, Antique Cop-
per Finish, with Screws....\$17.00
No. 1898—3 inch, Dull Brass,
with Screws 17.00
One-twelfth Dozen Pairs in a Box.

SHELBY DETACHABLE

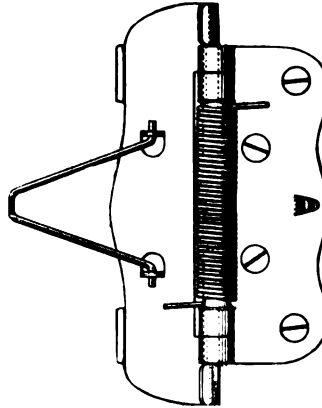


Single Acting, Non-Hold Back.
Wrought Steel, Strong, Durable, Attractive and Practical.

Per Dozen Pairs
No. 0888C—3 inch, Japanned....\$2.25
To apply, secure flange with spring on door; to detach, pull pin and remove door.

SPRING HINGES

E-Z-ON



Single Acting, Non-Hold Back.
Cold Rolled Steel, Extra Heavy, Tempered Crucible Steel Spring.

Per Dozen Pairs
E-Z-On AB—5 inch, Antique Copper Finish\$8.00
E-Z-On OB—5 inch, Old Brass Finish 8.00

EXTRA PLATES FOR DOORS

Per Dozen Pairs
AB Plates—Antique Copper Finish\$1.20
OB Plates—Old Brass Finish.... 1.20

The most practical Hinge made for Screen and Storm Doors. To detach, open door and hook loop into hook on jam flange and lift door off.

One-half Dozen Pairs in a Box, with Screws.

IDEAL



Double Acting.
Cast Iron.

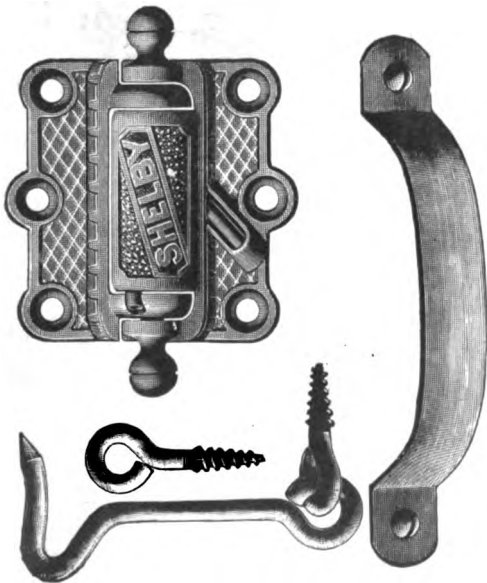
Per Dozen Pairs
No. 20—3 inch, Japanned, for 1 7/8 inch Doors\$2.50

These Hinges are especially convenient on store doors, where the main door is kept open on hot days. They allow a freedom of passage not to be had with single acting hinges.

One-third Dozen Pairs in a Box.

SCREEN DOOR SETS

SHELBY



Per Dozen Sets
No. 9988—Consists of 1 Pair No. 998 Japanned Cast Iron Hinges, 1 Stamped Steel Pull, 1 2 1/2-inch Bright Wire Hook and Eye, Complete with Screws for Hinges and Pull\$3.00
One-twelfth Dozen Sets in a Box.

S. W.

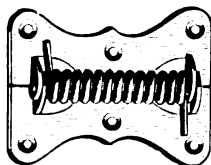


With Loose Pin Butts and Perfect Coil Spring.

Per Dozen Sets
No. 1750 —Japanned\$3.00
No. 1750F —Old Brass 4.00
No. 1750D2—Antique Copper 4.00
Sets consists of 1 Pair 3x3 inch Wrought Steel, Ornamental Design, Ball Tip, Loose Pin Hinges, 1 5-inch Pressed Steel Handle, 1 No. 3 Best Quality Spring and 1 2 1/2-inch Hook and Eye.

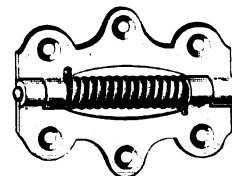
Weight Per Dozen Sets 11 1/2 Pounds.
One Set in a Box. with Screws.

SHOW CASE HINGES



Wrought Steel, Brass Spring.

Per Dozen Pairs
No. 13—2 1/4 inch, Copper Bronzed.....\$2.50
One Dozen Pairs in a Box.

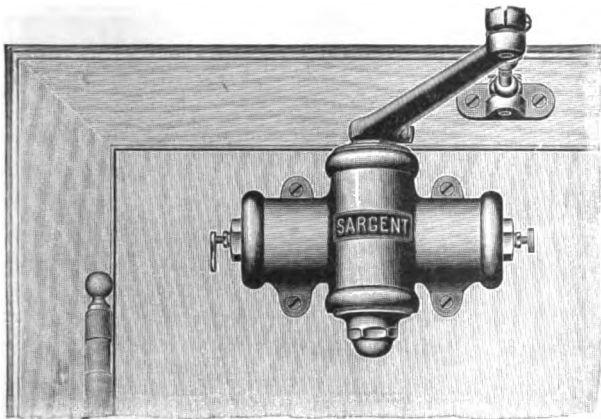


Wrought Brass, Brass Spring.

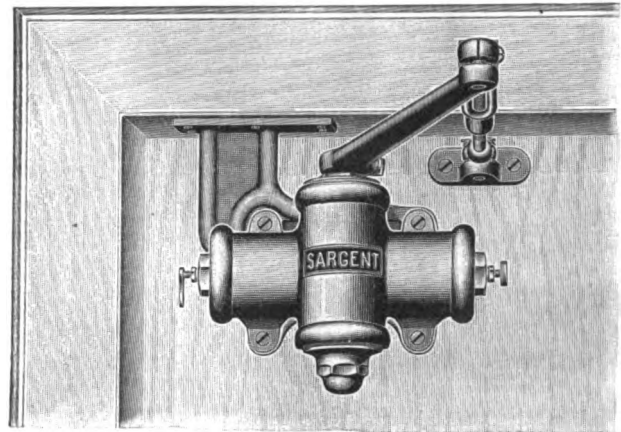
Per Dozen Pairs
No. 1—2 3/8 inch.....\$5.00
One Dozen Pairs in a Box.

SARGENT DOOR CONTROLLERS

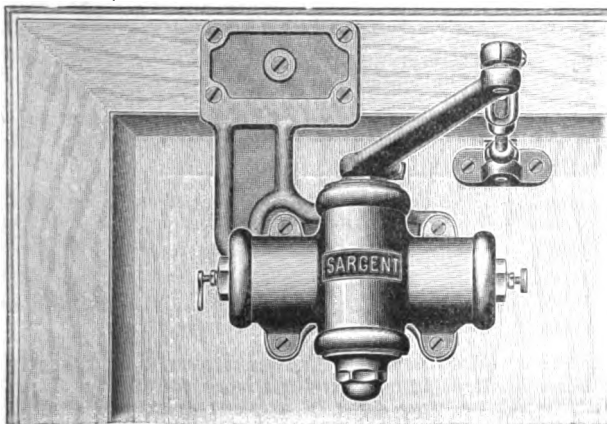
A COMBINATION OF COMPRESSION SPRING AND LIQUID CHECK



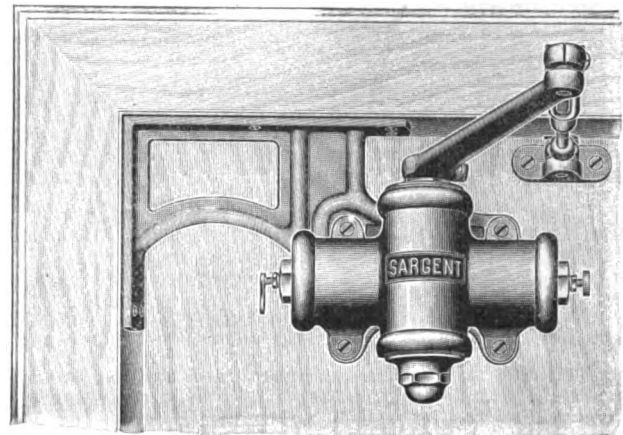
Showing the Door Controller Applied to Right Hand Door.



Showing the Door Controller Applied with Soffit Bracket.



Showing the Door Controller Applied with Flush Bracket.



Showing the Door Controller Applied with Corner Bracket.

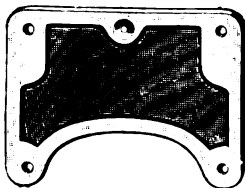


Plate No. 33.

For Doors with Very Narrow Top Rails.

Screen Doors and sometimes other doors are made with very narrow top rails to which the Door Controller cannot be applied because the screw-holes come below the top rail. In such cases it is necessary to use the extra plate (No. 33), the regular back-plate being screwed to the extra plate and that to the door.

Effectually Controls the Closing of the Door.

Sargent Reversible Liquid Door Controller is simple in construction, easy to apply, easy to regulate, prompt and effective in its action; it effectually controls the closing of the door and prevents all slamming. This is accomplished by an adjustable double control feature consisting of a speed lever (at the left in the illustration) which, combined with the vent screw (shown at the right), regulates the speed of closing. By adjusting these two parts the door can be closed quickly or slowly at the same speed from the point of greatest opening or it will move quickly to any desired point and then close gently.

The Controller is suitable for either Right or Left Hand Doors and may be quickly reversed by removing the nut (shown at the bottom of the Controller in the illustration) and a Dust Collar at the top and then turning the Controller over and replacing the Nut and Dust Collar.

The flattened coil compression spring is made of tempered steel wire of the finest quality and is very powerful.

Each Controller is packed with a blue print template giving full directions for applying, reversing and regulating.

Gold Bronzed.

No. 421—For Screen Doors and Light Inside Doors Not Over 2 feet 6 inches x 7 feet.....					\$3.25
No. 422—For Medium Inside Doors Not Over 3 feet x 7 feet 6 inches					4.25
No. 423—For Office Corridor and Medium Outside Doors.....					5.00
No. 424—For Outside Doors Not Over 3 feet 6 inches x 8 feet.....					6.00
No. 425—For Extra Large Doors					8.00

One in a Box.

SPECIAL BRACKETS FOR SARGENT DOOR CONTROLLERS

For Controllers Nos.....	421	422	423	424	425
No. 51—Soffit Brackets	Each, \$0.15	.20	.30	.35	.40
No. 52—Flush Brackets	Each, .30	.30	.35	.50	.55
No. 53—Corner Brackets	Each, .50	.60	.65	.70	.75
No. 33—Plate for Narrow Rail.....	Per Dozen, 1.70	1.70	2.50	2.50	3.80

YALE DOOR CLOSERS

MODEL Y LIQUID CONTROLLING

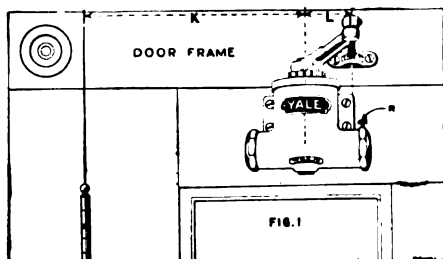
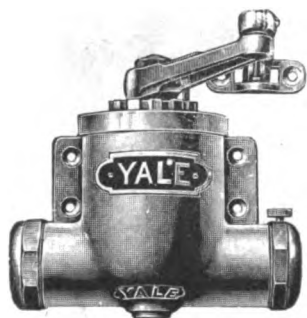


Fig. 1—Right Hand Doors from Inside.
Use Right Hand Check.

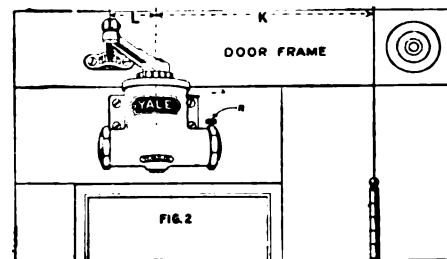


Fig. 2—Left Hand Door from Inside.
Use Left Hand Check.

This new model combines the principles of the original "Blount" Door Check, with many improvements.

Its general appearance is attractive; the screw-holes for attaching are conveniently accessible.

The "Yale" Closer combines a powerful coil spring (which furnishes the motive power to close the door) and a metallic piston moving in a metallic cylinder against a non-freezing liquid (which furnishes the checking or controlling power).

A simple Regulating Valve enables these two powers to be adjusted, relatively to each other, as to give any desired action to the door whereby it will always be positively closed, but under a controller which prevents slamming.

The shaft and crank are made of one piece of drop forged steel, of great strength and stiffness. The shaft is provided with a bearing at its lower end, instead of being overhung as before, thereby reducing the strains and greatly decreasing the tendency to wear on the packing, and to leakage of liquid.

The connecting rod is unusually heavy and is attached to the piston by means of a large pin. Supported at both ends, not overhung. The action is such that the piston rod is always under compression, not tension, a light strap thus sufficing to secure it to the crank, for convenience in handling the parts. The construction eliminates the tendency to tilt, which exists in other Door Checks and which is a constant cause of wear and leakage.

The working parts are immersed in a lubricating fluid, so that the wear resulting from continued use is inappreciable and the device when once properly adjusted in place will continue indefinitely to function without further care.

The coils or springs are guaranteed against breakage due to defective manufacture. The main arm is of unusually heavy construction, and is designed especially to guard against breakage when the check is used under severe conditions. The use of door controllers has increased rapidly and greatly. Originally designed simply to close door to prevent draughts, they are now in demand even more largely to eliminate noise and danger by insuring the quiet closing of doors.

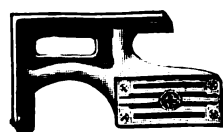
Iron, Gold Bronzed.

	Each
No. 11—For Screen Doors and Other Very Light Doors, Weight Each 5 Lbs.....	\$3.25
No. 12—For Light Inside Doors not Exceeding 7 feet High by 3 feet Wide, Weight Each 7 ¼ Lbs.....	4.25
No. 13—For Inside Doors of Medium Size not Exceeding 7 feet High by 2 ½ feet Wide, Weight Each 8 ½ Lbs.....	5.00
No. 14—For Heavy Inside and Ordinary Outside Doors not Exceeding 7 ½ feet High by 3 feet Wide, Wt. Each 12 Lbs..	6.00
No. 15—For Outside Doors of Medium Size not Exceeding 7 ½ feet High by 4 feet Wide, Weight Each 17 Lbs.....	8.00

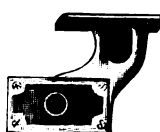
In selecting the check to be used be sure it is of ample size. If too small for the door it will not be effective in control, and is liable to be broken. For doors exposed to severe draughts, use a check one size larger than called for in the table above. Doors with metal frames or heavy glass panels, require heavier checks than ordinary doors of equal size.

One in a Box, with Screws.

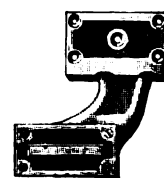
BRACKETS FOR YALE DOOR CLOSERS



Corner Bracket.



Soffit Bracket.

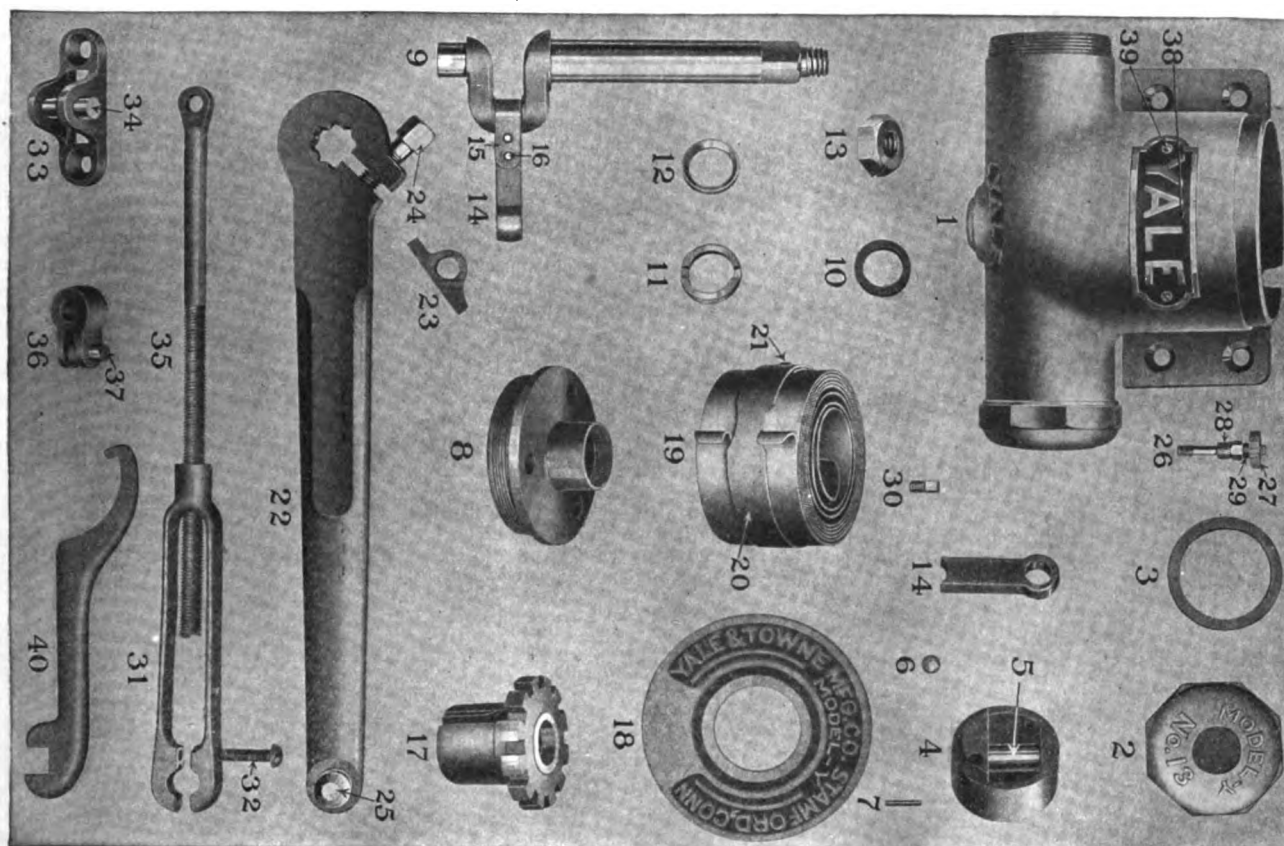


Flush Bracket.

For Check Nos.....	11	12	13	14	15
Corner Bracket.....	Each, \$0.50	.60	.65	.70	.75
Soffit Bracket.....	Each, .15	.20	.30	.35	.40
Flush Bracket.....	Each, .30	.30	.35	.50	.55

PARTS FOR YALE DOOR CLOSERS

MODEL Y

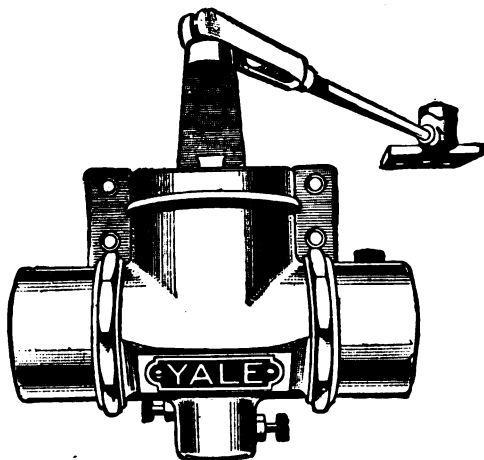


Name of Parts.						
For Checks, Nos.						
No. 1	Case or Shell	Each,	\$1.20	1.50	1.85	2.35
No. 2	End Cap	Each,	.10	.10	.15	.20
No. 3	End Cap Washer	Each,	.05	.05	.10	.10
*No. 4	Piston					
*No. 5	Piston Pin	Each,	.40	.40	.45	.50
*No. 6	Piston Valve Ball					
*No. 7	Piston Valve Retaining Pin					
No. 8	Combination Packing Nut	Each,	.50	.60	.65	.80
No. 9	Crank Shaft	Each,	.30	.40	.45	.55
*No. 10	Crank Shaft Packing					
*No. 11	Crank Shaft Nut	Each,	.10	.10	.10	.10
*No. 12	Crank Shaft Nut Follower					
No. 13	Crank Shaft Top Nut	Each,	.05	.05	.05	.05
*No. 14	Connecting Rod					
*No. 15	Connecting Rod Strap	Each,	.10	.10	.15	.15
*No. 16	Connecting Rod Strap Rivet					
No. 17	Ratchet	Each,	.20	.20	.20	.30
No. 18	Top Cap	Each,	.15	.15	.20	.30
*No. 19	Check Coil					
*No. 20	Check Coil Band	Each,	.36	.48	.60	.78
*No. 21	Check Coil Band Rivet					1.20
No. 22	Main Arm	Each,	.20	.30	.40	.45
No. 23	Main Arm Pawl	Each,	.05	.05	.05	.05
No. 24	Main Arm Clamp Pawl	Each,	.05	.05	.05	.05
No. 25	Main Arm Ball Stud					
*No. 26	Regulating Screw			Included with Part No. 22.		
*No. 27	Regulating Screw Head	Each,	.10	.10	.10	.10
*No. 28	Regulating Screw Nut					
*No. 29	Regulating Screw Washer	Each,	.05	.05	.05	.05
No. 30	End Plug			Included with Part No. 1.		
No. 31	Forked Arm	Each,	.15	.20	.25	.30
No. 32	Forked Arm Clamp Screw	Each,	.05	.05	.05	.05
No. 33	Jamb Bracket	Each,	.10	.15	.15	.20
No. 34	Jamb Bracket Pin	Each,	.05	.05	.05	.05
No. 35	Fork Screw	Each,	.05	.10	.10	.15
*No. 36	Connecting Link					
*No. 37	Connecting Link Rivet	Each,	.10	.10	.10	.15
*No. 38	Name Plate					
*No. 39	Name Plate Screw	Each,	.05	.05	.05	.05
No. 40	Wrench for Ratchet	Each,	.10	.10	.10	.10

*Note—Parts Bracketed are Usually Furnished Together.

YALE DOOR CONTROLLERS

MODEL C, DOUBLE ACTING



This is designed for use on doors hung on double acting hinges which permits the door to swing in both directions. As such hinges, of necessity, always contain springs, which operate to close the door, this article is a **checking device only**. Its construction embodies features identical with those which have made the Yale Blount Door Check successful and also a very ingenious arrangement whereby the main arm swings over the top of the door and under the Soffit of the door frame in accordance with the direction in which the door is moved.

The Yale Door Controller controls a double acting door as perfectly as the Yale Door Controller controls the single acting door. It brings the door quietly to rest on the center every time, without any of the flip-flap which heretofore has been inevitable with such doors, thus eliminating the noise and danger which they have involved and greatly reducing or preventing the draughts which such doors have heretofore permitted.

Construction.

The check consists of a short vertical cylinder, through the top of which projects the spindle, to which is attached the main arm. To the outer end of the latter is attached the adjusting arm, the other end of which is fastened to the door jamb so as the door moves the spindle is caused to rotate.

The horizontal transverse cylinder at the bottom contains the liquid chamber, the piston, and the regulating valves, by which the action of the door may be controlled independently in each direction, according to the varying conditions of wind pressure. The non-freezing liquid is hermetically sealed within the liquid chamber, and a third regulating valve controls the resistance of the door to motion in either direction from the closed position.

Gold Bronzed.

No. 53—Yale Double Acting Door Controller..... Each
One in a Box, with Screws..... \$7.00

SCREEN DOOR CHECKS AND SPRINGS

SARGENT'S LIQUID

Cast Iron, Antique Bronze Finish.

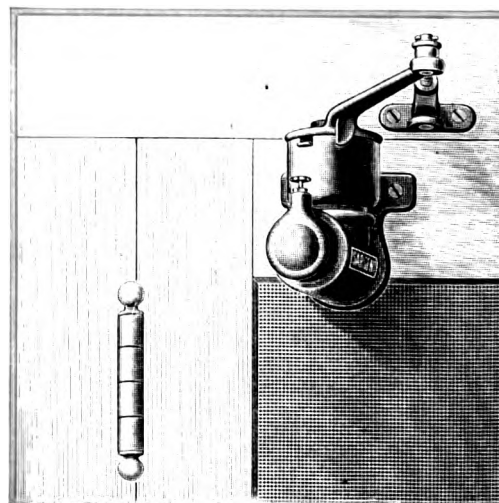
No. 20—Reversible, for Either Right or Left Hand Doors, without Changing Any Part, Requires no Regulating, Arm is Adjustable to Suit Door Frame, All Working Parts Enclosed..... Each
\$3.00

The Vent Screw regulates the speed of closing of the door, and may be adjusted as desired.

This is an effective spring and check which may be used on any screen door without the slamming and banging which annoys the occupants of the house and wears on their nerves. Can be applied by any one. A strong, sturdy and well made device.

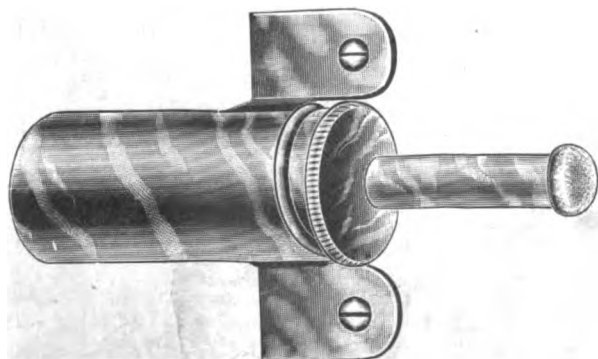
Operates quickly, keeping out flies. Checks surely, preventing the slamming and banging of doors.

One in a Box, with Screws and Template.



AUTOMATIC DOOR CHECKS

LITTLE TIGER



No. 16—2 7/8 inches Long Over All, Brass Cylinder and Plunger, Dead Nickel Finish..... Per Dozen
\$9.00

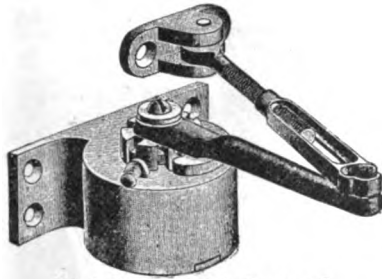
The Tiger Check is 2 7/8 inches long over all and can be set between screen door and regular door. The Cylinder and Plunger of the Tiger Door Check is made of brass and will not corrode by being exposed to the weather.

The Tiger Checks are so constructed and applied that when the door swings shut it strikes the end of the plunger and forces it into the cylinder, compressing the air in same and forming an air cushion. Very simple to apply. It is a Tiger in neatness, quickness of action, strength and checking power.

One-twelfth Dozen in a Box.

DOOR SPRINGS

ECLIPSE



Cast Iron, Gold Bronzed.

Reversible for Right or Left Hand Doors.

	Each
No. 1651—For Inside Doors.....	\$1.80
No. 1653—For Wide Inside Doors or Narrow Outside Doors.....	2.30
No. 1655—For Wide Outside Doors.....	3.00
No. 1657—For Very Wide Outside Doors.....	4.00

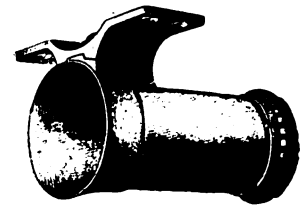
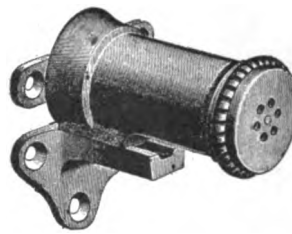
The Spring is adjustable tension, very compact and powerful and is made from extra heavy flat clock-spring steel of the finest quality.

To change hand, simply withdraw the pin at the bottom of the case and turn spring the other side up.

One in a Box, with Screws.

DOOR CHECKS

ECLIPSE



For Applying to Door.

For Applying to Casing.

Cast Iron, Gold Bronzed.

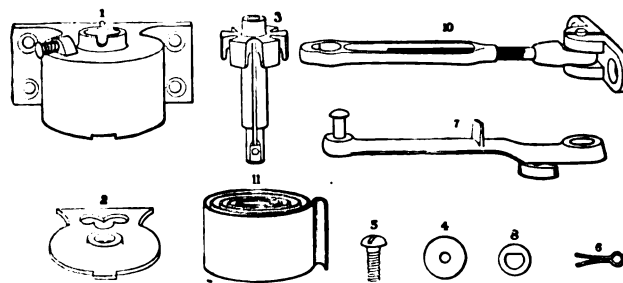
Each

No. 1623—For Ordinary Doors, 1½ inch Diameter Cylinder.....	\$3.00
No. 1625—For Wide Doors, 2 inch Diameter Cylinder..	4.00
No. 1627—For Very Wide Doors, 2½ inch Diameter Cylinder.....	6.00

Eclipse Door Checks are packed with detachable feet, so that the same check can be applied to either the door or the casing as desired. The detachable foot for attaching to the door is so arranged that the cylinder may be properly adjusted, in or out, to suit doors differently set in their frames. The set screw holds the cylinder firmly when adjusted. Have the cylinder indoors where possible. By screwing the cap at the end of the cylinder the check can be instantly varied for light or heavy draft.

One in a Box, with Screws.

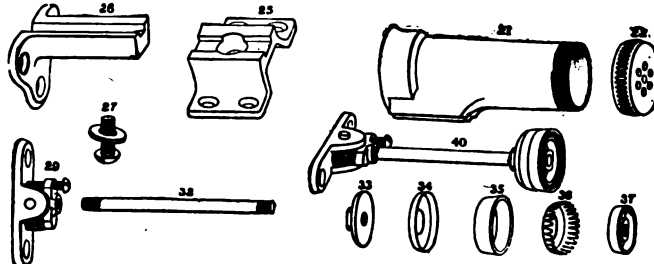
PARTS OF "ECLIPSE" DOOR SPRINGS



Size			1651	1653	1655	1657
No. 1—Case	Per Dozen,	\$4.80	6.60	8.40	12.00	
No. 2—Bottom Plate	Per Dozen,	1.20	1.80	2.40	3.00	
No. 3—Pintle	Per Dozen,	2.40	3.60	4.80	7.20	
No. 4—Pintle Washer	Per Dozen,	.60	.60	.84	.84	
No. 5—Pintle Screw	Per Dozen,	1.20	1.20	1.20	1.20	
No. 6—Cotton Pin	Per Dozen,	.24	.24	.36	.36	
No. 7—Pintle Lever	Per Dozen,	3.60	4.50	6.00	7.20	
No. 8—Lever Washer	Per Dozen,	.60	.60	.84	.84	
No. 10—Connecting Rod and Swivel	Per Dozen,	4.80	5.40	6.60	9.00	
No. 11—Clock Spring or Coil	Per Dozen,	6.00	9.00	12.00	16.00	

All parts are interchangeable, so that in case of breakage any part may be ordered by the numbers given herewith.

PARTS OF "ECLIPSE" DOOR CHECKS

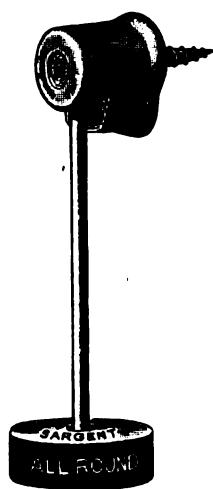


Size			1623	1625	1627
No. 21—	Cylinder (without Cap)	Per Dozen,	\$21.60	26.40	37.20
No. 22—	Cylinder Cap with Valve and Washer	Per Dozen,	6.00	9.00	12.00
No. 25—	Casing Foot	Per Dozen,	1.70	2.40	3.30
No. 26—	Door Foot	Per Dozen,	2.40	3.60	4.80
No. 27—	Foot Set Screw and Washer	Per Dozen,	1.80	3.00	4.80
No. 29—	Plunger Bracket, with Set Screw and Spring	Per Dozen,	6.00	9.00	12.00
No. 32—	Plunger Rod	Per Dozen,	1.20	1.90	3.00
No. 33—	Iron Cup Back, or Back Plate	Per Dozen,	1.20	1.90	3.00
No. 34—★	Brass Cup	Per Dozen,	.96	1.70	2.40
No. 35—	Leather Cup	Per Dozen,	3.00	4.70	7.20
No. 36—	Spreader	Per Dozen,	1.20	1.90	3.00
No. 37—	Cup Nut	Per Dozen,	.96	1.70	2.40
No. 40—	★Plunger Complete, Comprising All the Parts within the Lines Bracketed Above	Per Dozen,	14.50	22.80	33.00

All parts are interchangeable, so that in case of breakage any part may be ordered by the numbers given herewith.

SCREEN DOOR CHECKS

ALL-ROUND



No. 10—Rubber Disk, Ivory Black
Trimming \$1.75

The "All-Round" is a simple, durable and effective check for Screen Doors. It can be easily applied to any Screen Door in connection with any other Door Spring or Spring Hinge. Each time the door closes the rubber disk moves around the Wire Hanger and presents a new edge for checking the door.

One Dozen in a Box.

NO-SLAM



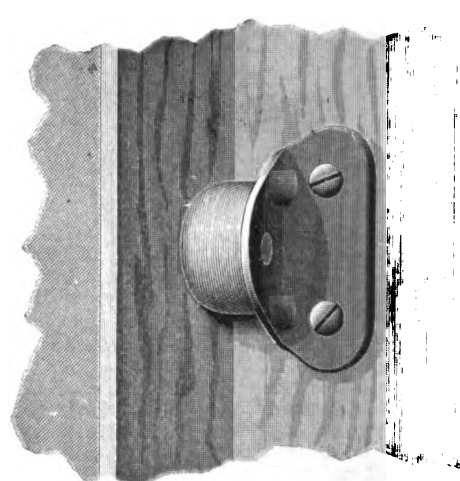
No. 1—Rubber Ball, Nickel Plated
Trimming \$4.00

This is an automatic Check for Screen Doors which can be applied to any Screen Door in connection with any Spring or Spring Hinge.

One-half Dozen in a Box, with Screws.

ANTI-SLAM

SHELBY



No. 1049—Wrought Steel, Japanned, Soft Rubber Bumper, for Screen Doors..... \$7.50

No more disturbing the slumbers of the whole household in the morning, or waking the baby, when this little device is used in keeping your Screen Doors from Banging and Slamming.

Easel to display accompanies each box. One-quarter Gross in a Box, with Screws.

DOOR SPRINGS

PERFECTION



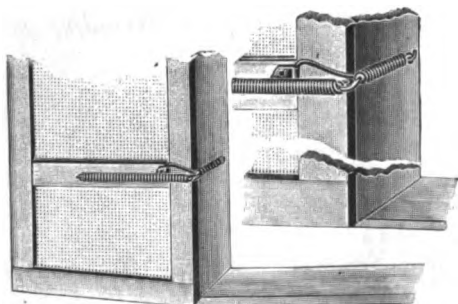
Japanned, Coiled Crucible Steel Wire, 17 inches Long, with Loop Eyes and Screw Hooks.

No. 3— $\frac{3}{8}$ inch Diameter, for Heavy Doors	Per Dozen
No. 4— $\frac{1}{2}$ inch Diameter, for Heavy Doors	\$0.60
No. 5— $\frac{1}{2}$ inch Diameter, for Extra Heavy Doors .....	.70
No. 6— $\frac{1}{2}$ inch Diameter, for Gates .....	.80

One Dozen in a Box.

DOOR SPRINGS

WAGNER, JOINTED



Japanned, Crucible Steel Wire, Jointed.

No. 51—For Light Screen Doors.....	Per Dozen
No. 52—For Heavy Screen Doors.....	\$1.50
No. 53—For Panel Doors.....	1.80
	2.40

This is the most perfect and popular Spring on the market, the Spacing Bar keeps the Coils of Spring away from the Door and acts to a certain extent as a Hold-Back, which is a convenience when taking anything through the door. With Screw Hooks and Fastener.

One Dozen in a Box, with Screws.

DOOR CLOSERS

BADGER



The Badger Screen Door Closer is a very simple and efficient device for closing light and heavy screen doors.

Wrought Arm, Malleable Iron Frame, Steel Tension Spring, Aluminum Finish.

No. 9—For Light Doors.....	Per Dozen
No. 8—For Heavy Doors.....	\$6.00
	6.00

For heavy doors the spring can be strengthened in the following way: First, by pulling the pressure rod out about an inch, then by turning it half way around and putting it back in the slot again, then twist the bar to the same position as found when shipped. Place the plate between spring and bracket behind the bar.

One-half Dozen in a Box.

GATE SPRINGS

PERFECT



No. 12 Gauge Crucible Steel Coiled Wire, Japanned.

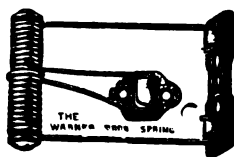
No. 10—15 inches Long, $1\frac{1}{2}$ inch Diameter, Complete with 2 Galvanized Steel Staples.....	Per Dozen
	\$2.75

Weight Per Dozen 14 Pounds.

One-half Dozen in a Box.

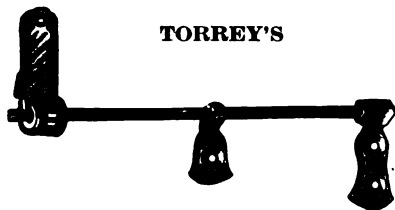
DOOR SPRINGS

RELIANCE



Coppered, Spring Steel Wire. Per Dozen
No. 1—4 3/4 inch, for Screen and Storm Doors.....\$1.00
One Dozen in a Box.

TORREY'S



Steel Rod, Malleable Iron Fixtures. Per Dozen
No. 39—39 inches Long, Japanned.....\$3.00
One Dozen in a Package, Complete with Screws and Fixtures.

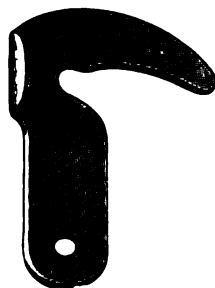
EXTRA PARTS FOR TORREY'S DOOR SPRINGS

Per Dozen Sets
Brackets, Cogs and Wrenches, for 39 inch Rods.....\$2.00
One Dozen Sets in a Box, with Screws.

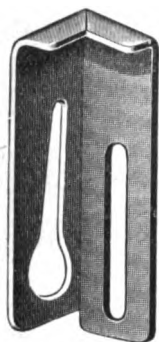
Per Dozen
Steel Rods Only, for 39 inch.....\$2.00
Ratchet, for 39 inch......50
Wrench Only, for 39 inch......50
One Dozen in a Package.

JOINT FASTENERS

PHENIX



No. 60.



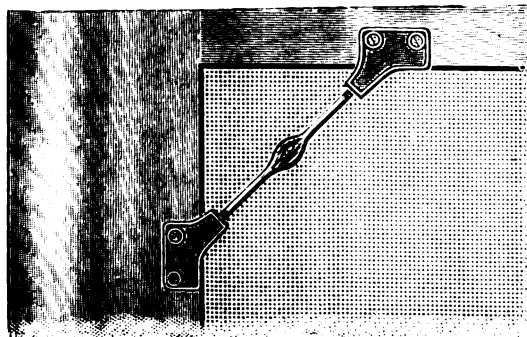
No. 70.

Wrought Steel, Galvanized. Per Dozen Sets
No. 60—Flush, Set Consists of One Piece Each Right
and Left Hand, Complete with Four 7/8 inch No. 10
Round Head Screws.....\$0.60
Two Dozen Sets in a Box.

No. 70—Corner, Set Consists of One Piece Each Right
and Left Hand, Complete with Four 7/8 inch No. 10
Round Head Screws......75
One Dozen Sets in a Box.

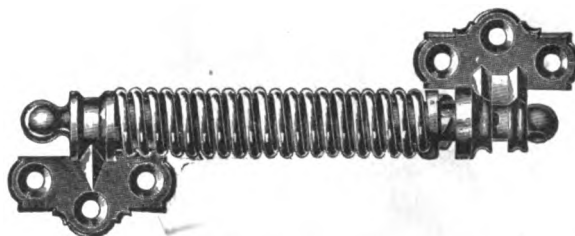
Ideal devices to clamp Veranda Screen, Storm Enclosure
Sections (either flush or corners) into solid joints.

WARNER'S



Per Dozen
No. 2—12 inches Long, Threaded Steel Rod.....\$1.60
Can be used on any Screen Door and will prevent sagging,
so that the door will swing freely and close tight.
One Dozen in a Box.

WARNER'S



Crucible Steel Spring, Malleable Iron Fixtures, Ratchet Tension
Adjustment, Japanned Oxidized Spring.

Per Dozen
No. 270L—Light, 6 1/2 inches Long.....\$2.75
No. 270M—Medium, 8 inches Long.....3.30
No. 270H—Heavy, 10 inches Long.....5.50
No. 270L, One Dozen No. 270M and 270H, One-half Dozen
in a Box.

VICTOR



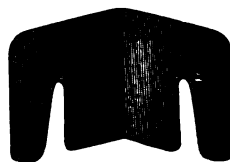
Crucible Steel Spiral Spring, Malleable Iron Fixtures,
Japanned.

Per Dozen
No. 160—9 inch, for Light Screen Doors.....\$2.20
No. 162—11 inch, for Medium Doors.....3.30
No. 163—12 inch, for Large Doors.....4.50
The tension of the coil spring can be applied or released
instantly.

Nos. 160 and 162, One Dozen; No. 163, One-half Dozen in a Box.

CORNER BRACE AND COUPLINGS

DIEHL'S BIG FOUR



No. 55.



No. 60.

Wrought Steel, Black Japanned.

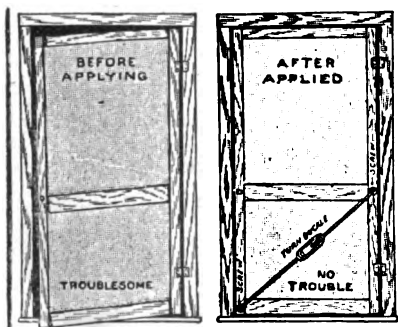
Per Gross
No. 55—Corner Brace, Length of Each Side 1 1/2 inches,
Width 1 1/4 inches, 18 Gauge Steel.....\$4.00
No. 60—Coupling, 2 1/4 inches Long, 1 1/4 inches Wide, 18
Gauge Steel.....3.50

Very useful for putting up Storm Houses, Porch Screens
and Portable Screen Cottages, or Stiffening Box Corners and
wherever a Rigid Corner or Coupling is desired, can be at-
tached or detached very readily by simply loosening the screws
so they can be slipped on or off at will.

One Gross in a Box, with Screws.

SCREEN DOOR BRACES

ANTI-SAG



Can be readily applied
to any door to draw it up
square so as to swing
clear from floor or floor
strip. By using the Anti-
Sag all trouble with sag-
ging doors is eliminated.



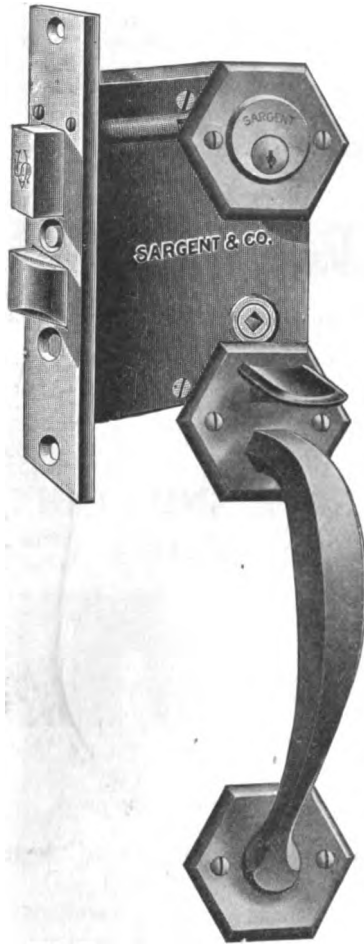
Per Dozen
Anti-Sag—42 inches Long Over All, Steel, Black Enam-
eled.....\$1.60
One Dozen in a Box, with Screws.

FRONT DOOR HANDLES AND LOCKS

FOR FINE RESIDENCES AND STORE DOORS

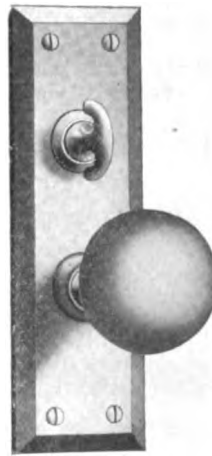
Handle on Outside, Knob and Escutcheon Inside, with Lock.

CYLINDER LOCKS



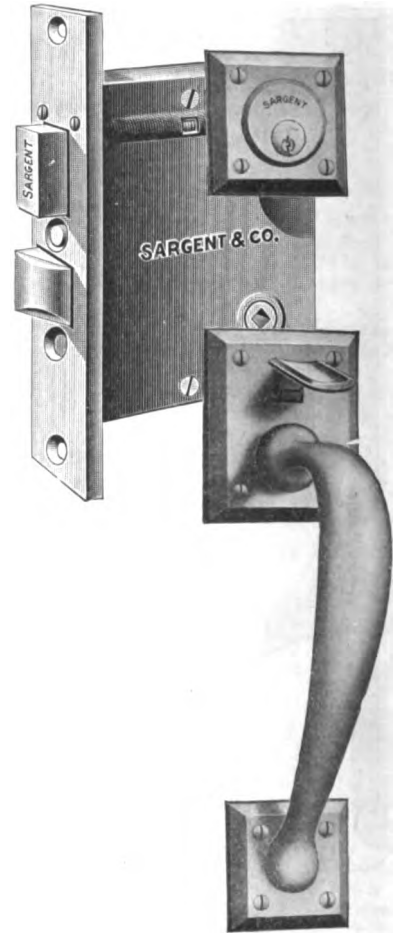
Cast Bronze.

Adjustable Flat Front.



No. 7855TCX1762.

Note—Any design Knob and Rose or Knob and Escutcheons can be substituted in place of No. 7855TCX1762 at extra cost.



Cast Bronze.

Adjustable Flat Front.

No. 600—Old Brass, Polished, OB Finish..... Per Set \$22.00

Lock—No. 91P, 5 1/2 x 4 inch Japanned Iron Case, Backset 2 3/4 inch, 7 3/4 x 1 1/4 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Bronze Cylinder, 3 Oxidized German Silver Keys No. 267, Bronze Thumb Knob Inside.

Operated—Both Bolts are Operated from the Outside by the Key, Dead Bolt is Operated from Inside by Thumb Knob, Latch Bolt is Operated from Outside by the Thumb Piece of Front Door Handle, from Inside by Patent Spindle Knob, Outside Thumb Piece of the Front Door Handle is Set by the Stop in Face of Lock.

Handle—Outside, 13 3/4 x 2 1/2 inches, Cast Bronze.

Escutcheon—Inside, No. 7855TC, 7 x 2 1/4 inch, Wrought Bronze.

Knob—Inside, No. 1762, 2 1/4 inch, Wrought Bronze.

Note—Any of our Design Knob and Escutcheon can be Substituted for Inside to Harmonize with Other Trim Used.

One Set in a Box, with Screws.

No. 605—Old Brass, Polished, OB Finish..... Per Set \$22.00

Lock—No. 961P, 5 1/2 x 4 inch Japanned Iron Case, Backset 2 3/4 inch, 7 3/4 x 1 1/4 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Bronze Cylinder, 3 Oxidized German Silver Keys No. 267, Bronze Thumb Knob Inside.

Operated—Both Bolts are Operated from the Outside by the Key, Dead Bolt is Operated from Inside by Thumb Knob, Latch Bolt is Operated from Outside by the Thumb Piece of Front Door Handle, from Inside by Patent Spindle Knob, Outside Thumb Piece of the Front Door Handle is Set by the Stop in Face of Lock.

Handle—Outside, 14 1/2 x 2 3/4 inches, Cast Bronze.

Escutcheon—Inside, No. 7855TC, 7 x 2 1/4 inch, Wrought Bronze.

Knob—Inside, No. 1762, 2 1/4 inch, Wrought Bronze.

Note—Any of our Design Knob and Escutcheon can be Substituted for Inside to Harmonize with Other Trim Used.

One Set in a Box, with Screws.

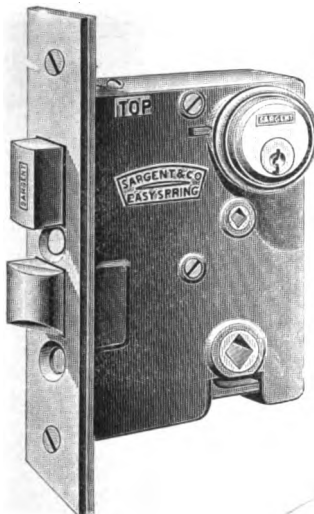
Note—When Ordering State Thickness of Door.

FRONT DOOR HANDLES AND LOCKS

FOR BUNGALOWS, FINE RESIDENCES AND STORE DOORS

Handles on Outside, Knob and Escutcheons Inside, with Lock.

CYLINDER LOCKS



No. 961P.

Cast Bronze.
Adjustable Flat Front.

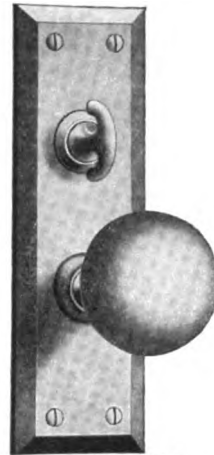
No. 601—Antique Brass, Sanded, RD Finish.....\$28.00
 No. 603—Bower-Barff Rustless Iron, BB Finish..... 28.00

Lock—No. 961P, as Described Above.
 Handle—Outside, 15 1/2 x 3 3/4 inches, Cast Bronze.

Escutcheon—Inside, No. 7855TC, 7x2 1/4 inches, Wrought Bronze.

Knob—Inside, No. 1762, 2 1/4 inch, Wrought Bronze.

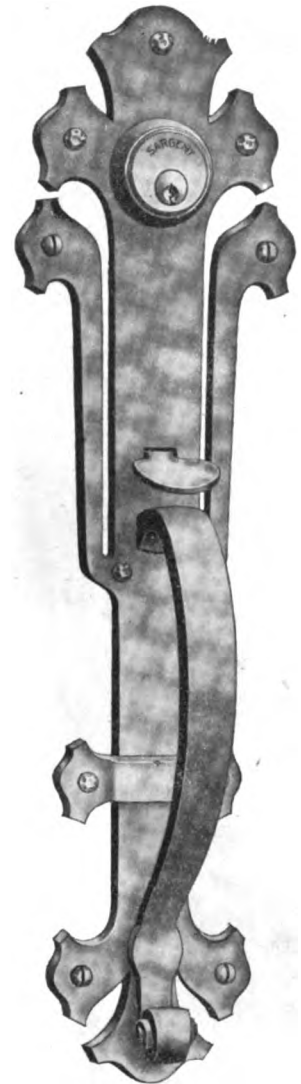
Note—Any of Our Design Knobs and Escutcheons can be substituted for inside to harmonize with other Trim used.
 One Set in a Box, with Screws.



No. 7855TCx1762.

Lock—No. 961P, 5 1/2 x 4 inch Japanned Iron Case, Backset 2 3/4 inch, 7 3/4 x 1 1/4 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 1 Bronze Cylinder, 3 Oxidized German Silver Keys No. 267, Bronze Thumb Knob Inside.

Operated—Both Bolts are Operated from the Outside by the Key, Dead Bolt is Operated from Inside by Thumb Knob, Latch Bolt is Operated from Outside by the Thumb Piece of Front Door Handle, from Inside by Patent Spindle Knob, Outside Thumb Piece of the Front Door Handle is Set by the Stop in Face of Lock.

Cast Bronze.
Adjustable Flat Front.

No. 604—Antique Copper, Polished, AB Finish.....\$23.00
 No. 606—Bower-Barff Rustless Iron, BB Finish..... 23.00

Lock—No. 961P, as Described Above.
 Handle—Outside, 17x4 1/2 inches, Cast Bronze.

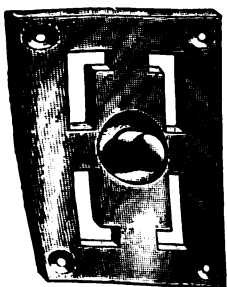
Escutcheon—Inside, No. 7855TC, 7x2 1/4 inches, Wrought Bronze.

Knob—Inside, No. 1762, 2 1/4 inch, Wrought Bronze.

Note—Any of Our Design Knobs and Escutcheons can be substituted for inside to harmonize with other Trim used.
 One Set in a Box, with Screws.

Note—When Ordering, State Thickness of Door.

PUSH BUTTONS



To Match Nos. 601 and 603 Front Door Handles.

Cast Bronze.

Size 2 7/8 x 2 inches.

Each

No. 7501—Antique Brass, Sanded, RD Finish\$5.00
 No. 7503—Bower-Barff, Rustless Iron, BB Finish..... 3 75

One in a Box, with Screws.



To Match Nos. 604 and 606 Front Door Handles.

Cast Bronze.

Size 3 3/8 x 1 3/8 inches.

Each

No. 7504—Antique Brass, Sanded, RD Finish\$5.00
 No. 7506—Bower-Barff, Rustless Iron, BB Finish..... 3.75

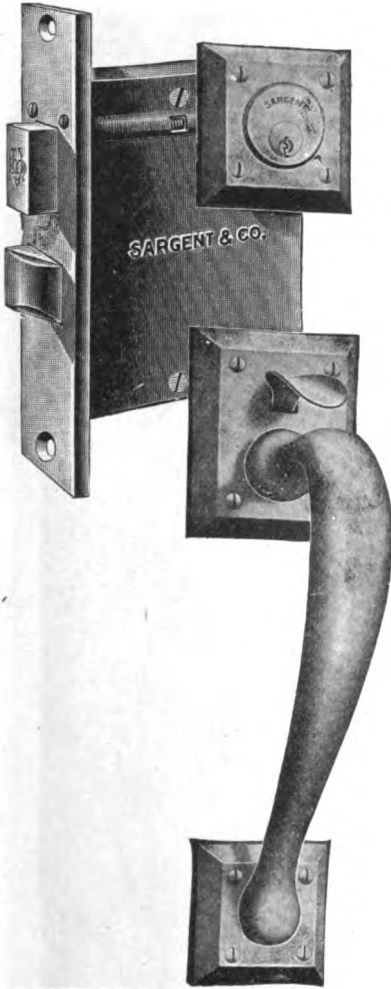
One in a Box, with Screws.

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STORE DOOR HANDLES AND LOCKS

Two Handles, One for Each Side of Door, with Lock.

CYLINDER LOCKS



Cast Bronze.

Adjustable Flat Front.

No. 602—Old Brass, Polished, OB Finish.....

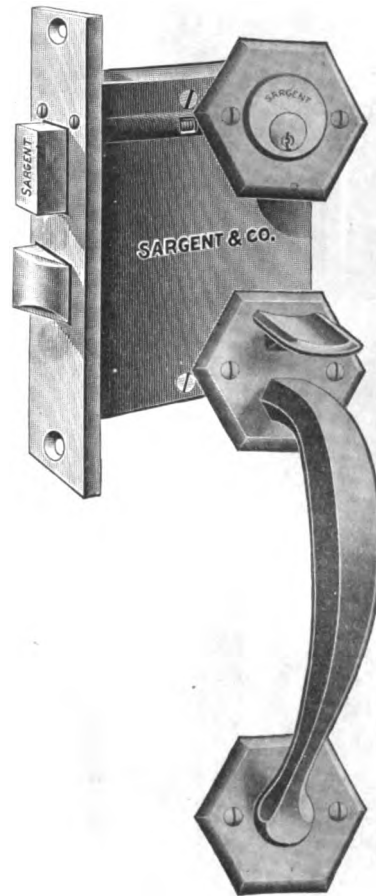
Per Set
\$26.00

Lock—No. 933P, 5 1/4 x 3 5/8 inch Japanned Iron Case, Backset 2 3/4 inch, 7 1/2 x 1 3/8 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Bronze Cylinders, 3 Oxidized German Silver Keys No. 267, Changes Unlimited.

Operated—From Both Sides by Key and Thumb Piece.

Handles—Two, 13 3/4 x 2 1/2 inches.

One Set in a Box, with Screws.



Cast Bronze.

Adjustable Flat Front.

No. 607—Old Brass, Polished, OB Finish.....

Per Set
\$26.00

Lock—No. 933P, 5 1/4 x 3 5/8 inch Japanned Iron Case, Backset 2 3/4 inch, 7 1/2 x 1 3/8 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Bronze Cylinders, 3 Oxidized German Silver Keys No. 267, Changes Unlimited.

Operated—From Both Sides by Key and Thumb Piece.

Handles—Two, Size 14 1/2 x 2 3/4 inches.

One Set in a Box, with Screws.

Note—When Ordering State Thickness of Door.

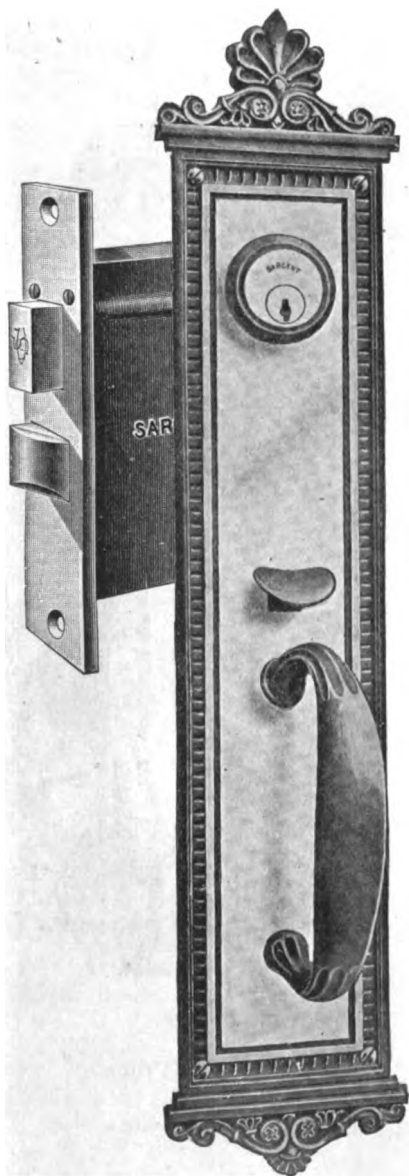
STORE DOOR HANDLES AND LOCKS

Two Handles, One for Each Side of Door, with Lock.

CYLINDER LOCKS

AG ARGOS DESIGN

BR—BERGERAC DESIGN



Cast Bronze.

Adjustable Flat Front.

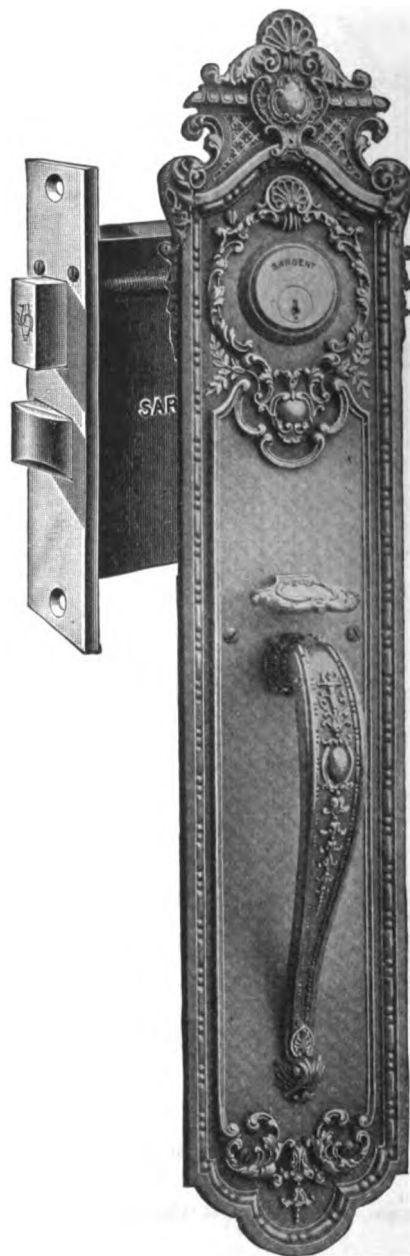
No. 610—Antique Brass, Sanded, RD Finish. Per Set \$32.00

Lock—No. 933P, 5 1/4 x 3 5/8 inch Japanned Iron Case, Backset 2 3/4 inches, 7 1/2 x 1 1/8 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Bronze Cylinders, 3 Oxidized German Silver Keys No. 267, Changes Unlimited.

Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 18 1/8 x 3 3/4 inch, Cast Bronze.

One Set in a Box, with Screws.



Cast Bronze.

Adjustable Flat Front.

No. 615—Antique Brass, Sanded, RD Finish. Per Set \$34.00

Lock—No. 933P, 5 1/4 x 3 5/8 inch Japanned Iron Case, Backset 2 3/4 inches, 7 1/2 x 1 1/8 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Bronze Cylinders, 3 Oxidized German Silver Keys No. 267, Changes Unlimited.

Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 19 1/2 x 4 1/8 inch, Cast Bronze.

One Set in a Box, with Screws.

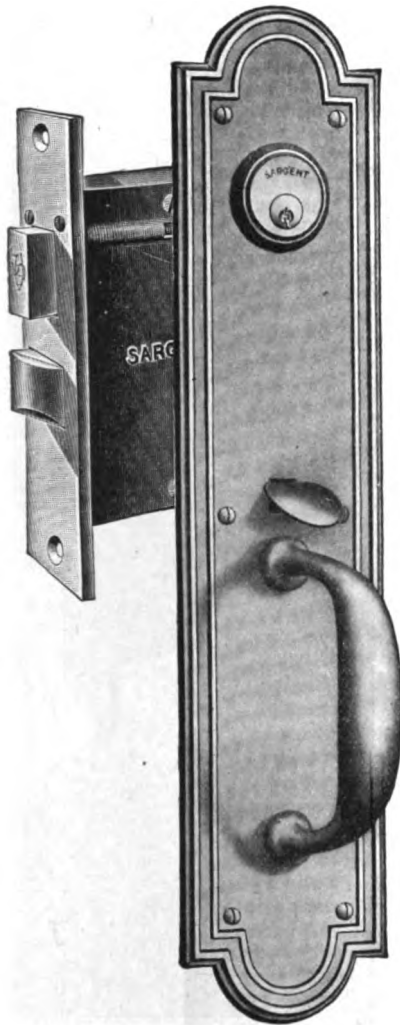
Note—When Ordering State Thickness of Door.

STORE DOOR HANDLES AND LOCKS

Two Handles, One for Each Side of Door, with Lock.

CYLINDER LOCKS.

BRECEY DESIGN



Cast Bronze.

Adjustable Flat Front.

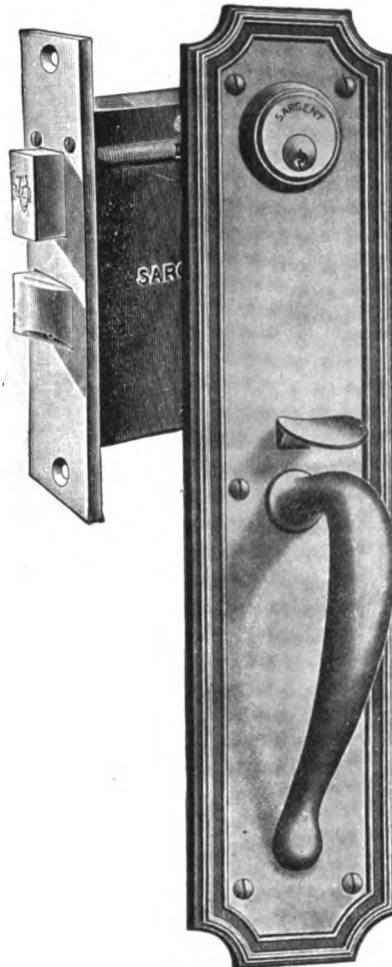
No. 616—Antique Brass, Sand Finish, Light, High Parts Buffed, R7D Finish.....\$24.00

Lock—No. 933P, 5 1/4 x 3 5/8 inch Japanned Iron Case, Backset 2 3/4 inches, 7 1/2 x 1 3/8 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Bronze Cylinders, 3 Oxidized German Silver Keys No. 267, Changes Unlimited.
Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 16 x 3 1/2 inch, Cast Bronze.

One Set in a Box, with Screws.

ESSEX DESIGN



Cast Bronze.

Adjustable Flat Front.

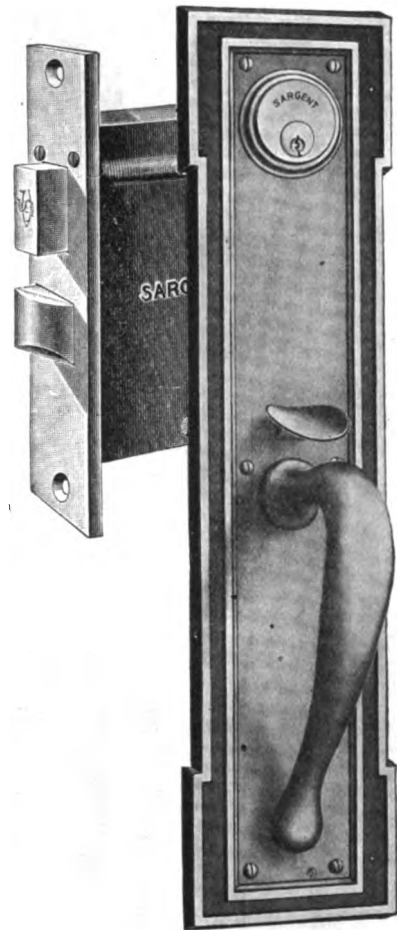
No. 618—Antique Brass, Sand Finish, Light, High Parts Buffed, R7D Finish.....\$22.00

Lock—No. 933P, 5 1/4 x 3 5/8 inch Japanned Iron Case, Backset 2 3/4 inches, 7 1/2 x 1 3/8 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Bronze Cylinders, 3 Oxidized German Silver Keys No. 267, Changes Unlimited.
Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 15 x 3 1/2 inch, Cast Bronze.

One Set in a Box, with Screws.

GREENFIELD DESIGN



Wrought Bronze.

Flat Front.

No. 619—Antique Brass, Sand Finish, Light, High Parts Buffed, R7D Finish.....\$17.00

Lock—No. 923P, 5 1/4 x 3 1/4 inch Japanned Iron Case, Backset 2 3/4 inches, 7 1/2 x 1 3/8 inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Bronze Cylinders, 3 Oxidized German Silver Keys No. 267, Changes Unlimited.
Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 14 1/2 x 3 1/2 inch, Cast Bronze.

One Set in a Box, with Screws.

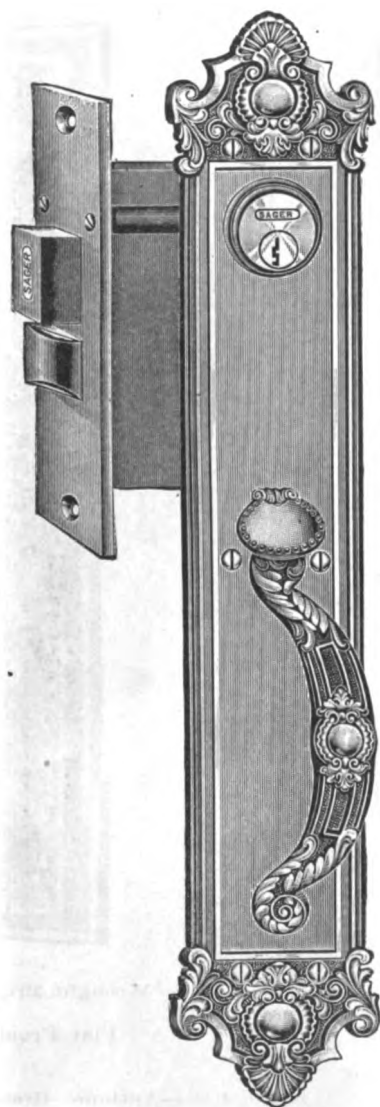
Note—When Ordering State Thickness of Door.

STORE DOOR HANDLES AND LOCKS

Two Handles, One For Each Side of Door, with Lock.

CYLINDER LOCKS.

VITRY DESIGN



Cast Bronze.

Flat Front.

No. 620—Antique Brass, Sanded, RD Finish. \$20.00

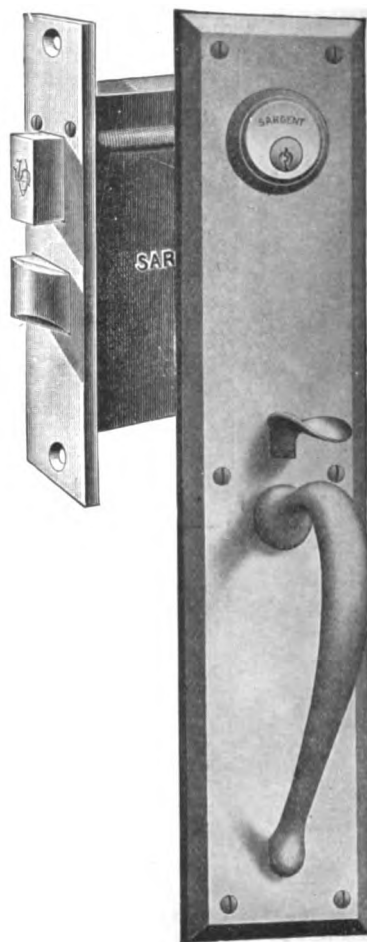
Lock—No. 7030 $\frac{1}{2}$, 5x3 $\frac{1}{2}$ inch Japanned Iron Case, Backset 2 $\frac{1}{2}$ inches, 7 $\frac{1}{2}$ x1 $\frac{3}{8}$ inch Cast Bronze Front, Heavy Cast Bronze Bolts, Reversible, 2 Bronze Cylinders, 3 Gold Plated German Silver Keys No. 44, Changes Unlimited.

Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 16 $\frac{1}{4}$ x3 $\frac{1}{4}$ inch, Cast Bronze.

One Set in a Box, with Screws.

TC—TARLTON DESIGN



Wrought Bronze.

Flat Front.

No. 630—Antique Copper, Polished, AB Finish. \$17.80
 No. 631—Old Brass, Polished, OB Finish. 17.80
 No. 632—Antique Brass, Light, Sanded, RD Finish. 17.80
 No. 633—Bower-Barff, Rustless Iron, BB Finish. 16.00

Lock—No. 923P, 5 $\frac{1}{8}$ x3 $\frac{1}{4}$ inch Japanned Iron Case, Backset 2 $\frac{3}{4}$ inches, 7 $\frac{1}{8}$ x1 $\frac{3}{8}$ inch Cast Bronze Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Bronze Cylinders, 3 Oxidized German Silver Keys No. 267, Changes Unlimited.

Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 14 $\frac{1}{2}$ x3 $\frac{1}{8}$ inch, Wrought Bronze.
 One Set in a Box, with Screws.

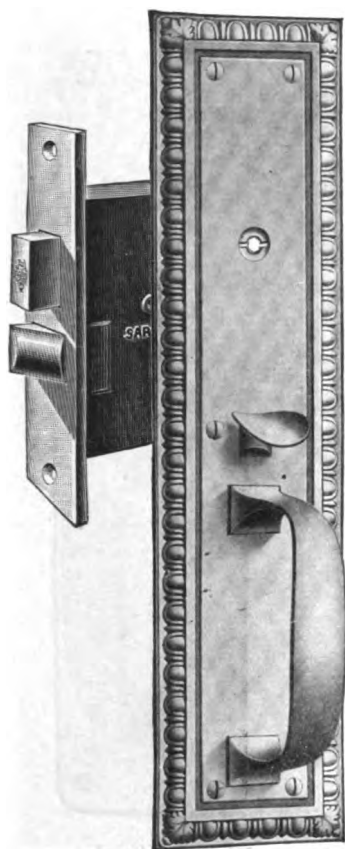
Note—When Ordering State Thickness of Door.

STORE DOOR HANDLES AND LOCKS

Two Handles, One for Each Side of Door, with Lock.

FLAT KEYED

CG—CRETE DESIGN



Wrought Bronze.

Flat Front.

Per Set

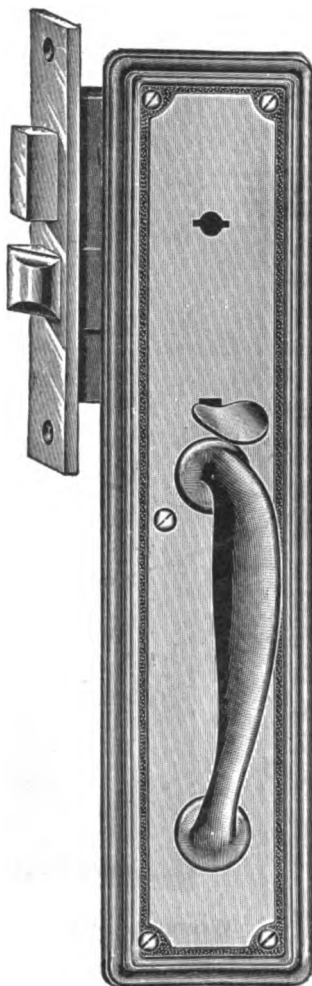
- No. 650—Antique Copper, Polished, AB Finish.....\$10.50
 No. 651—Old Brass, Relieved, OE Finish 10.50
 No. 652—Antique Brass, Sanded, RD Finish 10.50

Lock—No. 803P, 4 1/4 x 3 inch Japanned Iron Case, Backset 2 3/8 inches, 6 3/4 x 1 1/4 inch Cast Bronze Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys No. 443, 4 Tumblers, 48 Changes.
 Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 13x3 1/2 inch, Wrought Bronze.

One Set in a Box, with Screws.

OXFORD DESIGN



Wrought Bronze.

Flat Front.

Per Set

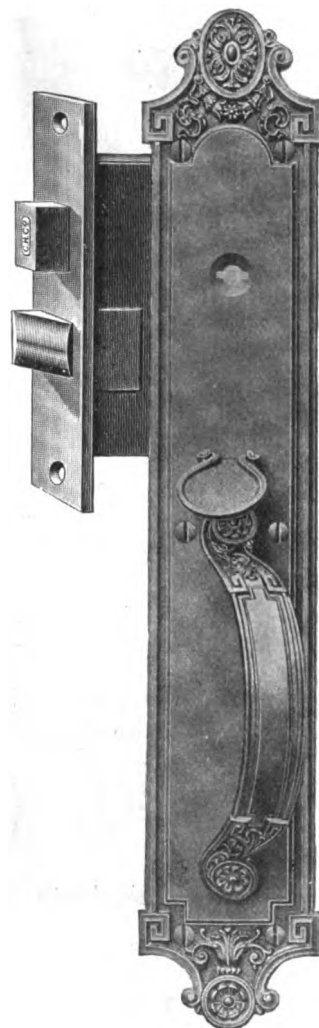
- No. 660—Antique Copper, Polished, AB Finish.....\$10.50
 No. 661—Old Brass, Relieved, OE Finish 10.50

Lock—No. P114, 4 5/8 x 3 5/8 inch Japanned Iron Case, Backset 2 3/8 inches, 6 3/4 x 1 1/4 inch Plated Iron Front, Heavy Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys.
 Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 14 1/2 x 3 1/4 inch, Wrought Bronze.

One Set in a Box, with Screws.

GLEN DESIGN



Iron, Plated.

Flat Front.

Per Set

- No. 665—Old Brass, Relieved, OE Finish\$5.40

Lock—No. 5208E, 4 1/2 x 3 5/8 inch Japanned Iron Case, Backset 2 1/2 inches, 6 1/2 x 1 inch Bronze Plated Front, Bronze Plated Iron Bolts, Reversible, 2 Nickel Plated Flat Steel Keys No. 55, 3 Tumblers, 80 Changes.
 Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 16x3 inch, Polished Iron, Plated.

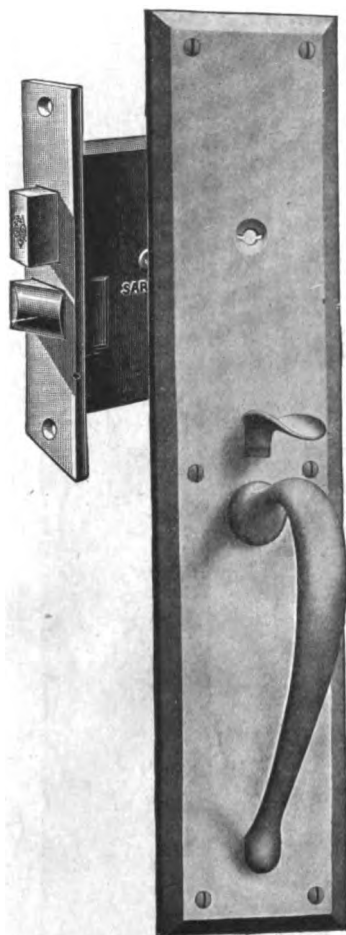
One Set in a Box, with Screws.

STORE DOOR HANDLES AND LOCKS

Two Handles, One for Each Side of Door, with Lock.

FLAT KEYED

TC—TARLTON DESIGN



Wrought Steel.

Flat Front.

No. 680—Antique Copper, Polished, AB Finish.....\$6.00

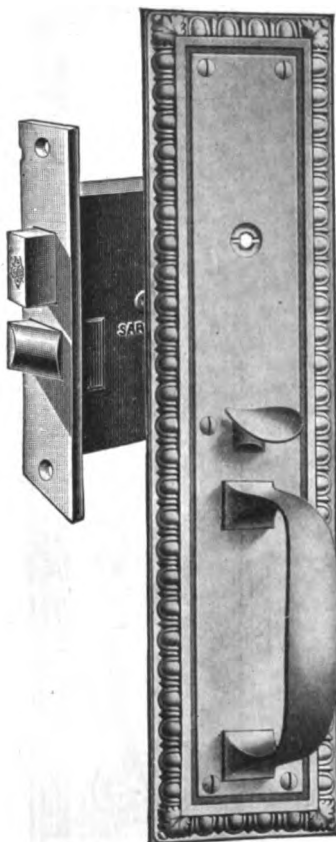
No. 681—Old Brass, Polished, OB Finish 6.00

Lock—No. 403, $4\frac{1}{4}$ x3 inch Japanned Iron Case, Backset $2\frac{1}{8}$ inches, $6\frac{3}{8}$ x1 $\frac{1}{2}$ inch Plated Iron Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys No. 443, 4 Tumblers, 48 Changes.
Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, $14\frac{1}{2}$ x3 $\frac{1}{8}$ inch, Wrought Steel.

One Set in a Box, with Screws.

CG—CRETE DESIGN



Wrought Steel.

Flat Front.

No. 685—Antique Copper, Polished, AB Finish.....\$5.40

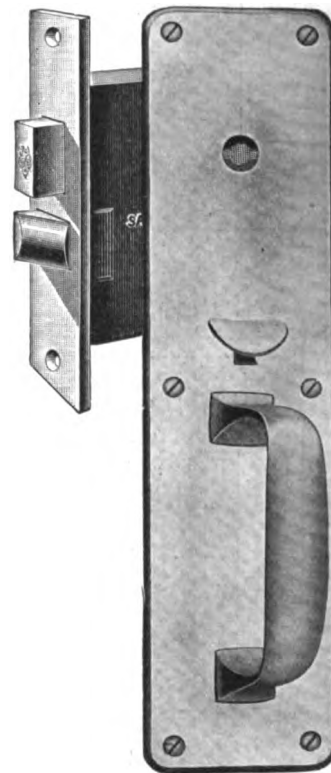
No. 686—Old Brass, Relieved, OE Finish 5.40

Lock—No. 403, $4\frac{1}{4}$ x3 inch Japanned Iron Case, Backset $2\frac{1}{8}$ inches, $6\frac{3}{8}$ x1 $\frac{1}{2}$ inch Plated Iron Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys No. 443, 4 Tumblers, 48 Changes.
Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 13 x3 $\frac{3}{8}$ inch, Wrought Steel.

One Set in a Box, with Screws.

MR—DESIGN



Wrought Steel.

Flat Front.

No. 690—Antique Copper, Polished, AB Finish.....\$5.00

No. 691—Dull Brass, Light, Polished, OB Finish..... 5.00

Lock—No. 403, $4\frac{1}{4}$ x3 inch Japanned Iron Case, Backset $2\frac{1}{8}$ inches, $6\frac{3}{8}$ x1 $\frac{1}{2}$ inch Plated Iron Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys No. 443, 4 Tumblers, 48 Changes.
Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 12x3 inch, Wrought Steel.

One Set in a Box, with Screws.

STORE DOOR HANDLES AND LOCKS

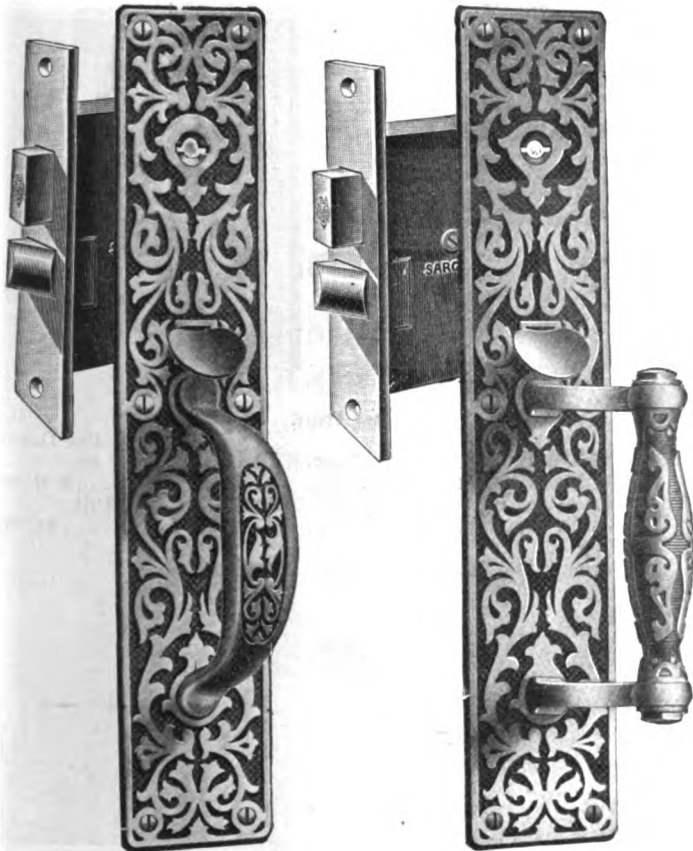
Two Handles, One for Each Side of Door, with Lock.

FLAT KEYED

BIT KEYED

ORNAMENTAL DESIGN

EXTRA HEAVY IRON



No. 700.

No. 701.

Iron Plated.

Flat Front.

No. 700—Bronze Plated, K Finish..... Per Set \$4.25

Lock—No. 403, 4 1/4 x 3 inch Japanned Iron Case, Backset 2 3/4 inches, 6 3/8 x 1 1/2 inch Plated Iron Front, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys No. 443, 4 Tumblers, 48 Changes.
Operated—From Both Sides by Key and Thumb Piece.

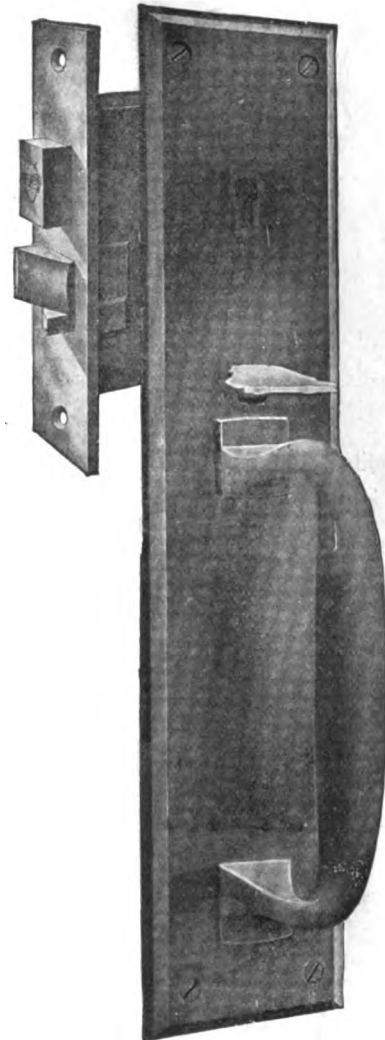
Plates—Two, 13 3/8 x 2 1/2 inch, Plated Iron.

No. 701—Bronze Plated, K Finish..... Per Set \$5.00

Lock—No. 403, Described Above.

Plates—Two, 12 1/2 x 2 1/2 inch, Plated Iron.

One Set in a Box, with Screws.



Extra Heavy Iron Handles, for Mill and Factory Doors.

Anti-Friction, Beveled Front.

No. 695—Ivory Black Finish..... Per Set \$9.00

Lock—No. 814P, 4 1/2 x 3 inch Japanned Iron Case, Backset 2 3/4 inches, 6 3/8 x 1 1/4 inch Heavy Cast Bronze Front, Beveled, Heavy Cast Bronze Bolts, Anti-Friction Latch Bolt, not Reversible, State Hand, 2 Nickel Plated Steel Keys No. 403, 3 Tumblers, 1200 Changes.

Operated—From Both Sides by Key and Thumb Piece.

Plates—Two, 15 3/4 x 3 1/4 inch, Heavy Iron.

Not Reversible, State Hand of Door when Ordering.

One Set in a Box, with Screws.

STORE DOOR HANDLES

EITHER RIGHT OR LEFT HAND



Cast Iron.

Per Set

No. K1495A—Tokio Bronzed Plated, K Finish.....\$3.10
 Latch—No. 1124, 2 3/4 x 3 1/2 inch Japanned Iron Case, Backset
 2 3/4 inches, 4 3/4 x 1 1/2 inch Iron Front, Heavy Bronze Bolt,
 Easy Spring Latch Bolt, Reversible.
 Handles—Two, 9x2 inch Plates.
 One Set in a Box, with Screws.

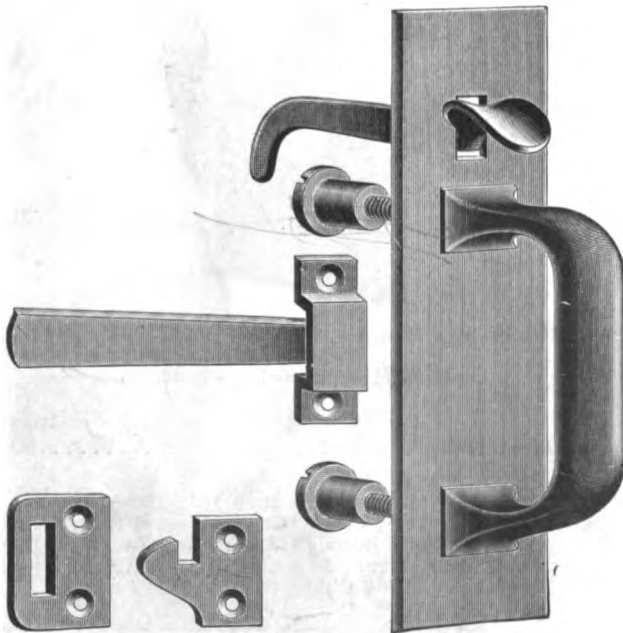


Cast Iron.

Per Dozen

No. T97A—9x2 inch Plate, Tuscan Bronzed, Put on
 with Machine Screws.....\$ 6.00
 No. K97A—9x2 inch Plate, Tokio Bronzed, Plated, Put
 on with Machine Screws..... 11.00

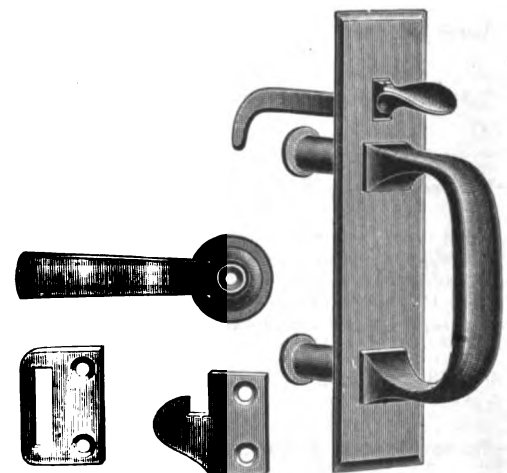
One-half Dozen in a Box.



Cast Iron Handle and Plate, Wrought Steel Latch.

Per Dozen

No. 7—10x2 1/2 inch Plate, Japanned, Extra Heavy, for
 Mill Doors, Complete with Latch, with Nuts, for
 Doors 1 3/4 to 2 1/2 inches Thick.....\$14.00
 One-quarter Dozen in a Box.



Cast Iron.

Per Dozen

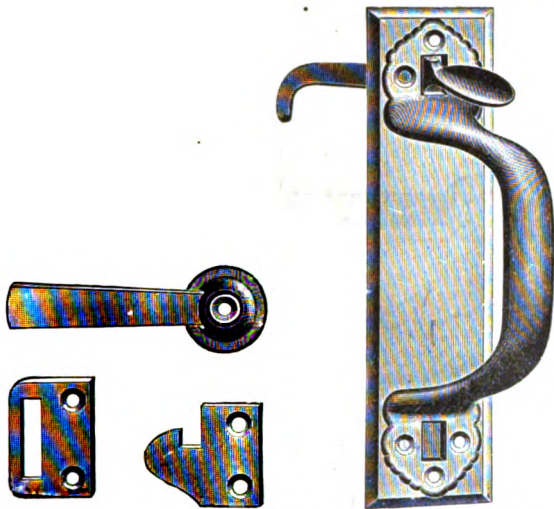
No. 6—7 3/4 x 1 3/8 inch Plate, Japanned, Complete with
 Latch, Put on with Nuts.....\$3.85

One-half Dozen in a Box.

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STORE DOOR HANDLES

EITHER RIGHT OR LEFT HAND



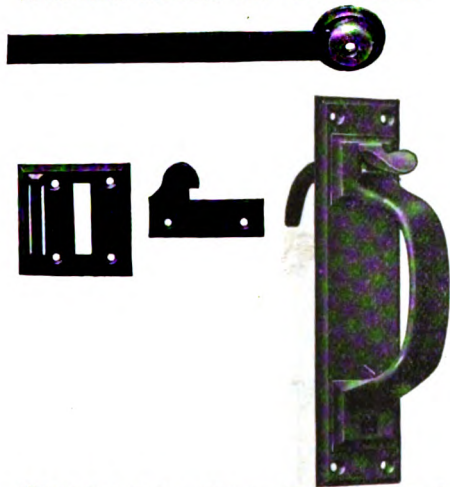
Cast Iron.

No. 16—7 $\frac{3}{4}$ x 2 inch Plate, Japanned, Complete with Latch, Put on with Screws.....\$2.80
One-half Dozen in a Box.

Per Dozen

STORE DOOR HANDLES

EITHER RIGHT OR LEFT HAND



"IDEAL," Extra Heavy Wrought Steel.

No. 60—9 x 2 $\frac{1}{2}$ inch, Japanned.....\$5.50
Strong, Handsome, Convenient. Just the Latch for Store Doors. All parts extra heavy. Thumb piece is held in place by a steel pin. The handle is oblique, which prevents skinning hand in opening door, is reversible for either side of door and is firmly fastened to plate by concealed screws.
One-half Dozen in a Box.

Per Dozen

THUMB LATCHES

EITHER RIGHT OR LEFT HAND

Cast Iron Handle, Wrought Steel Latch.

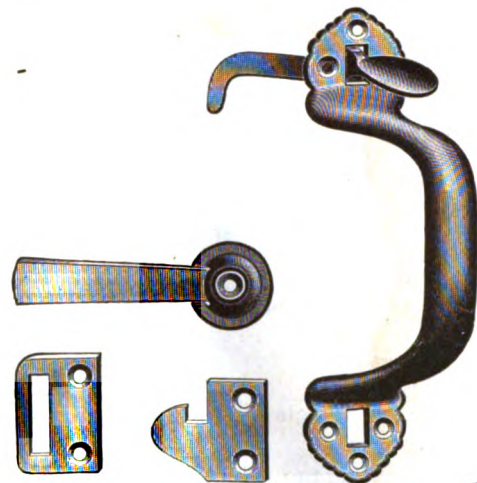
Japanned, without Screws.

Nos.	2	3	4
Length of Handle, Inches.....	6 $\frac{1}{2}$	7 $\frac{1}{8}$	8 $\frac{3}{8}$
Per Dozen	\$1.20	1.40	1.70

Japanned, with Screws.

Nos.	102	103
Length of Handle, Inches.....	6 $\frac{1}{2}$	7 $\frac{1}{2}$
Per Dozen	\$1.60	1.90

One Dozen in a Box.



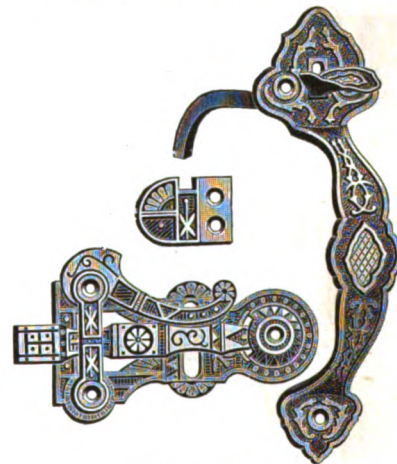
Cast Iron.

No. 26—7 $\frac{3}{4}$ inch Handle, Japanned, Complete with Latch, without Plate, Put on with Screws.....\$2.40
One-half Dozen in a Box.

Per Dozen

THUMB LATCHES

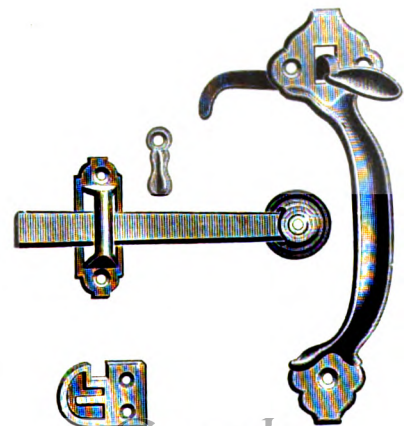
EITHER RIGHT OR LEFT HAND



Cast Iron.

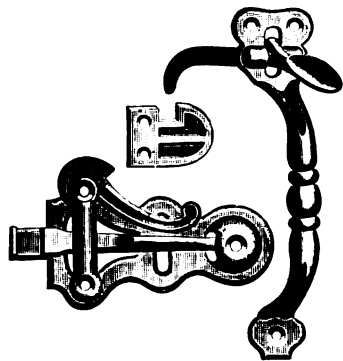
No. 63—6 $\frac{5}{8}$ inch Handle, Tuscan Bronzed.....\$2.20
One Dozen in a Box, with Screws.

Per Dozen



THUMB LATCHES

EITHER RIGHT OR LEFT HAND

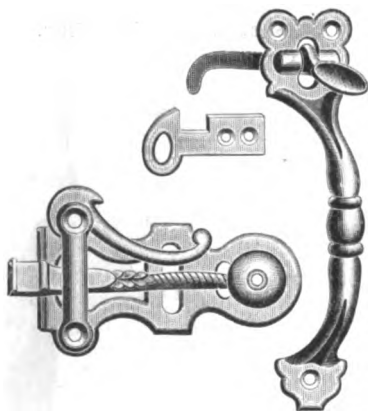


Roggins', Cast Iron.

- No. 30—5 $\frac{5}{8}$ inch Handle, Japanned, without Screws...\$1.00
 No. 130—5 $\frac{5}{8}$ inch Handle, Japanned, with Screws..... 1.50

Weight Per Dozen 6 Pounds.

One Dozen in a Box.

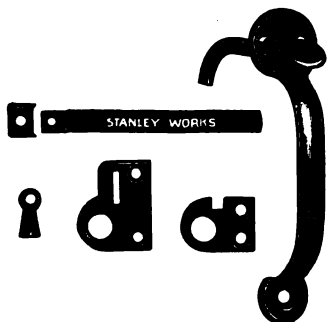


Roggins', Cast Iron.

- No. 32—6 $\frac{1}{8}$ inch Handle, Japanned, without Screws...\$1.50
 No. 132—6 $\frac{1}{8}$ inch Handle, Japanned, with Screws..... 2.00

Weight Per Dozen 8 Pounds.

One Dozen in a Box.



Wrought Steel.

- No. 1260J—Size 2, Japanned, Length of Handle 6 $\frac{3}{4}$ inches, Weight Per Dozen 5 Lbs.....\$2.30
 No. 1260J—Size 3, Japanned, Length of Handle 7 $\frac{5}{8}$ inches, Weight Per Dozen 8 $\frac{1}{2}$ Lbs..... 3.50
 No. 1260D2—Size 2, Antique Copper Finish, Length of Handle 6 $\frac{3}{4}$ inches, Weight Per Dozen 5 Lbs..... 4.10

This Latch is superior to any Cast Latch, being made of Wrought Steel, and provided with Holes in Strike and Guide Plate for Padlock.

Size 2, One Dozen; Size 3, One-half Dozen in a Box, with Screws.

GARAGE AND BARN DOOR LATCHES

EITHER RIGHT OR LEFT HAND



Extra Heavy, Wrought Steel.

Per Dozen

- No. 1252J—Japanned, Handle 10 $\frac{1}{2}$ inches Long, Bar 12 inches Long.....\$17.50

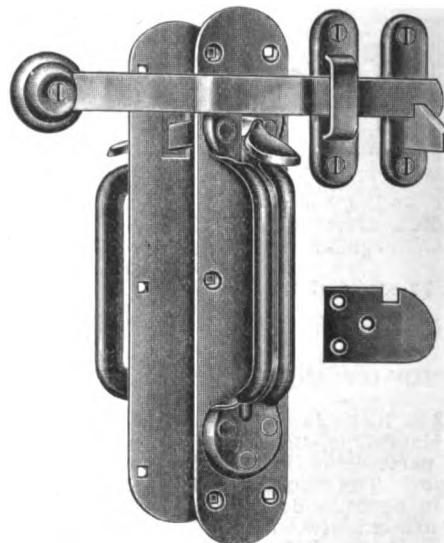
These Latches are strongly made of wrought steel and are consequently greatly superior to the old fashioned cast iron latches. The handle is large and of particularly strong pattern. The rolled edges give a comfortable grip for the hand. Combination round and square screw holes permit the use of either bolts or screws.

Weight Per Dozen 36 Pounds.

One-twelfth Dozen Sets in a Box.

DUPLEX LATCHES

EITHER RIGHT OR LEFT HAND



Extra Heavy Wrought Steel, with Two Escutcheon Plates, Handle and Thumb Pieces.

Per Set

- No. 1264J—Japanned, Escutcheon Plates 14 $\frac{1}{2}$ x 2 $\frac{3}{4}$ inches, Handle 12 inches, Bar 12 inches Long.....\$2.25

The two handles and thumb pieces provide a comfortable grip in handling a heavy door from either side. No. 1264J greatly improves the appearance of the entrance. It is adjustable for doors from 1 $\frac{3}{4}$ to 2 $\frac{1}{4}$ inches thick, although it can be supplied on special orders for doors of any thickness. The parts are put together without use of tools or set screws and when once applied to the door, cannot become loose or drop out.

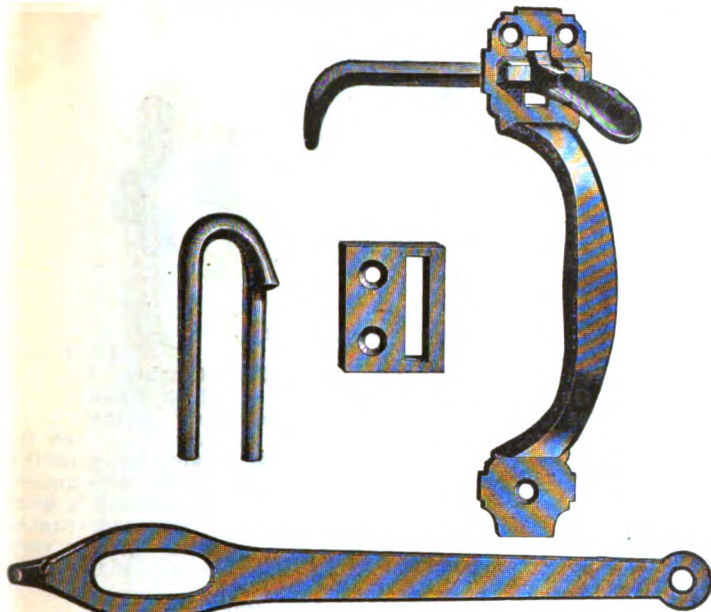
Combination screw holes in the escutcheon plates permits securely bolting the plates together through the door, using $\frac{1}{4}$ inch carriage or stove bolts.

Weight Per Set 6 $\frac{1}{4}$ Pounds.

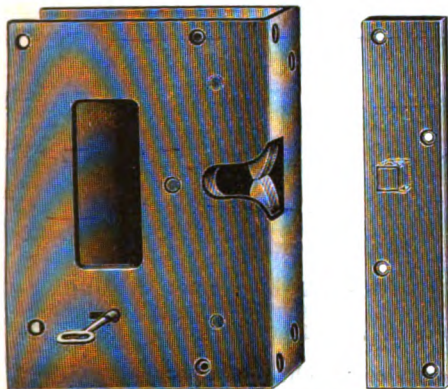
One Set in a Box, Complete with Screws and One 3x2 inch Extra Flush Catch or Mortise Strike.

BARN DOOR HASPS AND LATCHES

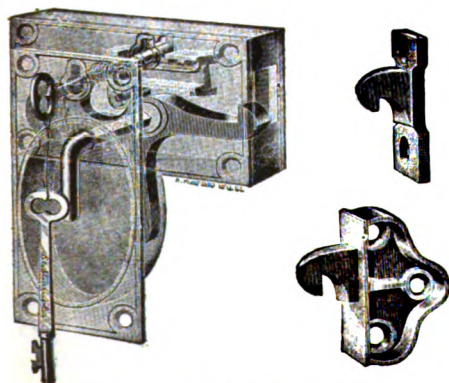
EITHER RIGHT OR LEFT HAND

**Cast Iron, Long Heavy Hasp with Staple Catch.**

No. 9—7 $\frac{3}{4}$ inch Handle, Japanned.....**\$2.50**
 Weight Per Dozen 23 Pounds.
 One-half Dozen in a Box.

**SLIDING BARN DOOR LOCKS**

RIM LOCK AND CATCH COMBINED

**Japanned Iron, Reversible.**

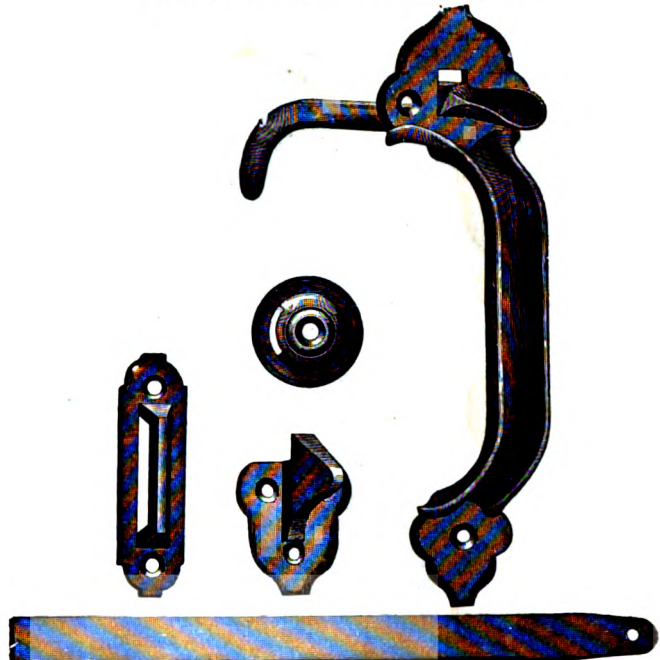
No. 60—4 $\frac{3}{4}$ x 2 $\frac{7}{8}$ inch Lock Face, 5 $\frac{1}{2}$ x 2 inch Escutcheon, Adjustable for Doors up to 2 inches Thick, Complete with Two Styles of Catches, One for Face and One for Side of Door Casing, Two Steel Keys.....**\$18.00**

In closing, the lock is self-acting, locks and unlocks either side by using key. When not locked it may be operated from either side by levers.

One-twelfth Dozen in a Box.

BARN DOOR LATCHES

EITHER RIGHT OR LEFT HAND

**Extra Heavy Cast Iron Handle, Wrought Steel Latch.**

No. 5—10 inch Handle, Japanned, Complete with Handle, Weight Per Dozen 21 Lbs.....**\$3.00**
 No. 15—9 $\frac{1}{2}$ inch Latch, Japanned, without Handle, Weight Per Dozen 10 Lbs.....**2.00**
 No. 105—Japanned, Complete with Handle, Same as No. 5, but Wrought Steel.....**5.00**
 One-half Dozen in a Box.

SLIDING BARN DOOR LOCKS

R-W NOBREAK

For Garages, Stables, Factories, Warehouses, Boat Houses, Both for Single and Double Doors, Made of Steel with Malleable Iron Jaws.

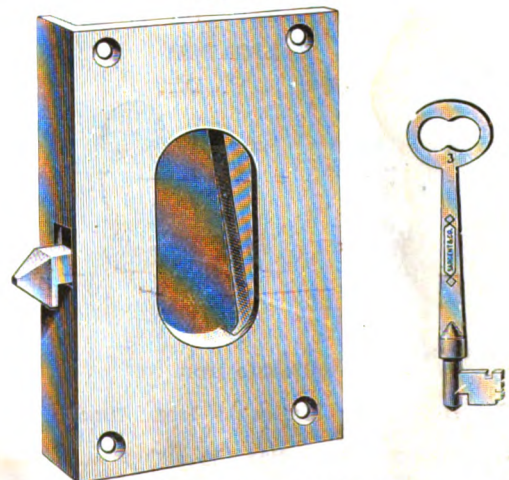
No. 510—5 $\frac{1}{4}$ inches Wide, Wrought Steel, Dead Black Finish, Adjustable for Doors 1 $\frac{3}{4}$ to 2 $\frac{1}{4}$ inches Thick, 2 Keys.....**\$35.00**
 Nobreak serves as a lock, latch and door pull combined, no projections on which to catch harness or clothing.

The Nobreak Lock is made flush with the door on both sides and can be operated from both outside and inside. The act of closing the door latches it, and to unlatch it simply press back the Hand Hole or Flush Pull Cover. The Key is used only to lock or unlock the door. To latch or unlatch no key is necessary, the action being automatic with the opening or closing of the door.

One-twelfth Dozen in a Box, with Screws.

ELEVATOR SLIDING DOOR LATCHES

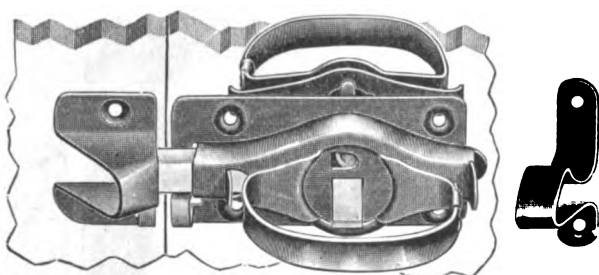
REVERSIBLE

**All Cast Bronze Metal.**

No. 6953P—Case 4 $\frac{3}{4}$ x 3 inches, $\frac{3}{8}$ inch Thick, Front 4 $\frac{3}{4}$ x $\frac{1}{2}$ inches, 1 $\frac{1}{2}$ inches from Face to Center of Key Hole, Lifts Latch from the Outside, 1 Nickel Plated Steel Key No. 3652 $\frac{1}{2}$, 1 Bronze Metal Key Plate for Outside, Polished Natural No. 1 Finish.....**\$52.00**
 One-twelfth Dozen in a Box, with Screws.

BARN DOOR LATCHES

WHITCOMB



Wrought Steel, Extra Large Handles on Each Side of Door.

Per Dozen

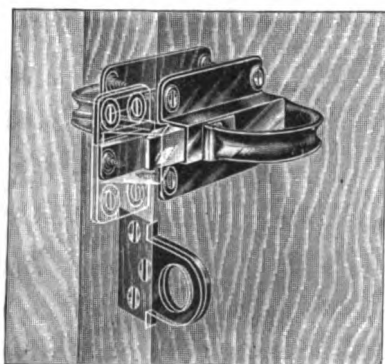
No. 1—2 5/8 x 5 inches, Japanned, with Two Catches, to Hold Gate or Door Either Closed or Open, Padlock Staple, Handles Operate Latch from Either Side...\$7.00

Two catches are furnished with each Latch so that the door or gate can be held open or closed and the two large handles make it easy to operate from either side. It is arranged for the use of a padlock.

It is a strong, durable and convenient Latch. Harness will not catch on it. Can be easily attached. It is especially designed for Fancy Barns and Outbuildings.

One-half Dozen in a Box.

WATROUS-ACME



The angle slant on the strikes and the bevel on the bolt allow this Latch to lock automatically. The bolt is wrought steel, solid at its working end, has a 1 1/8 inch throw.

Wrought Steel, Heavy and Strong.

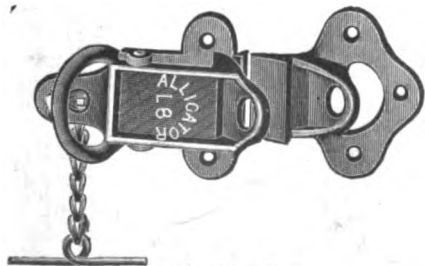
Per Dozen

No. 1240—2 5/8 x 5 inches, Japanned, Tinned Bolt, Sherardized Spring, Large Roomy Comfortable Handle on Each Side, Locks Automatically, Adjustable for Doors 3/4 to 1 1/4 inches, Complete with One Pair Safety Padlock Eyes...\$7.00

The inside plate is applied back from the jamb so there is no danger of injuring the hand. The strike is made wider than the bolt to allow for any sagging of the door.

One-quarter Dozen in a Carton.

ALLIGATOR



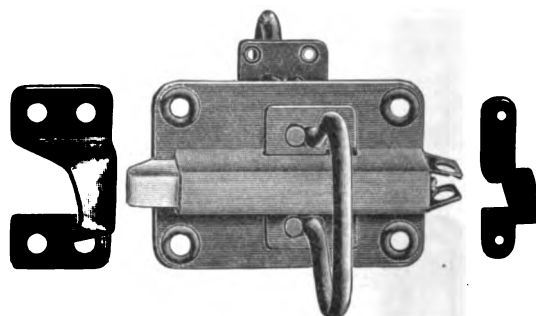
Malleable Iron.

Per Dozen

No. 85—Non-Breakable Malleable Iron, Black Enamelled, Reversible for Either Right or Left Hand Doors, Length of Latch Bar 4 1/2 inches...\$6.50

The best and most popular Snap Latch on the market. It has every advantage of durability possible. Closes and latches doors with the minimum effort and is not affected by warping or sagging of door. Padlock may be snapped through latch, making a perfect lock.

One-half Dozen in a Box.



Heavy, Wrought Steel.

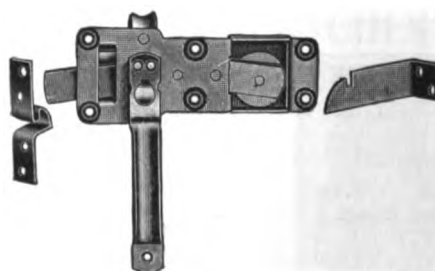
Per Dozen

No. 8—4x6 inches, Japanned, with Two Catches, to Hold Gate Either Open or Closed, 1/2 inch Round Handles Operate Latch from Either Side, Adjustable to Doors of Any Thickness...\$8.00

The biggest, strongest, handiest, most durable Latch on the market. Especially adapted for use in factories, warehouses or garages, where workmen can open or pass through a door while both hands are occupied, thus saving time and trouble of dropping the load and picking it up again. Works very easily and never sticks or binds, can't freeze up. Adapted for use of padlock.

One-half Dozen in a Box.

DIEHL'S GRAVITY



Wrought Steel.

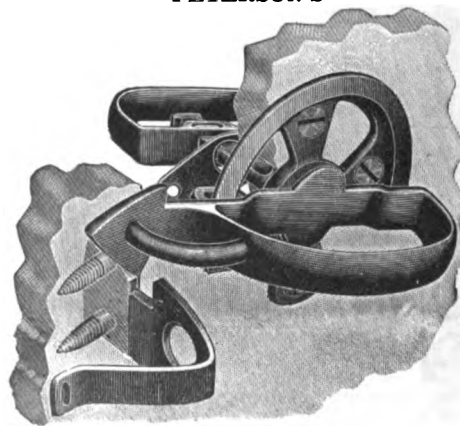
Per Dozen

No. 10—Black Japanned, with Two Catches to Hold Door Open and Closed, Operates from Both Sides, Adjustable to Doors of Any Thickness...\$6.00

This Latch has a counter weight in place of a spring. It is not affected by dampness. It cannot be opened by stock nosing or rubbing.

One-half Dozen in a Box.

PETERSON'S



Malleable Iron, Reversible, for Swinging or Sliding Doors.

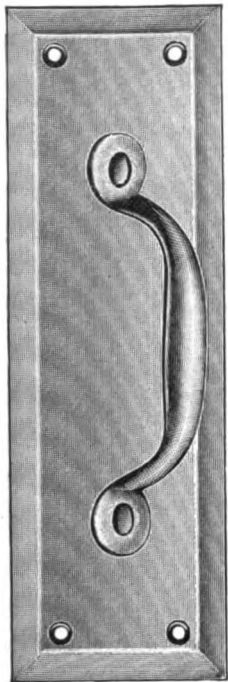
Per Dozen

No. 20—Peterson's, Black Japanned, Two 3 1/2 inch Loop Handles, Adjustable for Doors 1 to 3 inches Thick, Spring Latch and Catch for Holding Door Open, Locks with Padlock...\$6.00

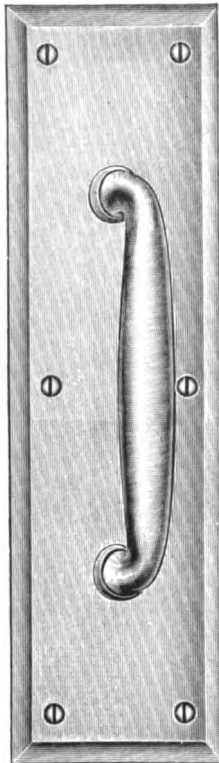
One-half Dozen in a Box.

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DOOR PULLS



Nos. AB542 and OB544.



Nos. AB3344 and OB3346.

Wrought Steel.

7x2 1/4 inch Plate, 5 inch Pull, Deep Beveled Edges.

Per Dozen

No. AB542—Antique Copper Plated.....\$2.50

No. OB544—Dull Brass Plated.....2.50

One-half Dozen in a Box, with Screws.

Wrought Steel, Polished.

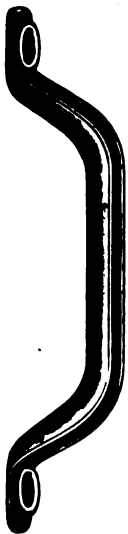
10x8 inch Plate, 5 1/2 inch Pull, Broad Bevel Edges.

Per Dozen

No. AB3344—Antique Copper Plated.....\$12.50

No. OB3346—Dull Brass Plated.....12.50

One-sixth Dozen in a Box, with Screws.



No. 543.

Wrought Steel.

No. 543—4 3/4 inch, Nickel Plated.....\$3.00

Weight Per Gross 8 Pounds.

One-quarter Gross in a Box, with Screws.

Wrought Steel.

Per Dozen

No. DA2461—4 3/4 inch, Antique Copper Finish, Un-

polished.....\$1.00

No. OT2461—4 3/4 inch, Old Brass, Light, Unpolished.. 1.00

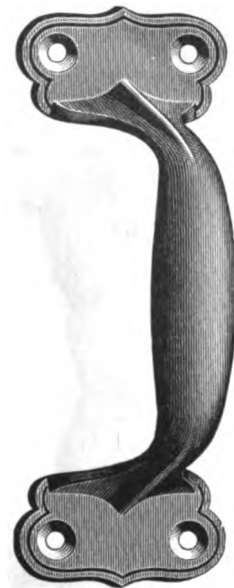
Three Dozen in a Box, with Screws.



No. 2461.



No. 502.



No. 504.

Cast Iron.

Per Dozen

No. 502—6 inch, Straight, Japanned.....\$0.55

Weight Per Dozen 2 1/4 Pounds.

Two Dozen in a Box.

Cast Iron, Extra Heavy.

Per Dozen

No. 504—6 inch, Straight, Japanned.....\$1.10

One Dozen in a Box.

Wrought Steel, Heavy.

Per Dozen

No. 1265J—10 1/2 inches

Long Over All, 1 1/4

inches Wide, 2 1/4

inches Wide at Ends,

Japanned.....\$5.00

For garages, stables, freight

cars, etc.

One-half Dozen in a Box.

SLIDING DOOR PULLS

Cast Iron, Flat Front.

Per Single Dozen

No. AB41—4 3/4 x 1 inch,

Antique Copper,

Highly Polished....\$7.00

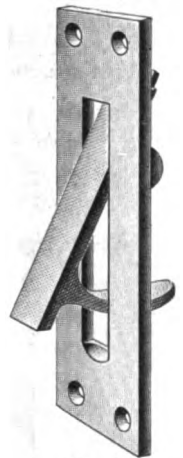
No. OB41—4 3/4 x 1 inch,

Old Brass, Light,

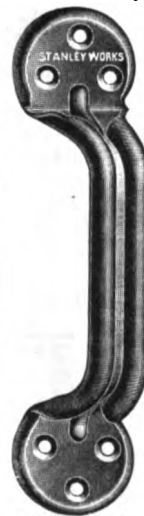
Polished.....7.00

One-half Dozen in a Box, with

Screws.



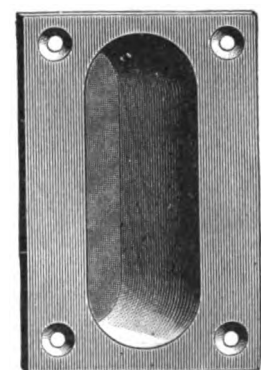
No. 41.



No. 1265J.



No. 3.

BARN DOOR PULLS

No. 500.

Cast Iron, Extra Heavy.

Per Dozen

No. 3—6 1/2 inch, Oblique, Ja-

panned.....\$0.78

Weight Per Dozen 4 Pounds.

One Dozen in a Box.

Flush, Cast Iron.

Per Dozen

No. 500—3 3/4 x 2 1/2 in., Japanned..\$0.90

One Dozen in a Box.

PUSH PLATES

Cuts Third Size.
PERU DESIGN

PERU DESIGN



Wrought Steel, Size 10x2 3/4 inches.

Each

- No. 6515—Antique Copper, Polished, AB Finish.....\$0.40
 No. 6516—Old Brass, OB Finish. .40
 No. 6517—Bower-Barff, Rustless Iron, BB Finish..... .40

One-half Dozen in a Box, with Screws.



Wrought Bronze, Size 10x2 3/4 inches.

Each

- No. 6518—Antique Copper, Polished, AB Finish.....\$1.25
 No. 6519—Old Brass, Polished, OB Finish 1.25
 No. 6520—Antique Brass, Sanded, RD Finish 1.25

One-half Dozen in a Box, with Screws.

MADISON DESIGN



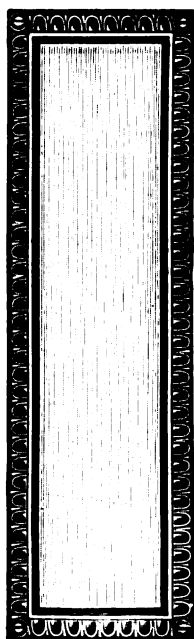
Wrought Steel, Size 10 5/8 x3 1/4 inches.

Each

- No. 6527—Antique Copper, Polished, AB Finish.....\$0.80
 No. 6529—Old Brass, Relieved, OE Finish80

One-half Dozen in a Box, with Screws.

ANDROS DESIGN



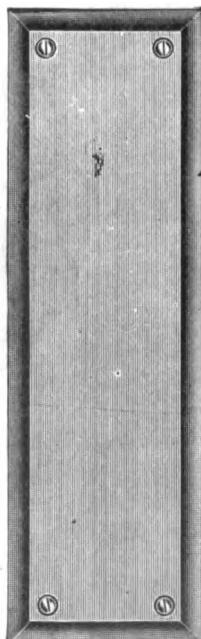
Wrought Steel, Size 10x3 inches.

Each

- No. 6530—Antique Copper, Polished, AB Finish.....\$0.80
 No. 6531—Old Brass, Relieved, OE Finish80

One-half Dozen in a Box, with Screws.

STRATFORD DESIGN



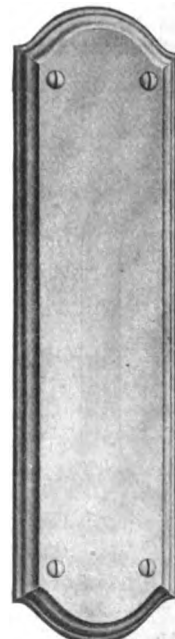
Wrought Steel, Size 10x3 inches.

Each

- No. 6534—Antique Copper, Polished, AB Finish.....\$0.80
 No. 6535—Old Brass, Polished, OB Finish80
 No. 6537—Bower-Barff, Rustless Iron, BB Finish..... .80

One-half Dozen in a Box, with Screws.

PE—EXETER DESIGN



Wrought Steel, Size 10x2 3/4 inches.

Each

- No. 6538—Antique Copper, Polished, AB Finish.....\$0.80

One-half Dozen in a Box, with Screws.

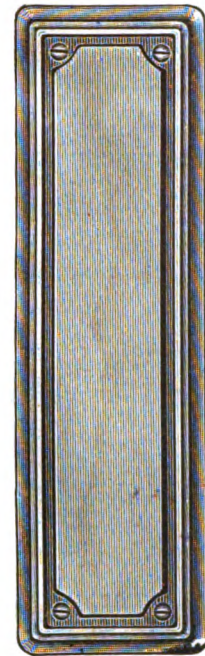
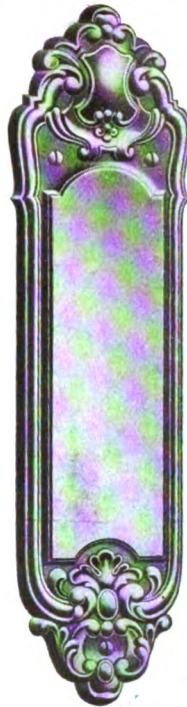
PUSH PLATES

Cuts Third Size.

HF—HAVEN DESIGN

AN—ALBY DESIGN

OXFORD DESIGN

Wrought Steel, Size $10\frac{1}{2} \times 2\frac{7}{8}$ inches.

Each

- No. 6539—Antique Copper, Polished, AB Finish.....\$0.90
 No. 6540—Old Brass, Relieved, OE Finish90
 One-half Dozen in a Box, with Screws.

Wrought Steel, Size $10\frac{3}{4} \times 2\frac{7}{8}$ inches.

Each

- No. 6541—Old Brass, Relieved, OE Finish\$0.90
 One-half Dozen in a Box, with Screws.

Wrought Steel, Size 10×3 inches.

Each

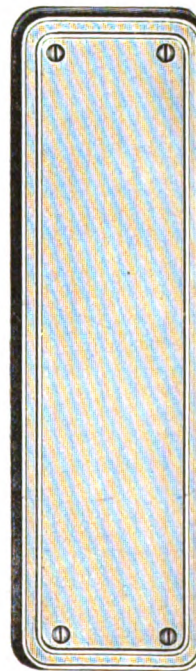
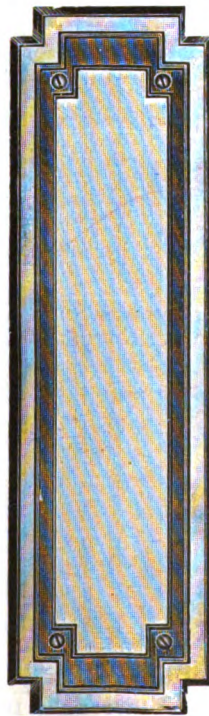
- No. 6542—Antique Copper, Polished, OB Finish.....\$0.80
 No. 6543—Old Brass, Relieved, OE Finish80
 One-half Dozen in a Box, with Screws.

MAYFAIR DESIGN

IONIAN DESIGN

SUPERIOR DESIGN

CAMDEN DESIGN



Nos. 6545 to 6547.

No. 6548.

No. 6549.

No. 6550.

Wrought Steel, Size $10 \times 3\frac{1}{2}$ inches.

Each

- No. 6545—Antique Copper, Polished, AB Finish.....\$0.80
 No. 6546—Old Brass, Polished, OB Finish..... .80
 No. 6547—Antique Brass, Sanded, RD Finish..... .80
 Wrought Steel, Size 11×3 inches. Each
 No. 6548—Antique Brass, Sanded, RD Finish.....\$0.80
 One-half Dozen in a Box, with Screws.

Wrought Steel, Size $10\frac{1}{2} \times 3$ inches.

Each

- No. 6549—Antique Brass, Sanded, RD Finish.....\$0.80

Wrought Steel, Size 11×3 inches.

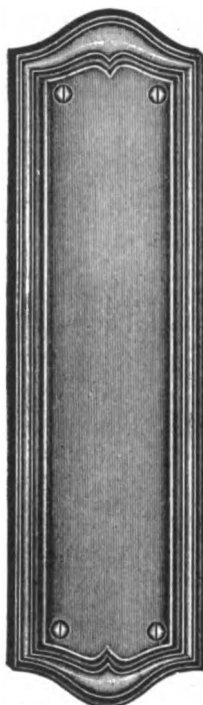
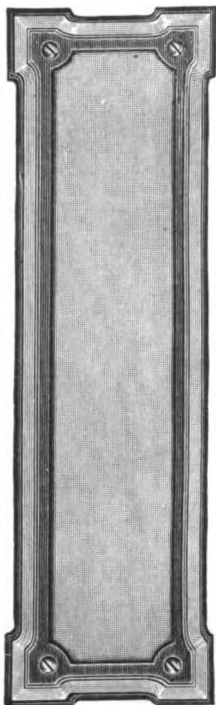
Each

- No. 6550—Antique Brass, Sanded, RD Finish.....\$0.80
 One-half Dozen in a Box, with Screws.

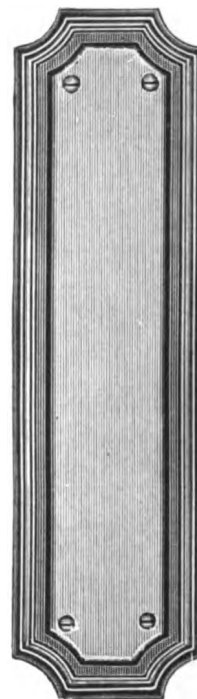
PUSH PLATES

Cuts Half Size.
ELGIN DESIGN

KENWOOD DESIGN

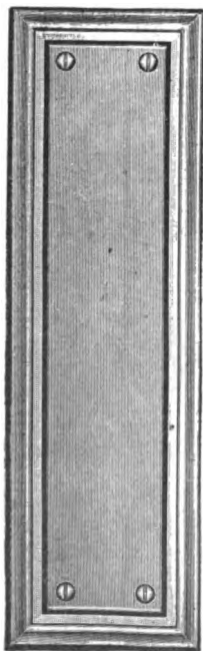


LENOX DESIGN

Wrought Steel, Size 11x3 1/4 inches.
Each

- No. 6552—Antique Copper, Polished, AB Finish.....\$0.80
 No. 6553—Antique Brass, Sanded, RD Finish80
 One-half Dozen in a Box, with Screws.

ROCKFORD DESIGN



No. 6558.

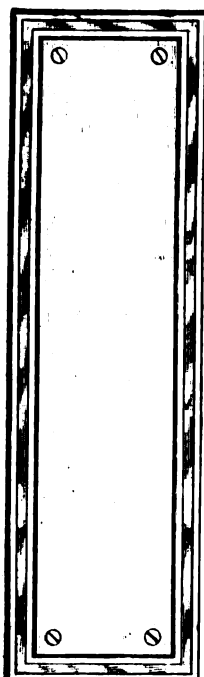
Wrought Bronze, Size 10x3 inches.

- No. 6558—Antique Brass, Sanded, RD Finish.....\$2.00
 Each

Wrought Bronze, Size 10 1/4 x3 inches.

- No. 6559—Antique Brass, Sanded, RD Finish.....\$2.00
 One-half Dozen in a Box, with Screws.

BRISTOL DESIGN

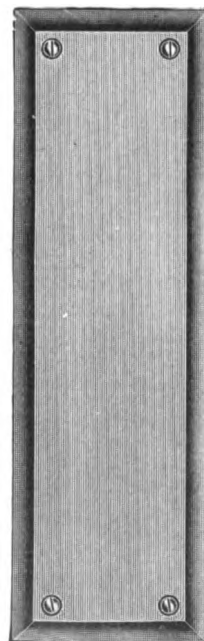


No. 6559.

Wrought Steel, Size 11x3 inches.

- No. 6554—Antique Copper, Polished, AB Finish.....\$0.80
 No. 6555—Antique Brass, Sanded, RD Finish80
 One-half Dozen in a Box, with Screws.

STRATFORD DESIGN



Nos. 6560 to 6562.

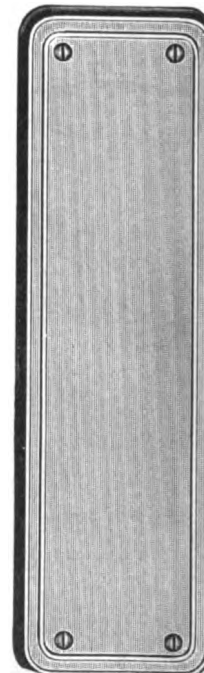
Wrought Bronze, Size 10x3 inches.

- No. 6560—Antique Copper, Polished, AB Finish.....\$2.00
 No. 6561—Old Brass, Polished, OB Finish..... 2.00
 No. 6562—Antique Brass, Sanded, RD Finish..... 2.00

Wrought Bronze, Size 10 1/4 x3 inches.

- No. 6563—Antique Brass, Sanded, RD Finish.....\$2.00
 One-half Dozen in a Box, with Screws.

SUPERIOR DESIGN

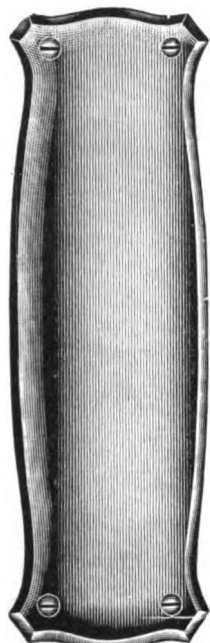


No. 6563.

PUSH PLATES

Cuts Half Size.

MAYFAIR DESIGN



Wrought Bronze, Size 10x3 1/4 inches. Each

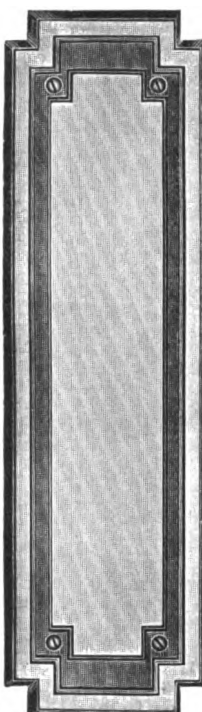
No. 6564—Antique Copper, Polished, AB Finish.....\$2.00

No. 6565—Old Brass, Polished, OB Finish 2.00

No. 6566—Antique Brass, Sanded, RD Finish 2.00

One-half Dozen in a Box, with Screws.

IONIAN DESIGN

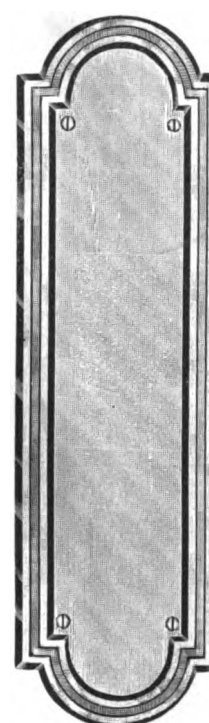


Wrought Bronze, Size 11x3 inches. Each

No. 6567—Antique Brass, Sanded, RD Finish\$2.00

One-half Dozen in a Box, with Screws.

CAMDEN DESIGN

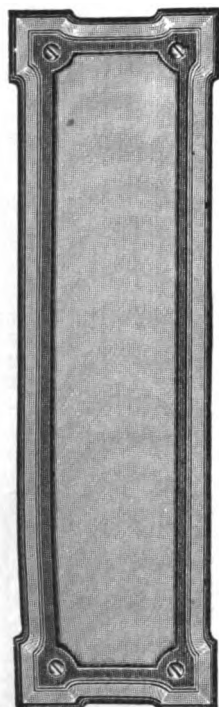


Wrought Bronze, Size 11x3 inches. Each

No. 6568—Antique Brass, Sanded, RD Finish\$2.00

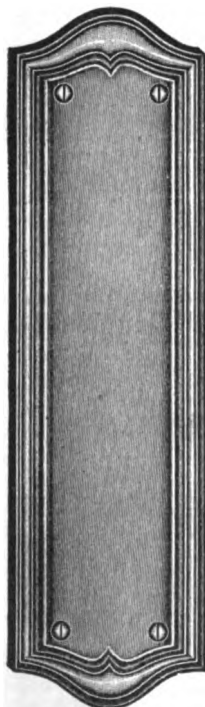
One-half Dozen in a Box, with Screws.

KENWOOD DESIGN



Nos. 6569 and 6570.

ELGIN DESIGN



Nos. 6571 and 6572.

Wrought Bronze, Size 11x3 1/4 inches. Each

No. 6569—Antique Copper, Polished, AB Finish.....\$2.00

No. 6570—Antique Brass, Sanded, RD Finish..... 2.00

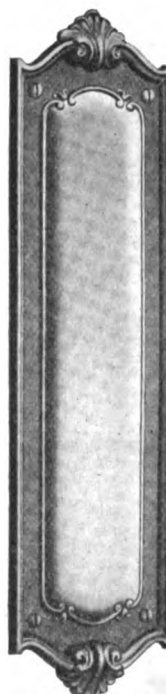
Wrought Bronze, Size 11x3 inches. Each

No. 6571—Antique Copper, Polished, AB Finish.....\$2.00

No. 6572—Antique Brass, Sanded, RD Finish..... 2.00

One-half Dozen in a Box, with Screws.

VF—VERNON DESIGN



No. 6573.

Cast Bronze, Size 10 1/2 x 2 3/4 inches. Each

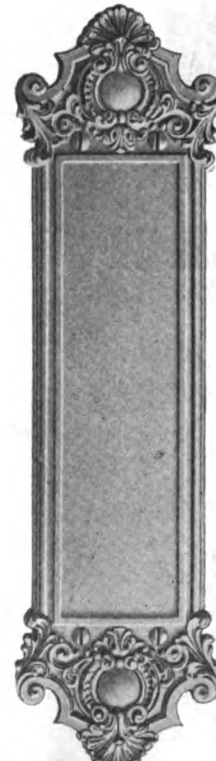
No. 6573—Antique Brass, Sanded, RD Finish.....\$3.50

Cast Bronze, Size 12x3 1/4 inches. Each

No. 6574—Antique Brass, Sanded, RD Finish.....\$3.50

One-half Dozen in a Box, with Screws.

VITRY DESIGN



No. 6574.

PUSH AND PULL PLATES

Cuts Half Size.

LETTERED PUSH



Wrought Bronze.

Size $4\frac{1}{4} \times 1\frac{3}{8}$ inches.

Face of Letters Black Finish.

Per Dozen

No. AB847P—Antique Copper, Polished, AB Finish...\$7.00
 No. OB847P—Old Brass, Polished, OB Finish..... 7.00

One Dozen in a Box, with Screws.

LETTERED PULL



Wrought Bronze.

Size $4\frac{1}{4} \times 1\frac{3}{8}$ inches.

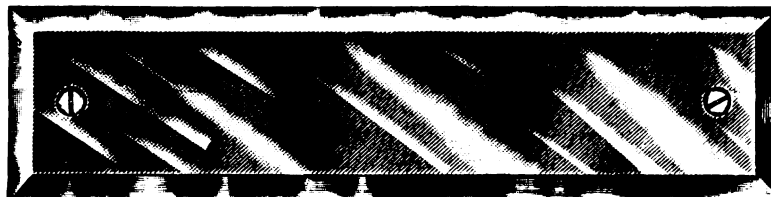
Face of Letters Black Finish.

Per Dozen

No. AB857P—Antique Copper, Polished, AB Finish...\$7.00
 No. OB857P—Old Brass, Polished, OB Finish..... 7.00

One Dozen in a Box, with Screws.

GLASS PUSH PLATES



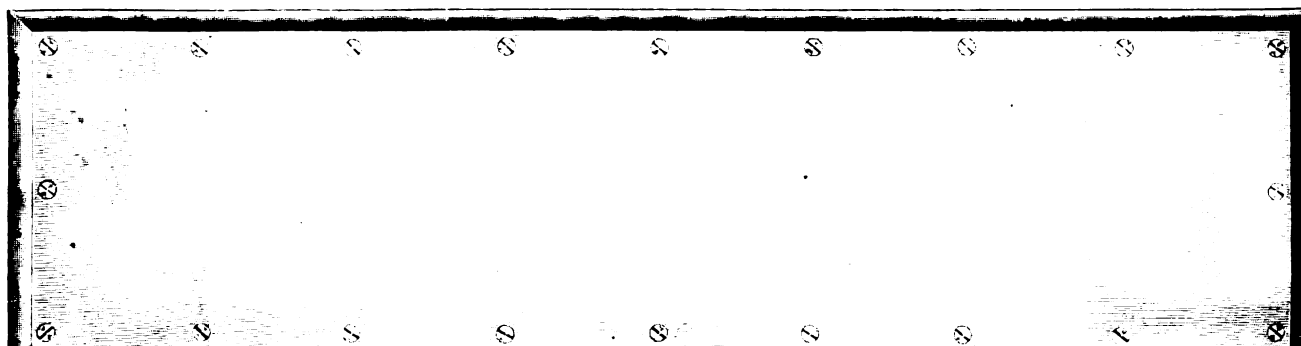
No. 3430—Plate Glass, Beveled Edge.

Packed with Round Head Nickel Plated Screws, Nickel Plated Rosette and Rubber Washer.

Size, Inches	3x12	3x15
Per Dozen	\$9.00	13.00

One Pair in a Box.

KICK PLATES

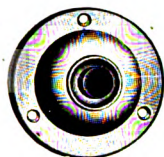


We do not list sizes of Kick Plates for the reason that there is no standard dimensions of these goods, but we can furnish to order Kick Plates of any size and finish.

PUSH BUTTONS

Cuts Third Size.

ROUND



Wrought Bronze.

Size 2 $\frac{3}{8}$ inches.

Per Dozen

- No. 7513—Antique Copper, Polished, AB Finish.....\$3.50
 No. 7514—Old Brass, Polished, OB Finish..... 3.50

One-half Dozen in a Box, with Screws.

MADISON DESIGN

Wrought Steel.
Size 3 $\frac{3}{4}$ x 1 $\frac{5}{8}$ inches.

Each

- No. 7527—Antique Copper, Polished, AB Finish.....\$0.80
 No. 7529—Old Brass, Relieved, OE Finish..... .80
 One-half Dozen in a Box, with Screws.

STRATFORD DESIGN

Wrought Steel.
Size 3 $\frac{1}{2}$ x 1 $\frac{1}{2}$ inches.

Each

- No. 7534—Antique Copper, Polished, AB Finish.....\$0.80
 No. 7535—Old Brass, Polished, OB Finish..... .80
 No. 7536—Antique Brass, Sanded, RD Finish..... .80
 No. 7537—Bower-Barff, Rustless Iron, BB Finish..... .80
 One-half Dozen in a Box, with Screws.

AN—ALBY DESIGN

Wrought Steel.
Size 4 x 1 $\frac{1}{2}$ inches.

Each

- No. 7539—Antique Copper, Polished, AB Finish.....\$0.90
 No. 7540—Old Brass, Relieved, OE Finish..... .90
 One-half Dozen in a Box, with Screws.

HF—HAVEN DESIGN



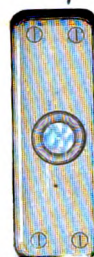
Wrought Steel.

Size 4 $\frac{7}{8}$ x 1 $\frac{5}{8}$ inches.

Each

- No. 7541—Old Brass, Relieved, OE Finish.....\$0.90
 One-half Dozen in a Box, with Screws.

PERU DESIGN



Wrought Steel.

Size 3 $\frac{3}{4}$ x 1 $\frac{5}{8}$ inches.

Per Dozen

- No. 7517—Bower-Barff, Rustless Iron, BB Finish....\$13.00

Wrought Bronze.

Size 3 $\frac{3}{4}$ x 1 $\frac{5}{8}$ inches.

Per Dozen

- No. 7518—Antique Copper, Polished, AB Finish....\$13.00
 No. 7519—Old Brass, Polished, OB Finish..... 13.00
 No. 7520—Antique Brass, Sanded, RD Finish..... 13.00
 One-half Dozen in a Box, with Screws.

ANDROS DESIGN



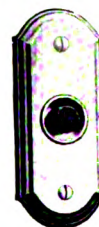
Wrought Steel.

Size 3 $\frac{1}{2}$ x 1 $\frac{1}{2}$ inches.

Each

- No. 7530—Antique Copper, Polished, AB Finish.....\$0.80
 No. 7531—Old Brass, Relieved, OE Finish..... .80
 One-half Dozen in a Box, with Screws.

PE—EXETER DESIGN



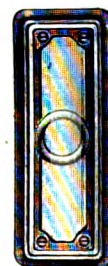
Wrought Steel.

Size 3 $\frac{1}{2}$ x 1 $\frac{1}{2}$ inches.

Each

- No. 7538—Antique Copper, Polished, AB Finish.....\$0.90
 One-half Dozen in a Box, with Screws.

OXFORD DESIGN

Wrought Steel.
Size 4 x 1 $\frac{1}{2}$ inches.

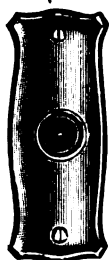
Each

- No. 7542—Antique Copper, Polished, AB Finish.....\$0.80
 No. 7543—Old Brass, Relieved, OE Finish..... .80
 One-half Dozen in a Box, with Screws.

PUSH BUTTONS

Cuts Third Size.

MAYFAIR DESIGN



Wrought Steel.

Size 4x1 1/2 inches.

- | | | |
|--|------|--------|
| No. 7545—Antique Brass, Polished, AB Finish..... | Each | \$0.80 |
| No. 7546—Old Brass, Polished, OB Finish..... | | .80 |
| No. 7547—Antique Brass, Sanded, RD Finish..... | | .80 |
- One-half Dozen in a Box, with Screws.

SUPERIOR DESIGN



Wrought Steel.

Size 3 1/2 x 1 1/2 inches.

- | | | |
|--|------|--------|
| No. 7549—Antique Brass, Sanded, RD Finish..... | Each | \$0.90 |
|--|------|--------|
- One-half Dozen in a Box, with Screws.

KENWOOD DESIGN



Wrought Steel.

Size 3 3/4 x 1 1/2 inches.

- | | | |
|---|------|--------|
| No. 7552—Antique Copper, Polished, AB Finish..... | Each | \$0.90 |
| No. 7553—Antique Brass, Sanded, RD Finish..... | | .90 |
- One-half Dozen in a Box, with Screws.

ROCKFORD DESIGN



Wrought Bronze.

Size 3 1/2 x 1 1/2 inches.

- | | | |
|--|------|--------|
| No. 7558—Antique Brass, Sanded, RD Finish..... | Each | \$1.50 |
|--|------|--------|
- One-half Dozen in a Box, with Screws.

IONIAN DESIGN



Wrought Steel.

Size 3 3/4 x 1 1/2 inches.

- | | | |
|--|------|--------|
| No. 7548—Antique Brass, Sanded, RD Finish..... | Each | \$0.90 |
|--|------|--------|
- One-half Dozen in a Box, with Screws.

CAMDEN DESIGN



Wrought Steel.

Size 3 1/2 x 1 1/2 inches.

- | | | |
|--|------|--------|
| No. 7550—Antique Brass, Sanded, RD Finish..... | Each | \$0.90 |
|--|------|--------|

ELGIN DESIGN



Wrought Steel.

Size 4x1 1/2 inches.

- | | | |
|---|------|--------|
| No. 7554—Antique Copper, Polished, AB Finish..... | Each | \$0.90 |
| No. 7555—Antique Brass, Sanded, RD Finish..... | | .90 |
- One-half Dozen in a Box, with Screws.

BRISTOL DESIGN



Wrought Bronze.

Size 3 1/2 x 1 1/2 inches.

- | | | |
|--|------|--------|
| No. 7559—Antique Brass, Sanded, RD Finish..... | Each | \$1.50 |
|--|------|--------|
- One-half Dozen in a Box, with Screws.

LENOX DESIGN

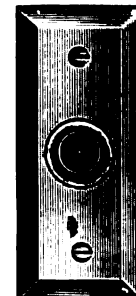


Wrought Steel.

Size 3 3/4 x 1 1/2 inches.

- | | | |
|---|------|--------|
| No. 7556—Antique Copper, Polished, AB Finish..... | Each | \$0.90 |
| No. 7557—Antique Brass, Sanded, RD Finish..... | | .90 |
- One-half Dozen in a Box, with Screws.

STRATFORD DESIGN



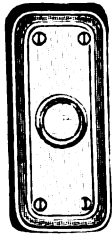
Wrought Bronze.

Size 3 1/2 x 1 1/2 inches.

- | | | |
|---|------|--------|
| No. 7560—Antique Copper, Polished, AB Finish..... | Each | \$1.40 |
| No. 7561—Old Brass, Polished, OB Finish..... | | 1.40 |
| No. 7562—Antique Brass, Sanded, RD Finish..... | | 1.40 |
- One-half Dozen in a Box, with Screws.

PUSH BUTTONS

SUPERIOR DESIGN



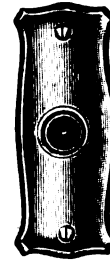
Wrought Bronze.

Size $3\frac{1}{2} \times 1\frac{1}{2}$ inches.

No. 7563—Antique Brass, Sanded, RD Finish.....\$1.50 Each
One-half Dozen in a Box, with Screws.

Cuts Third Size.

MAYFAIR DESIGN

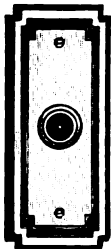


Wrought Bronze.

Size $4 \times 1\frac{1}{2}$ inches.

No. 7564—Antique Brass, Polished, AB Finish.....\$1.50 Each
No. 7565—Old Brass, Polished, OB Finish.....1.50
No. 7566—Antique Brass, Sanded, RD Finish.....1.50
One-half Dozen in a Box, with Screws.

IONIAN DESIGN

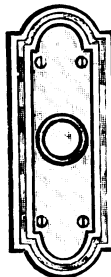


Wrought Bronze.

Size $3\frac{1}{2} \times 1\frac{1}{2}$ inches.

No. 7567—Antique Brass, Sanded, RD Finish.....\$1.50 Each
One-half Dozen in a Box, with Screws.

CAMDEN DESIGN



Wrought Bronze.

Size $3\frac{1}{2} \times 1\frac{1}{2}$ inches.

No. 7568—Antique Brass, Sanded, RD Finish.....\$1.25 Each
One-half Dozen in a Box, with Screws.

KENWOOD DESIGN

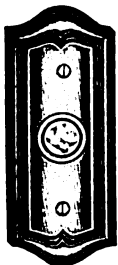


Wrought Bronze.

Size $3\frac{1}{2} \times 1\frac{1}{2}$ inches.

No. 7569—Antique Copper, Polished, AB Finish.....\$1.25 Each
No. 7570—Antique Brass, Sanded, RD Finish.....1.25
One-half Dozen in a Box, with Screws.

ELGIN DESIGN

Wrought Bronze.
Size $4 \times 1\frac{1}{2}$ inches.

No. 7571—Antique Copper, Polished, AB Finish.....\$1.50 Each
No. 7572—Antique Brass, Sanded, RD Finish.....1.50
One-half Dozen in a Box, with Screws.

VF-VERNON DESIGN



Cast Bronze.

Size $3\frac{3}{8} \times 1\frac{1}{2}$ inches.

No. 7573—Antique Brass, Sanded, RD Finish.....\$3.00 Each
One-half Dozen in a Box, with Screws.

VITRY DESIGN



Cast Bronze.

No. 7574—Antique Brass, Sanded, RD Finish.....\$3.00 Each
One-half Dozen in a Box, with Screws.

CN-NELSON DESIGN

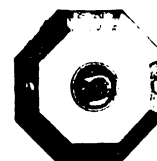


Wrought Bronze.

Size $1\frac{1}{2}$ inches.

No. 7580—Old Brass, Polished, OB Finish.....\$1.50 Each
One-half Dozen in a Box, with Screws.

CT-CHATHAM DESIGN



Wrought Bronze.

Size $2\frac{1}{2}$ inches.

No. 7581—Old Brass, Polished, OB Finish.....\$1.50 Each
One-half Dozen in a Box, with Screws.

DOOR BELLS

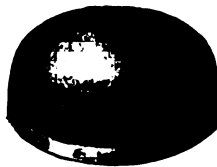
Cuts Half Size.

PUSH BUTTON

Continuous Ring, Electric Stroke.



Nos. 1 and 2.



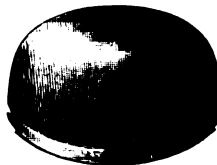
Nos. 3 to 3620.

- Per Dozen Sets
- No. 1—3 ½ inch, Antique Copper, Polished, AB Finish, Wrought Steel Bell, 3 ¾ x 1 ½ inches, Antique Copper, Polished, AB Finish Wrought Bronze Push Button....\$14.00
- No. 2—Old Brass, Polished, OB Finish, Otherwise Same as No. 1..... 14.00
- No. 3—3 ½ inch, Antique Copper, Polished, AB Finish, Wrought Steel Bell, 4 x 1 ½ inches, Antique Copper, Polished, AB Finish, Wrought Bronze Push Button.... 14.00
- No. 5—Old Brass, Polished, OB Finish, Otherwise Same as No. 3..... 14.00
- No. 3622—3 ½ inch, Nickel Plated Bell Metal Bell, 4 x 1 ½ inches, Antique Copper, Polished, AB Finish Wrought Bronze Push Button 18.00
- No. 3620—Old Brass, Oxidized and Relieved, OE Finish, Otherwise Same as No. 3622. 18.00

All Above, One-twelfth Dozen Sets in a Box, with Screws.

ROTARY

Rotary Movement, Electric Stroke.

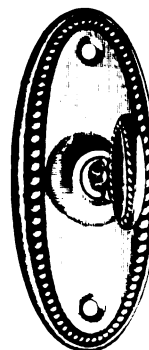
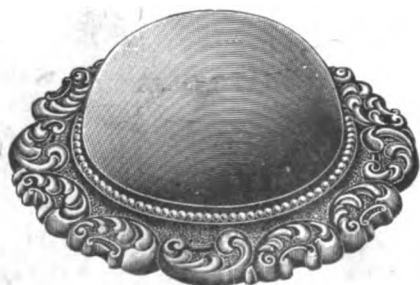


- Per Dozen Sets
- No. 3241—3 inch, Nickel Plated Wrought Steel Bell, 3 ¾ x 1 ½ inches, Antique Copper, Polished, AB Finish Wrought Bronze Bell Turn.....\$8.00
- No. 3242—Old Brass, Polished, OB Finish, Otherwise Same as No. 3241..... 8.00

One-twelfth Dozen Sets in a Box, with Screws.

- Per Dozen Sets
- No. 691—3 inch, Nickel Plated Wrought Steel Bell, 4 x 1 ¾ inches, Antique Copper, Polished, OB Finish Wrought Bronze Bell Turn.....\$8.00
- No. 692—Old Brass, Polished, OB Finish, Otherwise Same as No. 691..... 8.00

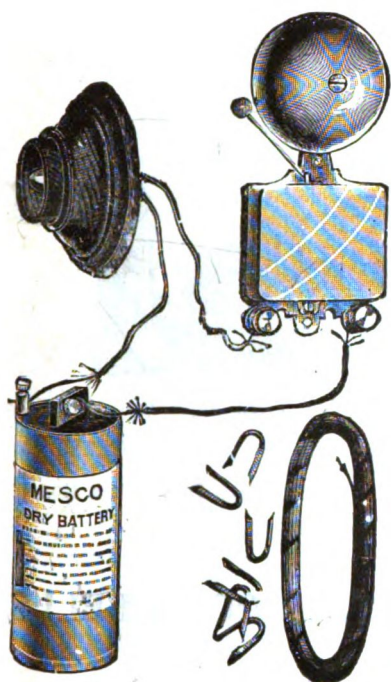
One-twelfth Dozen Sets in a Box, with Screws.



- Per Dozen Sets
- No. 345—3 inch, Nickel Plated Bell, Antique Copper Ornamental Cast Base, 3 ½ x 1 ¾ inches, Antique Copper, Polished, AB Finish Wrought Bronze Bell Turn.....\$8.00

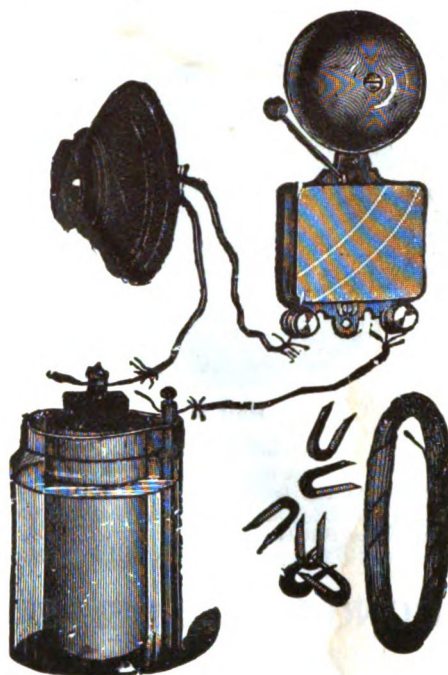
One-twelfth Dozen Sets in a Box, with Screws.

ELECTRIC HOUSE BELL SETS



No. 1762—Dry Battery, Iron Box Bell with 2 1/2 inch Nickel Plated Gong, No. 50 Wood Button, 50 feet Insulated Wire, Staples and Printed Directions for Setting up, a First Class Outfit.....\$1.50
One in a Box, Complete.

Each



No. 1763—Leclanche Battery, Iron Box Bell with 2 1/2 inch Nickel Plated Gong, No. 40 Wood Button, 50 feet Insulated Wire, Staples and Printed Directions for Setting up.....\$2.00
One in a Box, Complete.

Each

ELECTRIC BUZZERS



No. 695—Pressed Steel Frame and Base, Japanned, Silver Contacts, Very Powerful.....\$0.60

Each

One in a Box.

SWITCHES

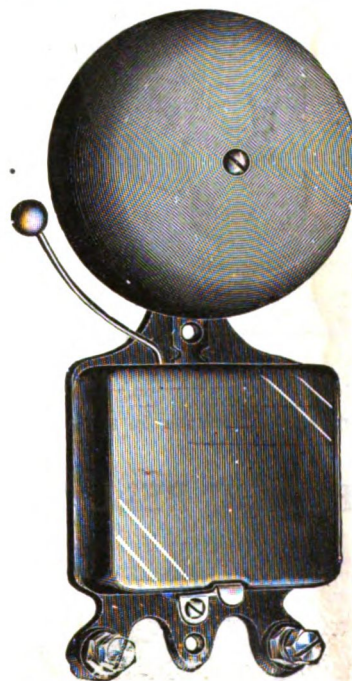


No. 814—One Point, Wood Base, Nickel Plated Lever and Points\$0.15

Each

Open Stock.

ELECTRIC BELLS



No. 1845—2 1/2 inch Nickel Plated Bell, Black Japanned Tinned Sheet Steel Cover, Black Japanned Heavy Annealed Steel Base.....\$0.55

Each

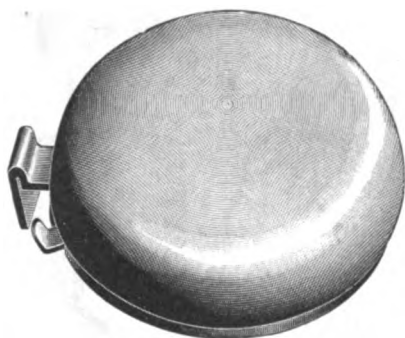
No. 1846—3 inch Bell, Otherwise Same as No. 1845......70
The Armature, Striking Rod and Ball are all made from one piece of metal, a sure prevention of loose striker rods or balls.

One cell of battery will operate it and as many as five cells can be used if desired.

One in a Box. Digitized by Google

ALARM DOOR BELLS

AUTOMATIC



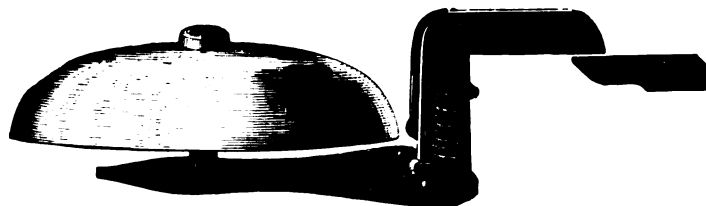
Cut Half Size.

Nickel Plated.

Per Dozen

No. 9—Automatic Alarm Door Bell, Bell Metal, Nickel Plated, a Perfect Burglar Alarm, Applicable to Any Door or to Wide Sash.....\$12.00
One-twelfth Dozen in a Box, with Screws.

YANKEE



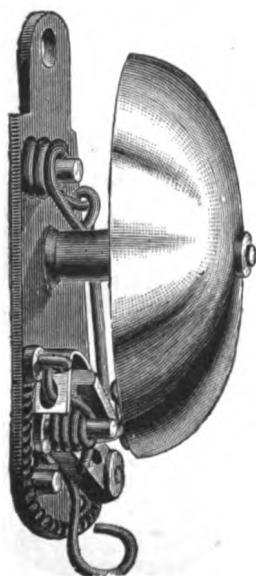
Polished Bell, Japanned Mountings.

Per Dozen

No. 125—4 inch, Bronzed Steel, Japanned Mountings..\$7.00

One-twelfth Dozen in a Box.

GONG HOUSE BELLS

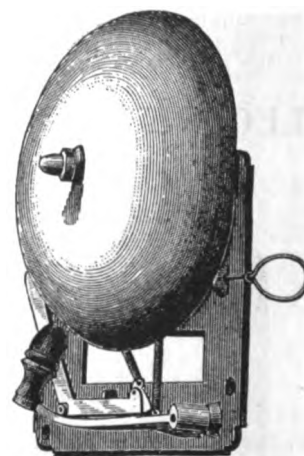


No. 20—Bronzed Steel.

Inches	4	5	6	7	8
Per Dozen	\$5.00	7.00	10.00	14.00	20.00

One-twelfth Dozen in a Package.

TRIP GONG BELLS



No. 30—Polished Bell Metal, Iron Base, Wood Hammer, Single Stroke.

Inches	5	6	7	8
Per Dozen	\$16.50	24.00	34.00	46.00

One-twelfth Dozen in a Package.

ELECTRIC BELL WIRE



Insulated Copper, No. 18, About 140 feet to the Pound.

Per Pound

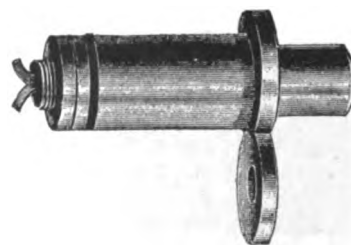
No. 718—About 7 Lbs. on a Spool.....\$1.10

No. 118—In Coils of 1 Lb.....1.25

Per Dozen

No. 018—In Coils of ½ Lb.....\$6.00

BURGLAR ALARM DOOR SPRINGS



For Use with Bell Sets Nos. 1762 and 1763.

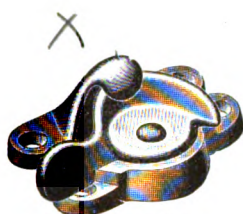
Each

No. 1571—Telescope Door Spring, by Connecting This Spring with Sets Nos. 1762 and 1763 the Alarm Will Ring when Door is Opened.....\$0.30

SASH FASTENERS

Cuts Half Size.

RUBY



Cast Iron Plate.

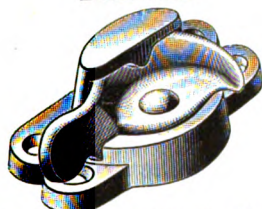
Size $1\frac{1}{8} \times 2\frac{1}{2}$ inch Case, $\frac{5}{8} \times 2\frac{1}{2}$ inch Strike.

Per Dozen

No.	DA254	—Antique Copper, DA Finish.....	\$1.20
No.	DR254	—Antique Copper, Sanded, DR Finish.....	1.30
No.	OT254	—Old Brass, OT Finish.....	1.20
No.	RD254	—Antique Brass, Sanded, RD Finish.....	1.30
No.	N254	—Nickel Plated, Polished, N Finish.....	1.30
No.	BNT254	—Bower-Barff Rustless Iron, BNT Finish..	1.20

One Dozen in a Box, with Screws.

DIAMOND



Extra Heavy Cast Iron, Plated.

Size $1\frac{1}{8} \times 3$ inch Case, $1\frac{1}{8} \times 3$ inch Strike.

Per Dozen

No.	DA454	—Antique Copper, DA Finish.....	\$3.00
No.	OT454	—Old Brass, OT Finish.....	3.00
No.	BC454	—Bower-Barff Rustless Iron, BC Finish....	3.00

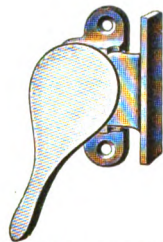
One Dozen in a Box, with Screws.

SIDE SASH FASTENERS

Cuts Half Size.



Nos. 10 and 19.



Nos. 18B and 18C.

Ornamental, Malleable Iron, Plated.

Per Dozen

No.	10	—Amber Bronzed	\$1.20
No.	19	—Bronze Plated, K Finish.....	1.70

Plain, Malleable Iron, Plated.

Per Dozen

No.	18B	—Antique Copper	\$1.70
No.	18C	—Dull Brass	1.70

One Dozen in a Box, with Screws.

HOOK SASH LIFTS

Cuts Half Size.

ORNAMENTAL



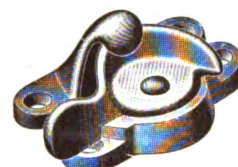
Iron.

Size $1\frac{1}{2} \times 1\frac{1}{4}$ inches.

Per Dozen

No.	T431A	—Tuscan Bronzed, T Finish.....	\$0.40
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Three Dozen in a Box, with Screws.



Cast Bronze.

Size $1\frac{1}{8} \times 2\frac{1}{2}$ inch Case, $\frac{5}{8} \times 2\frac{1}{2}$ inch Strike.

Per Dozen

No.	AB258	—Antique Copper, Polished, AB Finish.....	\$8.00
No.	OB258	—Old Brass, Polished, OB Finish.....	8.00
No.	RD258	—Antique Brass, Sanded, RD Finish.....	8.00
No.	N258	—Nickel Plated, Polished, N Finish.....	8.00

One Dozen in a Box, with Screws.

SHELBY



Wrought Steel.

Size $2\frac{1}{2} \times 2\frac{3}{4}$ inches.

Per Dozen

No.	850	—Amber Bronzed	\$0.90
No.	858	—Antique Copper	1.10
No.	860	—Old Brass	1.10
No.	868	—Antique Brass, Sanded.....	1.20

Wrought Bronze.

Size $2\frac{1}{2} \times 2\frac{3}{4}$ inches.

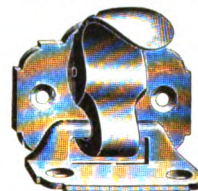
Per Dozen

No.	875	—Antique Copper	\$4.50
No.	877	—Old Brass	4.50
No.	885	—Antique Brass, Sanded.....	4.50

One Dozen in a Box, with Screws.

SASH LIFTS AND LOCKS

Cuts Half Size.



Cast Iron, Plated.

Size $1\frac{1}{8} \times 1\frac{1}{2}$ inch Plate.

Per Dozen

No.	DA460	—Antique Copper, DA Finish.....	\$2.50
No.	OT460	—Old Brass, OT Finish.....	2.50

Two Dozen in a Box, with Screws.

HOOK SASH LIFTS

Cuts Half Size.

PLAIN.



Wrought Steel.

Size $1\frac{1}{2} \times 1\frac{1}{4}$ inches.

Per Dozen

No.	DA2435	—Antique Copper, DA Finish.....	\$0.40
No.	OT2435	—Old Brass, Polished, OT Finish.....	.40
No.	RB2435	—Antique Copper, Sanded, RB Finish.....	.40
No.	BNT2435	—Bower-Barff Rustless Iron, BNT Finish..	.40
No.	RD2435	—Antique Brass, Sanded, RD Finish.....	.40
No.	N2435	—Nickel Plated, Polished, N Finish.....	.40

Wrought Bronze.

Size $1\frac{1}{2} \times 1\frac{1}{4}$ inches.

Per Dozen

No.	N2835P	—Nickel Plated, Polished, N Finish.....	\$1.75
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Three Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cuts Third Size.

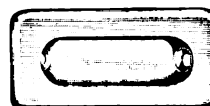
PERU DESIGN



Wrought Steel.
Size $1\frac{1}{8} \times 3\frac{1}{4}$ inches.

	Per Dozen
No. 8515—Antique Copper, AB Finish.....	\$1.00
No. 8516—Old Brass, Polished, OB Finish.....	1.00
No. 8517—Bower-Barff Rustless Iron, BB Finish.....	1.00
One Dozen in a Box, with Screws.	

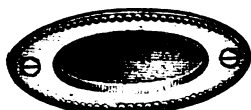
PERU DESIGN



Wrought Bronze.
Size $1\frac{1}{8} \times 3\frac{1}{4}$ inches.

	Per Dozen
No. 8518—Antique Copper, Polished.....	\$2.25
No. 8519—Old Brass, Polished, OB Finish.....	2.25
No. 8520—Bower-Barff, Rustless Iron, BB Finish.....	2.25
One Dozen in a Box, with Screws.	

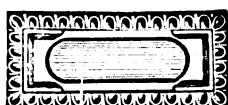
MADISON DESIGN



Wrought Steel.
Size $3\frac{3}{4} \times 1\frac{1}{8}$ inches.

	Per Dozen
No. 8527—Antique Copper, Polished, AB Finish.....	\$1.50
No. 8529—Old Brass, Relieved, OE Finish.....	1.50
One Dozen in a Box, with Screws.	

ANDROS DESIGN



Wrought Steel.
Size $1\frac{3}{4} \times 3\frac{1}{4}$ inches.

	Per Dozen
No. 8530—Antique Copper, Polished, AB Finish.....	\$1.50
No. 8531—Old Brass, Relieved, OE Finish.....	1.50
One Dozen in a Box, with Screws.	

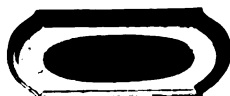
STRATFORD DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{1}{4}$ inches.

	Per Dozen
No. 8534—Antique Copper, Polished, AB Finish.....	\$1.50
No. 8535—Old Brass, Polished, OB Finish.....	1.50
No. 8536—Antique Brass, Sand- ed, RD Finish.....	1.50
No. 8537—Bower-Barff Rustless Iron, BB Finish.....	1.50
One Dozen in a Box, with Screws.	

PE-EXETER DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{1}{2}$ inches.

	Per Dozen
No. 8538—Antique Copper, Polished, AB Finish.....	\$2.00
One Dozen in a Box, with Screws.	

AN-ALBY DESIGN



Wrought Steel.
Size $1\frac{1}{8} \times 4$ inches.

	Per Dozen
No. 8539—Antique Copper, Polished, AB Finish.....	\$2.00
No. 8540—Old Brass, Relieved, OE Finish.....	2.00
One Dozen in a Box, with Screws.	

HF-HAVEN DESIGN



Wrought Steel.
Size $1\frac{1}{8} \times 4\frac{1}{2}$ inches.

	Per Dozen
No. 8541—Old Brass, Relieved, OE Finish.....	\$2.00
One Dozen in a Box, with Screws.	

OXFORD DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{1}{2}$ inches.

	Per Dozen
No. 8542—Antique Copper, Polished, AB Finish.....	\$2.00
No. 8543—Old Brass, Relieved, OE Finish.....	2.00
One Dozen in a Box, with Screws.	

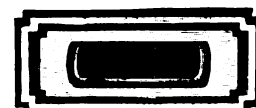
MAYFAIR DESIGN



Wrought Steel.
Size $3\frac{1}{2} \times 1\frac{1}{2}$ inches.

	Per Dozen
No. 8545—Antique Brass, Polished, AB Finish.....	\$2.00
No. 8546—Old Brass, Polished, OB Finish.....	2.00
No. 8547—Antique Brass, Sand- ed, RD Finish.....	2.00
One Dozen in a Box, with Screws.	

IONIAN DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{3}{4}$ inches.

	Per Dozen
No. 8548—Antique Brass, Sand- ed, RD Finish.....	\$2.00
One Dozen in a Box, with Screws.	

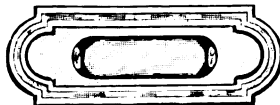
SUPERIOR DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{1}{2}$ inches.

	Per Dozen
No. 8549—Antique Brass, Sand- ed, RD Finish.....	\$2.00
One Dozen in a Box, with Screws.	

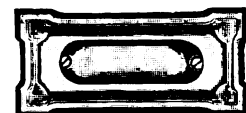
CAMDEN DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 4\frac{1}{4}$ inches.

	Per Dozen
No. 8550—Antique Brass, Sand- ed, RD Finish.....	\$2.00
One Dozen in a Box, with Screws.	

KENWOOD DESIGN



Wrought Steel.
Size $1\frac{1}{8} \times 3\frac{5}{8}$ inches.

	Per Dozen
No. 8552—Antique Copper, Polished, AB Finish.....	\$2.00
No. 8553—Antique Brass, Sand- ed, RD Finish.....	2.00
One Dozen in a Box, with Screws.	

FLUSH SASH LIFTS

Cuts Third Size.

ELGIN DESIGN



Wrought Steel.

Size 1 5/8 x 4 inches.

- Per Dozen
 No. 8554—Antique Copper, Polished, AB Finish.....\$2.00
 No. 8555—Antique Brass, Sand-
 ed, RD Finish..... 2.00
 One Dozen in a Box, with Screws.

BRISTOL DESIGN



Wrought Bronze.

Size 1 1/2 x 3 1/2 inches.

- Per Dozen
 No. 8559—Antique Brass, Sand-
 ed, RD Finish.....\$3.75
 One Dozen in a Box, with Screws.

MAYFAIR DESIGN

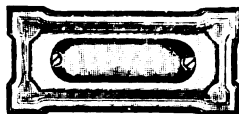


Wrought Bronze.

Size 3 1/2 x 1 1/2 inches.

- Per Dozen
 No. 8564—Antique Brass, Polished, AB Finish.....\$3.75
 No. 8565—Old Brass, Polished, OB Finish 3.75
 No. 8566—Antique Brass, Sand-
 ed, RD Finish..... 3.75
 One Dozen in a Box, with Screws.

KENWOOD DESIGN

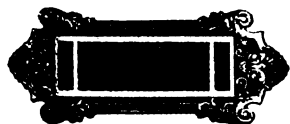


Wrought Bronze.

Size 1 5/8 x 3 3/8 inches.

- Per Dozen
 No. 8569—Antique Copper, Polished, AB Finish.....\$3.75
 No. 8570—Antique Brass, Sand-
 ed, RD Finish..... 3.75
 One Dozen in a Box, with Screws.

VITRY DESIGN



Cast Bronze.

Size 1 1/2 x 3 3/8 inches.

- Per Dozen
 No. 8574—Antique Brass, Sand-
 ed, RD Finish.....\$12.00
 One Dozen in a Box, with Screws.

LENOX DESIGN



Wrought Steel.

Size 1 1/2 x 3 3/4 inches.

- Per Dozen
 No. 8556—Antique Copper, Polished, AB Finish.....\$2.00
 No. 8557—Antique Brass, Sand-
 ed, RD Finish..... 2.00
 One Dozen in a Box, with Screws.

STRATFORD DESIGN



Wrought Bronze.

Size 1 1/2 x 3 1/2 inches.

- Per Dozen
 No. 8560—Antique Copper, Polished, AB Finish.....\$3.75
 No. 8561—Old Brass, Polished, OB Finish 3.75
 No. 8562—Antique Brass, Sand-
 ed, RD Finish..... 3.75
 One Dozen in a Box, with Screws.

IONIAN DESIGN



Wrought Bronze.

Size 1 1/2 x 3 3/4 inches.

- Per Dozen
 No. 8567—Antique Brass, Sand-
 ed, RD Finish.....\$3.75
 One Dozen in a Box, with Screws.

ELGIN DESIGN

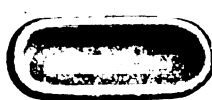


Wrought Bronze.

Size 1 5/8 x 4 inches.

- Per Dozen
 No. 8571—Antique Copper, Polished, AB Finish.....\$3.75
 No. 8572—Antique Brass, Sand-
 ed, RD Finish..... 3.75
 One-half Dozen in a Box, with Screws.

CN-NELSON



Wrought Bronze.

Size 1 1/2 x 3 3/8 inches.

- Per Dozen
 No. 8580—Old Brass, Polished, OB Finish\$3.75
 One Dozen in a Box, with Screws.

ROCKFORD DESIGN

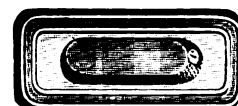


Wrought Bronze.

Size 1 1/2 x 3 1/4 inches.

- Per Dozen
 No. 8558—Antique Brass, Sand-
 ed, RD Finish.....\$3.75
 One Dozen in a Box, with Screws.

SUPERIOR DESIGN



Wrought Bronze.

Size 1 1/2 x 3 1/2 inches.

- Per Dozen
 No. 8563—Antique Brass, Sand-
 ed, RD Finish.....\$3.75
 One Dozen in a Box, with Screws.

CAMDEN DESIGN

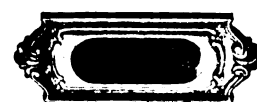


Wrought Bronze.

Size 1 1/2 x 4 1/4 inches.

- Per Dozen
 No. 8568—Antique Brass, Sand-
 ed, RD Finish.....\$3.75
 One Dozen in a Box, with Screws.

VF-VERNON DESIGN

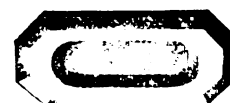


Cast Bronze.

Size 1 1/2 x 3 3/8 inches.

- Per Dozen
 No. 8573—Antique Brass, Sand-
 ed, RD Finish.....\$12.00
 One Dozen in a Box, with Screws.

CT-CHATHAM DESIGN



Wrought Bronze.

Size 1 1/2 x 3 1/2 inches.

- Per Dozen
 No. 8581—Old Brass, Polished, OB Finish\$3.75
 One Dozen in a Box, with Screws.

BAR SASH LIFTS

Cuts Half Size.



Cast Iron, Plated.

Size 1 1/4 x 4 inches.

Per Dozen

- No. RD412M—Antique Brass, Sanded, RD Finish.....\$1.00
 No. OT412M—Old Brass, OT Finish..... 1.00
 No. DA412M—Antique Copper, DA Finish..... 1.00
 No. NT412M—Nickel Plated, NT Finish..... 1.00
 No. BC412M—Rustless Iron, BC Finish..... 1.00

One Dozen in a Box, with Screws.

Cast Bronze.

Size 1 1/4 x 4 inches.

Per Dozen

- No. AB812M—Antique Copper, Polished, AB Finish.....\$5.00
 No. OB812M—Old Brass, Polished, OB Finish..... 5.00
 No. RD812M—Antique Brass, Sanded, RD Finish..... 6.00

One Dozen in a Box, with Screws.



Cast Iron, Plated.

Size 1 3/8 x 5 inches.

Per Dozen

- No. RD410M—Antique Brass, Sanded, RD Finish.....\$1.50
 No. DA410M—Antique Copper, DA Finish..... 1.50
 No. OT410M—Old Brass, OT Finish..... 1.50
 No. NT410M—Nickel Plated, NT Finish..... 1.50
 No. BC410M—Rustless Iron, BC Finish..... 1.50

One Dozen in a Box, with Screws.



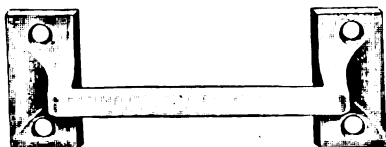
Cast Bronze.

Size 1 3/8 x 5 inches.

Per Dozen

- No. AB810M—Antique Copper, Polished, AB Finish.....\$9.00
 No. OB810M—Old Brass, Polished, OB Finish..... 9.00

One Dozen in a Box, with Screws.



Cast Bronze.

Size 1 7/8 x 4 inches.

Per Dozen

- No. AB2370—Antique Copper, Polished, AB Finish.....\$6.50
 No. OB2370—Old Brass, Polished, OB Finish..... 6.50
 No. RD2370—Antique Brass, Sanded, RD Finish..... 6.50

One Dozen in a Box, with Screws.

SASH PULL HOOKS

Cuts Half Size.



Cast Iron, Plated.

Length 2 3/4 inches, Diameter Socket 1/8 inch.

Per Dozen

- No. T48—Tuscan Bronzed\$1.50
 No. DA48—Antique Copper, DA Finish..... 2.50

One-half Dozen in a Box, with Screws.

SASH PULL PLATES

Cuts Half Size.



Wrought Steel.

Round, Diameter 1 inch.

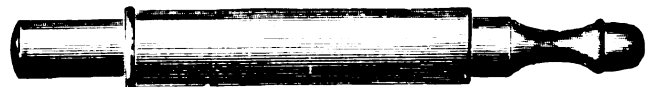
Per Dozen

- No. T400—Tuscan Bronzed, T Finish.....\$0.50
 No. DA400—Antique Copper, DA Finish..... .90
 No. OT400—Old Brass, OT Finish..... .90
 No. BB400—Rustless Iron, BB Finish..... .90

Four Dozen in a Box, with Screws.

WINDOW SPRING BOLTS

Cuts Half Size.



Per Gross

- No. 37—Wrought Iron Bolt, Tinned, Zinc Case.....\$4.80
 No. 57—Malleable Iron Bolt, Tinned, Zinc Case..... 4.25

One-half Gross in a Box.



Per Gross

- No. 58—Malleable Iron Bolt, Tinned, 3 3/4 inches Long,
 for Extra Wide Sash, Zinc Case.....\$5.40

One-half Gross in a Box.

WINDOW SPRING BOLT SOCKETS

Cuts Full Size.



Per Gross

- No. 50—Malleable Iron Sockets, for Window Spring
 Bolts, Regular Size.....\$0.80

One Gross in a Box.

WINDOW STOP ADJUSTERS

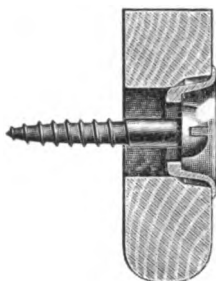
Cuts Full Size.



Front View.



Back View.



Sectional View.

For Use on Windows and Sliding Doors, Made of One Piece Metal.

Heavy Bead prevents bending in tightening the screws, insures protection against cold drafts, dust, rattling or binding.

With Round Head Screws to Match.

Wrought Steel.

	Per Gross
No. AB714—Antique Copper, Polished, AB Finish.....	\$2.20
No. OB714—Old Brass, Polished, OB Finish.....	2.20
No. RD714—Antique Brass, Sanded, RD Finish.....	2.45
No. BB714—Bower-Barff, Rustless Iron, BB Finish....	2.10
One Gross in a Box.	

Wrought Bronze and Brass.

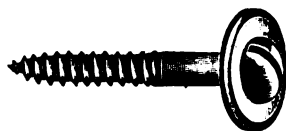
	Per Gross
No. AB716—Antique Copper, Polished, AB Finish.....	\$3.15
No. OB716—Old Brass, Polished, OB Finish.....	3.15
No. RD716—Antique Brass, Sanded, RD Finish.....	3.35

Weight Per Gross 2 1/2 Pounds.

One Gross in a Box.

WINDOW STOP ADJUSTERS

Cuts Full Size.



Wrought Steel.

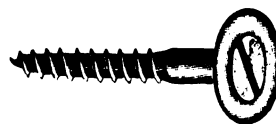
1 1/4 No. 10 Round Head Screws.

	Per Gross
No. AB4—Antique Copper, Polished, AB Finish.....	\$1.00
No. RB4—Antique Copper, Sanded, RB Finish.....	1.20
No. OB4—Old Brass, Polished, OB Finish.....	1.00
No. RD4—Antique Brass, Sanded, RD Finish.....	1.20
No. N4—Nickel Plated, Polished, N Finish.....	1.50
No. BNT4—Blue Black, Electro Plated, BNT Finish....	1.00

Wrought Bronze.

	Per Gross
No. AB6—Antique Copper, Polished, AB Finish.....	\$3.00
No. OB6—Old Brass, Polished, OB Finish.....	3.00
No. RD6—Antique Brass, Sanded, RD Finish.....	3.50
No. N6—Nickel Plated, Polished, N Finish.....	3.50

One Gross in a Box.



Wrought Steel.

1 1/4 No. 10 Flat Head Screws.

	Per Gross
No. AB34—Antique Copper, Polished, AB Finish.....	\$1.50
No. OB34—Old Brass, Polished, OB Finish.....	1.50
No. RD34—Antique Brass, Sanded, RD Finish.....	1.60
No. N34—Nickel Plated, Polished, N Finish.....	1.70
No. BNT34—Blue Black, Electro Plated, BNT Finish..	1.50
One Gross in a Box.	

DOOR BUTTONS



No. 45—Wrought Steel, Japanned.

Inches	1 1/4	1 1/2	1 3/4	2
Per Gross	\$0.65	.75	.90	1.10

One Gross in a Box.

No. 50—Wrought Steel, Galvanized.

Inches	1 1/4	2
Per Gross	\$2.50	3.00

One Gross in a Box, with Screws.



No. 35—Cast Iron, Japanned.

Inches	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Per Gross	\$0.65	.75	.90	1.10	1.50	2.00

1 1/4 to 2 inch, One Gross; Others, One-half Gross in a Box.



No. 5—Cast Brass, Natural Polished, No. 1 Finish.

Inches	1 1/4	1 1/2	2
Per Gross	\$6.10	7.40	9.20

One-half Gross in a Box.



Shank or Offset Button Wrought Steel, Japanned.

	Per Gross
No. 25—1 1/4 inches Long, 1/4 inch Offset on One End...\$1.25	
This button can be used on either flush or offset surface, carefully made with rolled edges.	
One Gross in a Box.	

STORM WINDOW BUTTONS



Cast Iron, Japanned.

	Per Gross
No. 21—1 1/4 inch	\$0.72
One Gross in a Box.	

STORM SASH AND SCREEN HANGERS

Cuts Third Size.

PHENIX



Cut Shows Window Open for Cleaning.

Wrought Steel, Galvanized.

For Use on Either a Storm Sash or Window Screen Only.

- No. 118—Single Set, Consists of 2 Pieces Each A, B, CC, DD and EE, Complete with Screws.....\$4.25
For use on both Storm Sash and Window Screen, when both are used in the same opening.

- No. 119—Double Set, Consists of Two Pieces A, Four Pieces CC, Two Pieces DD and Four Pieces EE, Complete with Screws.....\$7.25

One Dozen Sets in a Box.

- No. 102—Fastener, Two Pieces Each No. CC, DD and EE, 10 inches Long, for Windows Over 4 feet High, Complete with Screws.....\$2.75

One Dozen Pairs in a Box.

- No. 10—Hangers, Two Pieces Each A and B, Complete with Screws 1.40

One Dozen Pairs in a Box.

EXTRA PARTS

- No. A—Part A of No. 10 Hanger.....\$0.70
No. B—Part B of No. 10 Hanger..... .70
No. CC—Part CC of No. 102 Fastener..... 1.50
No. DD—Part DD of No. 102 Fastener..... .75
No. EE—Part EE of No. 102 Fastener..... .75
One Dozen Pairs in a Box, with Screws.

FASTENERS

PHENIX



Wrought Steel, Galvanized.

- No. 30—Single Set, Consists of Two Pieces Each J and K, for Use on Storm Sash, Basement or Cellar Window Screws\$0.75

One Dozen Sets in a Box, with Screws.

Wrought Steel, Galvanized.

For Use on Either Storm Sash or Window Screen Only.

- No. 121—Single Set, Consists of Two Pieces AA, One Each Right and Left, Two Each CC, DD, EE, Complete with Screws.....\$4.25
For use on both Storm Sash and Window Screen when both are used in the same opening.

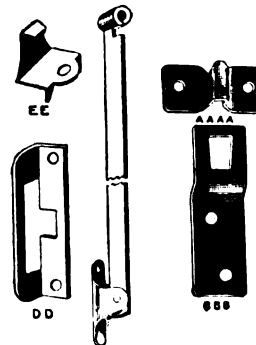
- No. 122—Double Set, Consists of Two Pieces AA, Two Pieces Each Right and Left Hand BB, Four Pieces CC, Two Pieces DD and Four Pieces EE, Complete with Screws 7.25

One Dozen Sets in a Box.

- No. 20—Hanger, Consists of Two Pieces AA, One Piece Each Right and Left Hand BB.....\$1.40
One Dozen Pairs in a Box.

EXTRA PARTS

- No. AA—Part AA, for No. 20 Hanger.....\$0.70
No. BB—Part BB, for No. 20 Hanger..... .70
One Dozen Pairs in a Box, with Screws.



Wrought Steel, Galvanized.

For Use on Either Storm Sash or Window Screen Only.

- No. 115—Single Set, Consists of Two Pieces Each AAAA, BBB, CC, DD and EE, Complete with Screws.....\$4.25
For use on both Storm Sash or Window Screen, when both are used in the same opening.

- No. 116—Double Set, Consists of Two Pieces AAAA, Four Pieces BBB, Four Pieces CC, Two Pieces DD and Four Pieces EE, Complete with Screws.....\$7.25
One Dozen Sets in a Box.

- No. 114—Hanger, Consists of Two Pieces Each AAAA and BBB, Complete with Screws.....\$1.40
One Dozen Pairs in a Box.

- EXTRA PARTS
No. AAAA—Part AAAA, for No. 114 Hanger.....\$1.40
No. BBB—Part BBB, for No. 114 Hanger..... 1.40
One Dozen Pairs in a Box, with Screws.

STORM SASH AND SCREEN HANGERS

SENSIBLE



Part A.

For Use on Storm Windows, Basement Windows and Screens.

No. 3—Steel, Japanned Per Dozen Sets \$3.50

EXTRA PARTS

Per Dozen Pairs

No. 3A—Eyes, Steel, Japanned.....\$0.80

No. 3B—Hooks, Steel, Japanned......80

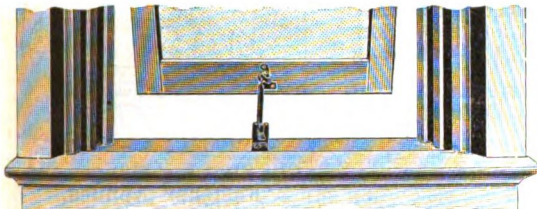
Part B.

With these Hangers, windows can be hung or taken off with as great convenience from the inside as from the outside of the house, either by hooking both sides at once or as illustrated by hooking first one side, which relieves the weight, and then the other.

One Dozen Sets in a Box, with Screws.

STORM SASH AND SCREEN FASTENERS

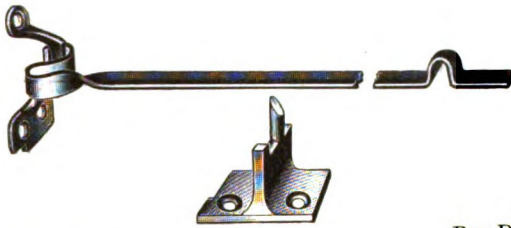
SENSIBLE



Cut Shows Window Open for Ventilation with No. 1 Fastener.



Cut Shows Window Closed with No. 1 Fastener.



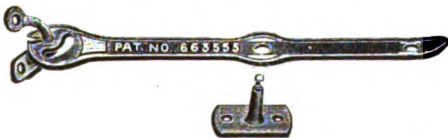
Per Dozen Sets

No. 1—Malleable Iron, Wrought Steel Lever, Japanned. \$1.80

When the window is opened for ventilation the Fastener falls into position, acts like a spring and allows no rattling.

Draw window up tight before turning lever and you will have a perfect air-tight lock.

One Dozen Sets in a Box, with Screws.



Per Dozen Sets

No. 1A—Malleable Iron, 11 inches Long, Black Japanned\$2.10

This Fastener is made with an eccentric slot, which pulls the sash close to the casing and when closed the lever is in such position that it does not interfere with the inner window.

One Dozen Sets in a Box, with Screws.

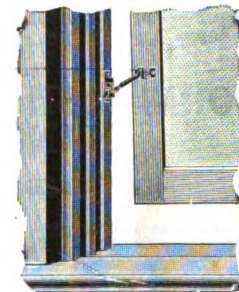


Per Dozen Sets

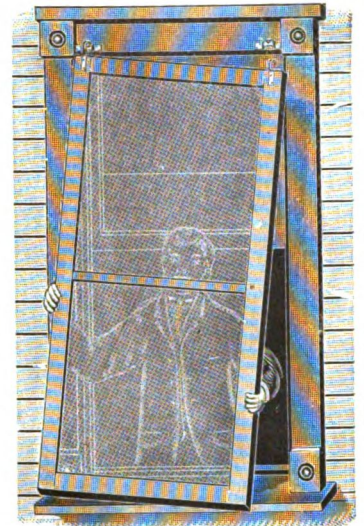
No. 2—Malleable Iron, Wrought Steel Lever, Japanned, Two to a Set.....\$1.80

When the window is opened for ventilation the Fasteners fall into position, acting like a spring and allows no rattling.

One Dozen Sets in a Box, with Screws.



Cut Shows Window Open for Ventilation with No. 2 Fastener.



Cut Shows How Screen or Storm Windows Can be Raised.

STORM SASH AND SCREEN HANGERS AND FASTENERS

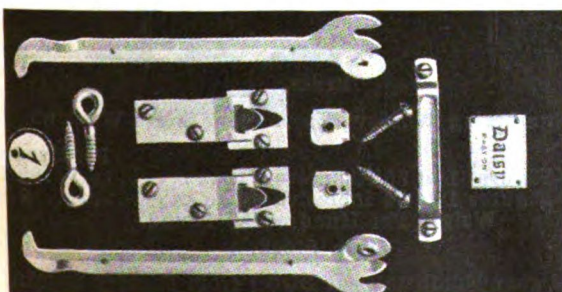
DAISY

Cold Rolled Steel, Electro Galvanized.

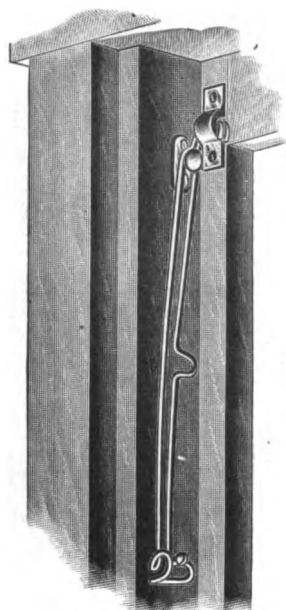
Per Dozen Sets

No. 1—Set, Consists of 1 Pair Hangers, 1 Pair Fasteners, Two Nail Pins, Two Screw Eyes, One Pull and 10 Screws.....\$3.50

One-twelfth Dozen in a Box.

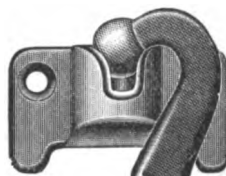


STORM SASH AND SCREEN HANGERS



No. 1 Side Fastener.

DIEHL'S



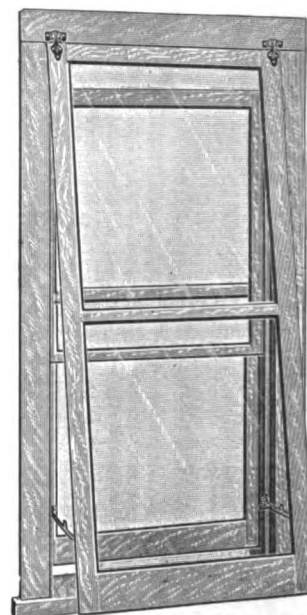
Part A.

Part B.

Hanger No. 6.

The Diehl is the only Ball and Socket Hanger on the market. It works freely, cannot bind, will not blow off, can be hung on one side at a time from the inside as well as from the outside of building.

Fastener is flexible steel and will hold sash perfectly tight to blind stops, where in the above position the fastener is entirely out of the way of the workings of the inside sash.



Cut Showing Hanger and Fastener Applied.

COMPLETE SET

For Use on Storm Windows, Basement Windows and Screens.

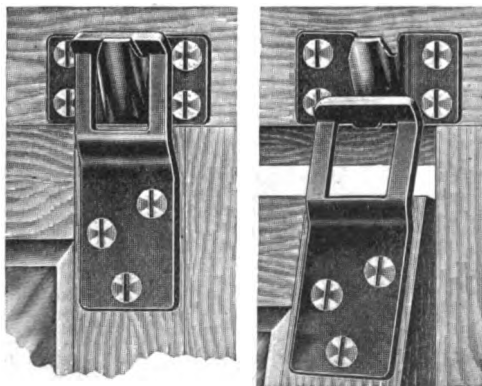
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|--|----------------|
| No. 6 Set—Consists of Two Parts A and Two Parts B of No. 6 Hanger, Made of Best Malleable Iron, Japanned, and Two No. 1 Side Fasteners Complete, Made of Flexible Steel Japanned | Per Dozen Sets |
| One Dozen Sets in a Box, with Screws. | \$5.00 |

EXTRA PARTS

- | | |
|---|-----------------|
| No. 6A Hanger—Part A, Best Malleable Iron, Japanned | Per Dozen Pairs |
| No. 6B Hanger—Part B, Best Malleable Iron, Japanned | \$2.00 |
| One Dozen in a Box, with Screws. | 2.00 |

STORM SASH AND SCREEN HANGERS

IMPROVED PEERLESS



Wrought Steel, Japanned.

- | | |
|--|----------------|
| No. 1715J Set—Consists of 2 Eyes and 2 Hooks | Per Dozen Sets |
| Weight Per Dozen Sets $3\frac{1}{2}$ Pounds. | \$2.00 |

EXTRA PARTS

- | | |
|--|-----------------|
| No. 1715JE—Eyes Only, for Fastening to the Casing | Per Dozen Pairs |
| No. 1715JH—Hooks Only, for Fastening on Screen or Window | \$1.10 |
| | 1.10 |

The angle on the Hook and on the head of the Eye guides the eye up and over the Hook, so that a sash or screen can be hung easily and quickly from the inside of the building.

These Hangers hold storm sash snugly to the window frame and absolutely prevent rattling.

One Dozen Sets in a Box, with Screws.

SASH FASTENERS

SCHROEDER'S PEERLESS FASTENERS



Wrought Steel, Japanned.

- | | |
|-------------------------|-----------------|
| No. 1719—10 inches Long | Per Dozen Pairs |
| | \$2.50 |

These Fasteners hold the sash firmly and allow the window to be pushed out for cleaning and ventilation.

Weight Per Dozen Pairs 5 Pounds.

One Dozen Pairs in a Box, with Screws.

NUMERAL NAILS



Brass.

For Numbering Window Screens and Storm Windows.

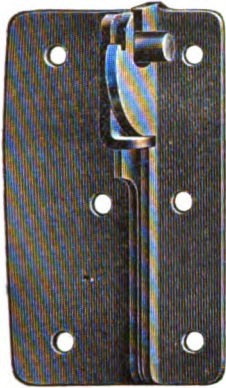
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|---|-------------|
| No. 75—Figures 1 to 25 Inclusive | Per Hundred |
| No. 100—Figures 1 to 50 Inclusive | \$2.00 |
| Weight Per Hundred $\frac{1}{2}$ Pound. | 2.00 |

Open Stock.

Note—Higher Numbers Sent Direct from Factory by Mail.

BASEMENT WINDOW HINGES AND FASTENERS

DIEHL'S SELF-SUPPORTING



No. 22 Basement Window Hinge.



Cut Showing Window Open.



No. 19 Fastener.

These Hinges are the only **Self-Supporting** or **Bracket Hinges** on the market. No Ceiling Hooks or other contrivance needed to hold the window open. It can readily be seen by cut that this Hinge forms a perfect bracket, thereby holding the window at right angle when open. All you have to do is to lift the window and shift it backward and there it stays, when you want to close the window you merely shift it forward and let it down.

The Hinges are very handy for they are separable and the window can be taken off without removing a screw.

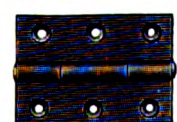
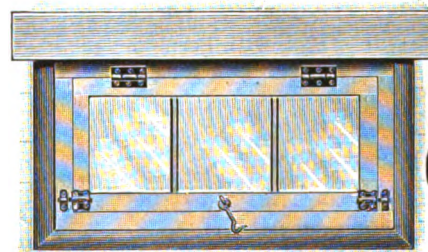
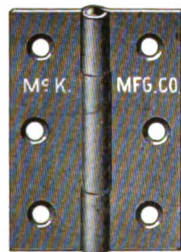
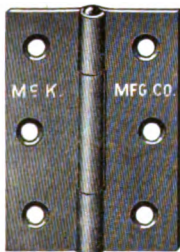
The No. 19 Basement Window Fastener is a non-rattling Fastener and will keep the basement window absolutely tight because of its wedge shape, it forces the window down tightly against the blind stop, the more force from the outside the tighter the window gets.

No. 22—Hinges Only, Wrought Steel, Japanned, with Screws..... Per Dozen Pairs **\$3.00**

No. 19—Fasteners Only, Wrought Steel, Japanned, with Screws..... Per Dozen **\$1.50**

One Dozen in a Box.

BASEMENT WINDOW SETS



No. 4761 Set—Consists of 1 Pair 2½ inch Light Narrow Steel Butts, 1 Steel Sash Lock, 1 Steel Wire Hook and Eye, Galvanized..... Per Dozen Sets **\$2.50**

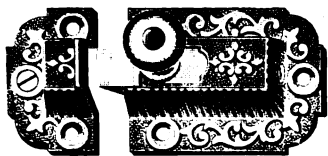
One Set in a Box, with Screws.

No. 006 Set—Consists of 1 Pair 2½ inch Light Pin Steel Butts, 2 Wrought Steel Bolts, 1 Steel Wire Hook and Eye, Galvanized..... Per Dozen Sets **\$3.00**

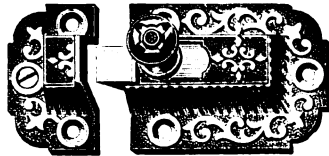
One Set in a Box, with Screws.

CUPBOARD CATCHES

Cuts Half Size.



No. 267.



No. 262.

Cast Iron.

Size $1\frac{1}{2} \times 2$ inches, Triangular Bolt.

	Per Gross
No. 267—Tuscan Bronzed, Porcelain Knob.....	\$13.90
No. 262—Tuscan Bronzed, Bronze Plated Knob.....	12.00
One-sixth Gross in a Box, with Screws.	



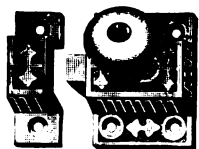
Wrought Steel.

Size $1\frac{3}{8} \times 1\frac{1}{2}$ inches, Triangular Bolt.

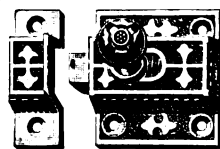
	Per Gross
No. DA2400—Antique Copper, DA Finish.....	\$18.90
No. RB2400—Antique Copper, Sanded, RB Finish....	21.50
No. BNT2400—Bower-Barff, Rustless Iron, BNT Finish	18.90
No. OT2400—Old Brass, OT Finish.....	18.90
No. RD2400—Antique Brass, Sanded, RD Finish....	21.50
One-sixth Gross in a Box, with Screws.	

FRENCH WINDOW CATCHES

Cuts Half Size.



No. 3215.

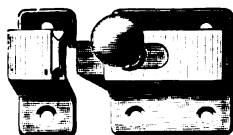


Nos. 3210 and K3410.

Cast Iron.

Size $1\frac{1}{8} \times 1\frac{1}{8}$ inches, Triangular Bolt.

	Per Gross
No. 3215—Tuscan Bronzed, Porcelain Knob.....	\$13.00
No. 3210—Tuscan Bronzed, Bronze Plated Knob....	11.00
No. K3410—Bronze Plated, K Finish, Bronze Plated Knob	17.60
One-sixth Gross in a Box, with Screws.	



Wrought Steel.

Size $1\frac{3}{8} \times 1$ inches, Triangular Bolt.

	Per Gross
No. DA2410—Antique Copper, DA Finish.....	\$17.10
No. OT2410—Old Brass, OT Finish.....	17.10
No. NT2410—Nickel Plated, Bright, NT Finish.....	18.00
One-sixth Gross in a Box, with Screws.	

Wrought Bronze.

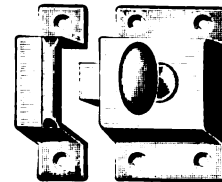
Size $1\frac{3}{8} \times 1$ inches, Triangular Bolt.

	Per Gross
No. N2810P—Nickel Plated, Polished, N Finish.....	\$36.00
One-twelfth Gross in a Box, with Screws.	

Note—Sizes Given do not Include Strike.

CUPBOARD TURNS

Cuts Half Size.



Wrought Steel.

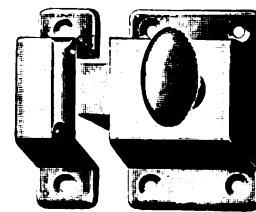
Size $1\frac{7}{8} \times 1\frac{7}{8}$ inches, Oval Knob, Triangular Bolt.

	Per Dozen
No. DA4415—Antique Copper, DA Finish.....	\$3.10
No. OT4415—Old Brass, OT Finish.....	3.10
One Dozen in a Box, with Screws.	

Wrought Bronze.

Size $1\frac{7}{8} \times 1\frac{7}{8}$ inches, Oval Knob, Triangular Bolt.

	Per Dozen
No. N4815P—Nickel Plated, Polished, N Finish.....	\$7.40
Weight Per Dozen 2 Pounds.	
One-half Dozen in a Box, with Screws.	



Wrought Steel.

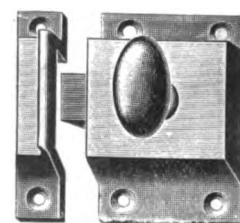
Size $2\frac{1}{8} \times 1\frac{1}{8}$ inches, Oval Knob, Triangular Bolt.

	Per Dozen
No. DA4425—Antique Copper, DA Finish.....	\$2.00
No. RB4425—Antique Copper, Sanded, RB Finish....	2.50
No. OT4425—Old Brass, OT Finish.....	2.00
No. RD4425—Antique Brass, Sanded, RD Finish....	2.50
No. NT4425—Nickel Plated, Bright, NT Finish.....	2.50
No. BNT4425—Bower-Barff, Rustless Iron, BNT Finish.	2.00
One Dozen in a Box, with Screws.	

Wrought Bronze.

Size $2\frac{1}{8} \times 1\frac{1}{8}$ inches, Oval Knob, Triangular Bolt.

	Per Dozen
No. AB4825P—Antique Copper, Polished, AB Finish....	\$8.20
No. OB4825P—Old Brass, Polished, OB Finish.....	8.20
No. RD4825P—Antique Brass, Sanded, RD Finish....	8.20
One-half Dozen in a Box, with Screws.	



Cast Iron.

Size $2\frac{1}{4} \times 1\frac{1}{4}$ inches, Oval Knob, Triangular Bolt.

	Per Dozen
No. AB4405—Antique Copper, Polished, AB Finish....	\$3.60
No. OB4405—Old Brass, Polished, OB Finish.....	3.60
One Dozen in a Box, with Screws.	

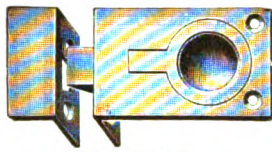
Cast Bronze.

Size $2\frac{1}{4} \times 1\frac{1}{4}$ inches, Oval Knob, Triangular Bolt.

	Per Dozen
No. AB4505P—Antique Copper, Polished, AB Finish....	\$12.00
No. OB4505P—Old Brass, Polished, OB Finish.....	12.00
No. RD4505P—Antique Brass, Sanded, RD Finish....	12.00
One-half Dozen in a Box, with Screws.	

SHOW CASE CATCHES

Cut Half Size.



Cast Brass.

Size $1\frac{3}{8} \times 1\frac{7}{8}$ inches, Flush Ring, Triangular Bolt.

Per Gross

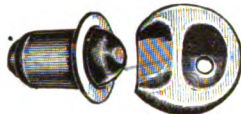
No. 26—Natural Polished, No. 1 Finish.....\$80.00

Weight Per Gross 18 Pounds.

One-sixth Gross in a Box, with Screws.

FRICTION CATCHES

FROST'S



Cut Full Size.

Wrought Brass.

Shell $\frac{1}{8} \times \frac{3}{8}$ inch.

Per Gross

No. 3—Brass, Bright, for Commode, Sideboard and All

Other Small Doors.....\$6.00

One Gross in a Box.



No. 01819.

Cuts Half Size.

Wrought Brass.

Size $1\frac{1}{4} \times \frac{3}{8}$ inches.

Per Dozen

No. 01819—Brass, Bright, Easy Spring...\$1.75

One Dozen in a Box.

Wrought Brass.

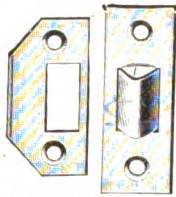
Size $2 \times \frac{3}{4}$ inches.

Per Dozen

No. 01820 — Brass Bright, Easy Spring.....\$2.00

No. 01820½—Brass, Nickel Plated, Easy Spring.....2.75

One Dozen in a Box.



Nos. 01820 and 01820½.

BARN DOOR CATCHES

Cuts Half Size.

SPRING LOCKING ELBOW

GRAVITY LOCKING



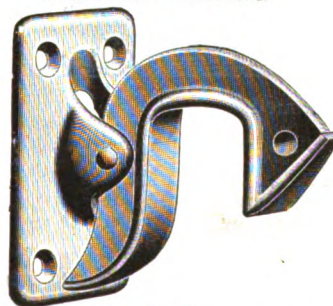
Cast Iron.

Per Gross

No. 6303—Japanned, Complete with Two Strike Plates....\$20.40

Can be used for holding heavy doors and gates open.

One-twelfth Gross in a Box.



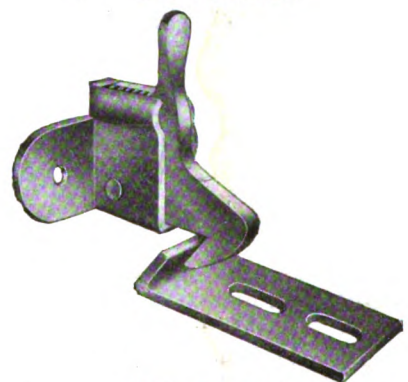
Cast Iron.

Per Gross

No. 6305 — Japanned, $1\frac{1}{2} \times 3\frac{1}{8}$ inch Plates.....\$16.20

Suitable for holding heavy doors, etc., open.

One-twelfth Gross in a Box.



Wrought Steel.

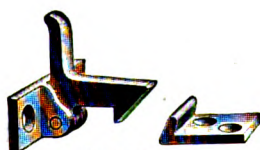
Per Gross

No. 57—Bronze Plated.....\$8.00 Adjustable Strike, making it easy to properly trim door.

One-sixth Gross in a Box.

ELBOW CATCHES

Cuts Half Size.



Cast Iron.

Per Gross

No. 6300—Japanned.....\$6.25

One-sixth Gross in a Box.



Cast Brass.

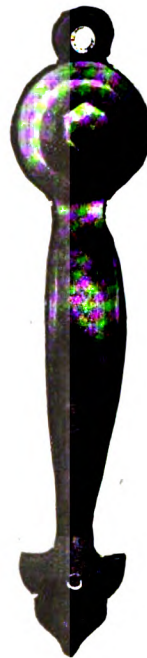
Per Gross

No. 6400—Natural Polished, No. 1 Finish.....\$24.00

One-sixth Gross in a Box, with Screws.

CABINET PUSH CATCHES

Cut Full Size.



Cut Shows Catch Applied.

Wrought Brass.

Size $3\frac{1}{4} \times \frac{3}{4}$ inches.

Per Single Dozen

No. AB1812—Antique Copper, Polished, AB Finish....\$4.50

No. OB1812—Old Brass, Polished, OB Finish.....4.50

No. N1812—Nickel Plated, Polished, N Finish.....5.00

One Dozen in a Box, with Screws.

ELBOW CATCHES

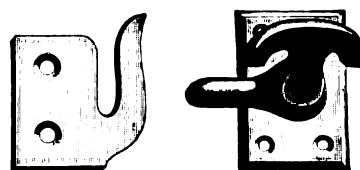
Cuts Full Size.

CASEMENT FASTENERS

Cuts Half Size.



Right or Left Hand.



Cast Iron.

With Rim Strike, Size (without Strike) $1\frac{1}{8} \times 1\frac{1}{8}$ inches.
Per Dozen

No. AB42—Antique Copper, Polished, AB Finish.....\$3.00
No. OB42—Old Brass, Polished, OB Finish..... 3.00

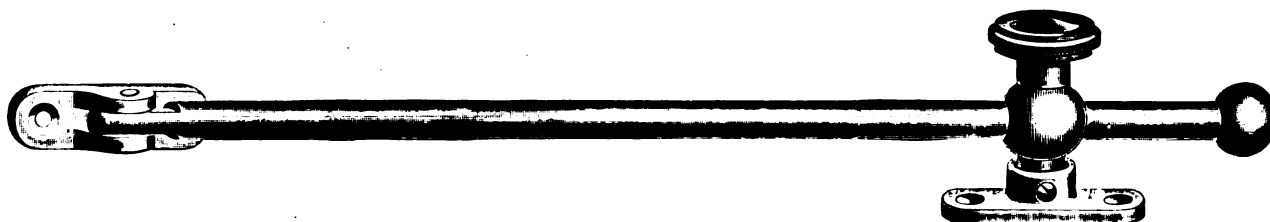
One Dozen in a Box, with Screws.

Cast Bronze.

With Rim Strike, Size (without Strike) $1\frac{1}{8} \times 1\frac{1}{8}$ inches.
Per Dozen

No. AB48P—Antique Copper, Polished, AB Finish....\$10.00
No. OB48P—Old Brass, Polished, OB Finish..... 10.00
No. RD48P—Antique Brass, Sanded, RD Finish..... 10.00
One Dozen in a Box, with Screws.

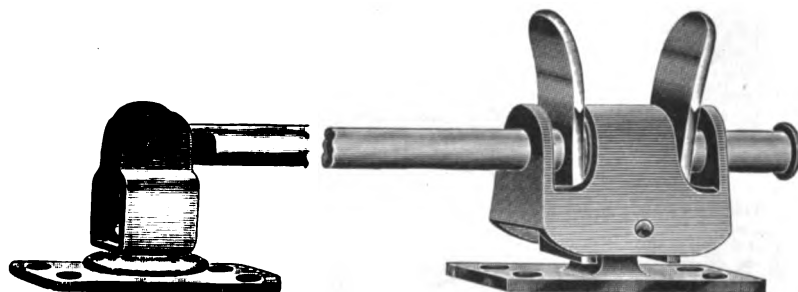
CASEMENT WINDOW ADJUSTERS



Steel Rod, Iron Mountings.
 $\frac{3}{8}$ inch Rod, 12 inches Long, Right or Left Hand.

No. DA64—Antique Copper, DA Finish..... Per Dozen \$9.00
No. OT64—Old Brass, OT Finish..... 9.00
No. RD64—Antique Brass, Sanded, RD Finish..... 9.00
One-quarter Dozen in a Box, with Screws.

PAYSON'S UNIVERSAL



Steel Rod, Iron Trimmed.

Operates Bottom, Side or Center Hung, Opening in or Out.

Length, Inches	12	15
No. AB1—Antique Copper, AB Finish..... Per Dozen,	\$15.00	16.00
No. OB1—Old Brass, OB Finish..... Per Dozen,	15.00	16.00
No. RD1—Antique Brass, Sanded, RD Finish.. Per Dozen,	18.00	19.00

The only Adjuster made to handle all classes of hinged or pivoted sash, swinging either in or out.

The lock is automatic and requires no effort in locking or unlocking, and has no thumb screw to wear out. Allows no looseness or play of sash in any position.

Weight Per Dozen 7 Pounds.
One-half Dozen in a Box, with Screws.



Fig. 1—Center Pivoted, Swivel on sill. Position also for Sash Swinging Out. Short Rod Required.

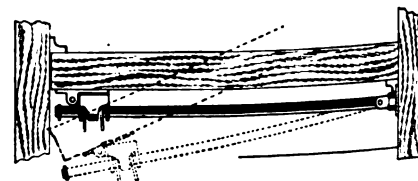


Fig. 2—Bottom, Top or Side Hinge. Swinging in. Lock Near End of Rod. Foot on Sill or Casing.

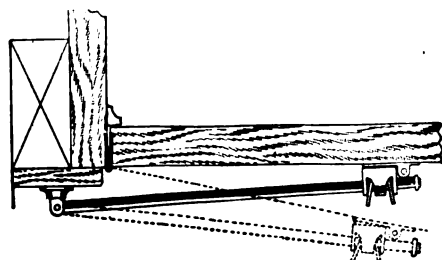


Fig. 4—Bottom, Top or Side Hinged. Swinging in. Foot on Trim.

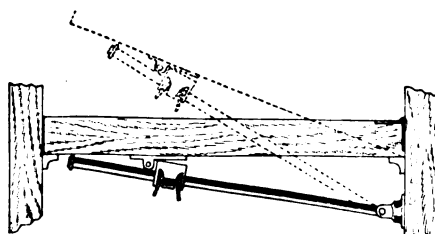


Fig. 5—Bottom, Top or Side Hinged. Swinging Out. Lock 4 or 5 inches from End of Rod. Foot on Sill or Casing.

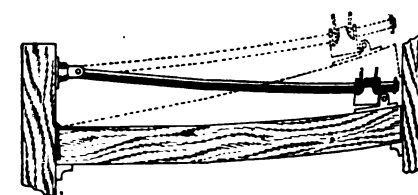
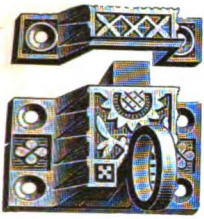


Fig. 3—Center Pivoted. Lock Near End of Rod. Foot on Casing. Longer Rod Required than in Fig. 1.

The Above Cuts Show Ways of Applying.

TRANSOM CATCHES

Cuts Half Size.



Cast Iron, Bronzed, Rim Strike.
Size $1\frac{7}{8} \times 1\frac{1}{8}$ inches.

	Per Gross
No. T3443A—Tuscan Bronzed, T Finish	\$20.00
No. K3443A—Bronze Plated, K Finish	30.00

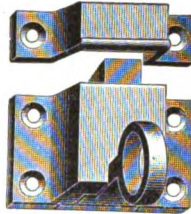
One-sixth Gross in a Box, with Screws.

No. 3443A.

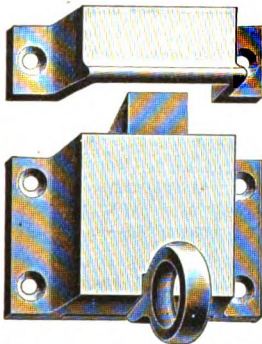
Cast Iron, Plated, Rim Strike.
Size $1\frac{7}{8} \times 1\frac{1}{8}$ inches.

	Per Gross
No. AB3443—Antique Copper, Polished, AB Finish	\$50.00
No. OB3443—Old Brass, Polished, OB Finish	50.00
No. BB3443—Bower-Barff, Rustless Iron, BB Finish	60.00

One-sixth Gross in a Box, with Screws.



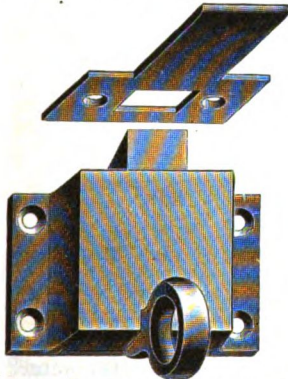
No. 3443.



Malleable Iron, for Heavy Work, Rim Strike.
Size $2\frac{3}{4} \times 1\frac{3}{4}$ inches.

	Per Gross
No. T3477—Tuscan Bronzed, T Finish	\$40.00

One-twelfth Gross in a Box, with Screws.



Malleable Iron, for Heavy Work, Flat Strike.
Size $2\frac{3}{4} \times 1\frac{3}{4}$ inches.

	Per Gross
No. T3478—Tuscan Bronzed, T Finish	\$40.00

One-twelfth Gross in a Box, with Screws.

TRANSOM BOLTS

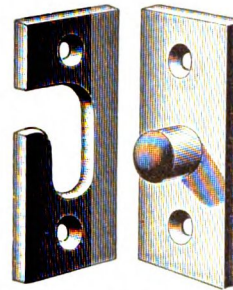
Cuts Half Size.



Wrought Steel, with Straight and Strap Staples, Size $3\frac{1}{2}$ inches Long Over All, Plate 2 inches Long, 1 inch Wide.	Per Dozen
No. 1165J—Japanned	\$7.00
Cold Forged Bolt, Wrought Cold Rolled Steel Case and Staple, Best Grade Plano Wire Spring, Large Ring Handle.	
One Dozen in a Box, with Screws.	

SASH CENTERS OR TRANSOM PLATES

Cuts Half Size.



Half Set.

Cast Iron.

Size of Plate $2\frac{1}{4} \times 1\frac{1}{8}$ inches; Length of Stem $\frac{1}{4}$ inch, Diameter of Stem $\frac{3}{8}$ inch, Open Slot.

	Per Dozen Sets
No. 22—Japanned	\$0.70

A Set Consists of 4 Pieces.

Three Dozen Sets in a Box.



Half Set.

Cast Iron.

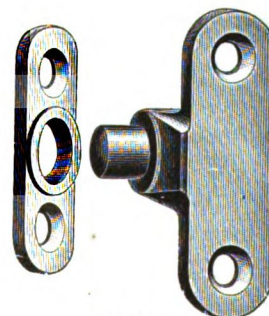
Size of Plate $2\frac{1}{4} \times \frac{3}{4}$ inches, Length of Stem $\frac{3}{8}$ inch, Diameter of Stem $\frac{3}{8}$ inch, Center of Stem to Face $\frac{3}{4}$ inch.

	Per Dozen Sets
No. 51—Coppered, without Screws	\$0.95
No. DA51—Antique Copper, DA Finish, with Screws...	2.00

Size of Plate $2\frac{5}{8} \times \frac{7}{8}$ inch, Length of Stem $\frac{1}{2}$ inch, Diameter of Stem $\frac{3}{8}$ inch, Center of Stem to Face $\frac{7}{8}$ inch.

	Per Dozen Sets
No. 52—Coppered, without Screws	\$1.40
No. DA52—Antique Copper, DA Finish, with Screws...	2.50

One Dozen Sets in a Box.



Half Set.

Cast Iron.

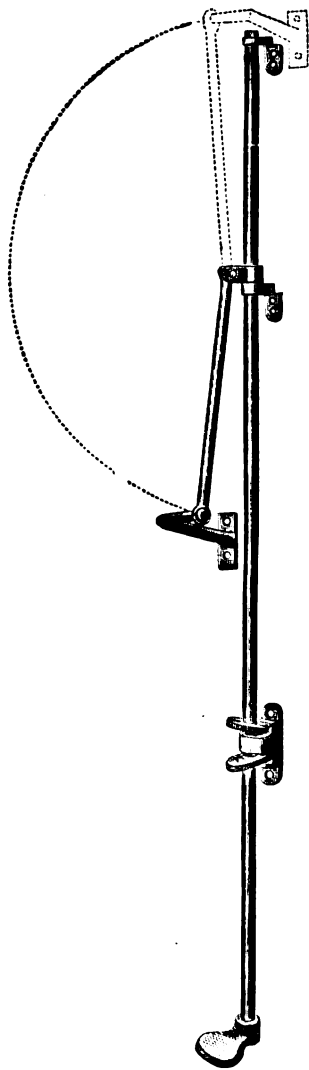
Size of Plate $3\frac{1}{4} \times 1$ inches, Length of Stem $\frac{5}{8}$ inch, Diameter of Stem $\frac{1}{2}$ inch, Center of Stem to Face 1 inch.

	Per Dozen Sets
No. 53—Coppered, without Screws	\$2.20
No. DA53—Antique Copper, DA Finish, with Screws...	4.30

One Dozen Sets in a Box.

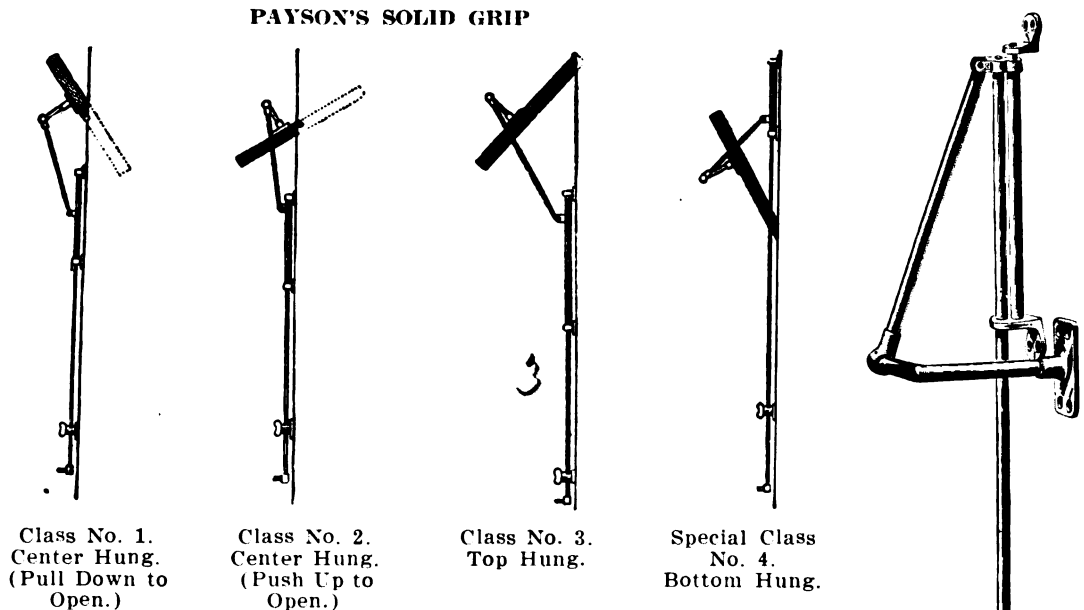
TRANSOM LIFTERS

PAYSON'S SOLID GRIP



Class No. 3.

Showing How Lifter is Reversed from a Right Hand Bottom Hung to Left Hand Top Hung.

Class No. 1.
Center Hung.
(Pull Down to
Open.)Class No. 2.
Center Hung.
(Push Up to
Open.)Class No. 3.
Top Hung.Special Class
No. 4.
Bottom Hung.

Steel Brackets, Steel Locks and Brass Trimmings.

For Transoms Hinged at Top or Bottom or Hung on Centers.

"Solid Grip" Lifters will lock instantly at any point the hand leaves it. Any lifter is adapted for either top, bottom or center hung transoms. Bottom hung transoms require a lifter 18 inches longer than top or center hung. We recommend Special Class 4 for very heavy bottom hung transoms.

CLASSES 1, 2 AND 3

Bronzed Iron.

Rod $\frac{1}{4}$ inch Diameter.

Nos.	643	644
Length, Feet	3	4
Each	\$0.55	.55

Rod $\frac{3}{8}$ inch Diameter.

Nos.	325	326	328
Length, Feet...	5	6	8
Each	\$1.50	1.70	2.10

Rod $\frac{1}{2}$ inch Diameter.

Nos.	314	315	316
Length, Feet...	4	5	6
Each	\$1.00	1.15	1.25

Rod $\frac{1}{2}$ inch Diameter.

Nos.	336	338
Length, Feet	6	8
Each	\$3.20	3.70

★Plated Antique Copper, DA Finish on Steel, with Screws.

Rod $\frac{1}{4}$ inch Diameter.

Nos.	DA203	DA204
Length, Feet	3	4
Each	\$0.95	1.05

Rod $\frac{3}{8}$ inch Diameter.

Nos.	DA214	DA215	DA216
Length, Feet	4	5	6
Each	\$1.30	1.50	1.70

Rod $\frac{3}{8}$ inch Diameter.

Nos.	DA225	DA226	DA228
Length, Feet	5	6	8
Each	\$1.80	2.05	2.60

Rod $\frac{1}{2}$ inch Diameter.

No.	DA236	DA238
Length, Feet	6	8
Each	\$4.05	4.65

★For Plated Lifters, in OT Old Brass Finish, Prefix OT to Number.

★For Plated Lifters, in RD Antique Brass, Sanded, Prefix RD to Number.

Above Prices for Plated Lifters are for All Finishes.

Note—We can furnish to order the Plated Lifters in any of the standard finishes at same list price as above plated lifters.

CLASS 4

Bronzed Iron.

Rod $\frac{3}{8}$ inch Diameter.

Nos.	414	415
Length, Feet	4	5
Each	\$1.20	1.35

Rod $\frac{1}{2}$ inch Diameter.

Nos.	425	426
Length, Feet	5	6
Each	\$1.80	2.00

Plated Antique Copper, DA Finish on Steel, with Screws.

Rod $\frac{3}{8}$ inch Diameter.

Nos.	DA414	DA415
Length, Feet	4	5
Each	\$1.55	1.80

Rod $\frac{1}{2}$ inch Diameter.

Nos.	DA425	DA426
Length, Feet	5	6
Each	\$2.15	2.45

Plated Old Brass, OT Finish on Steel, with Screws.

Rod $\frac{3}{8}$ inch Diameter.

Nos.	OT414	OT415
Length, Feet	4	5
Each	\$1.55	1.80

Rod $\frac{1}{2}$ inch Diameter.

Nos.	OT425	OT426
Length, Feet	5	6
Each	\$1.55	1.80

TRANSOM LIFTERS

SIMPLEX

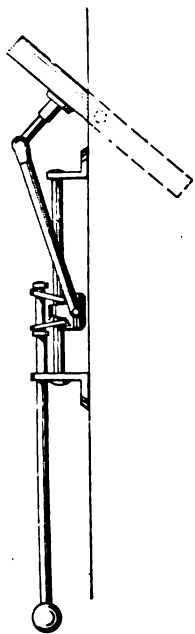


Fig. No. 1.
Applied to Side Pivoted
Transom Opening in at Top.

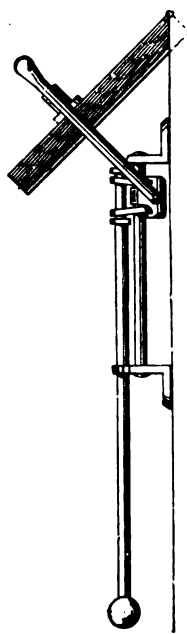


Fig. No. 2.
Applied to Top Hung
Transom. Opening in.

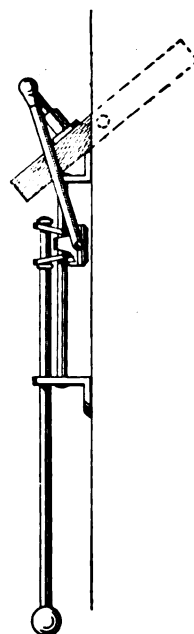


Fig. No. 3.
Applied to Side Pivoted
Transom Opening in at
Bottom.

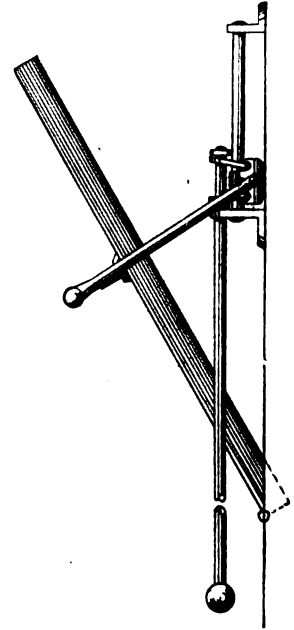


Fig. No. 4.
Applied to Bottom Hung
Transom.
Opening in.

Illustration Showing Method of Applying Simplex Transom Lifters to All Styles of Transoms.

THE SIMPLEX TRANSOM LIFTER

It is an entirely new departure in Lifters.
Its superiority is at once seen.
Has greater strength than any other, as the lock
is up beside the sash.
One Lift Operates all styles of Transoms.
Locks automatically and securely; no need of
Transom chains.
The method of opening the sash is a straight
push or pull with one hand.

The Lifter is up out of the way, as all that is
needed is the push or pull.
Does not mar the trim below the Transoms.
Is more easily put up, requiring about half the
number of screws and half the time.
Approved by the best architects.
It is so simple in operation that a child can
manage.

Wrought Steel, Polished.

Steel Rod $\frac{1}{4}$ inch Diameter.

Length, Feet	4	
No. AB10—Antique Copper, Polished, AB Finish.....	Each,	\$1.00
No. OB10—Old Brass, Polished, OB Finish.....	Each,	1.00
No. RD10—Antique Brass, Sanded, RD Finish.....	Each,	1.00

Steel Rod $\frac{5}{16}$ inch Diameter.

Length, Feet	4	5
No. AB11—Antique Copper, Polished, AB Finish.....	Each,	\$2.55
No. OB11—Old Brass, Polished, OB Finish.....	Each,	2.55
No. RD11—Antique Brass, Sanded, RD Finish.....	Each,	2.80
		3.15

Packed with Screws.

TRANSOM CHAINS

Wrought Steel.

Length of Chain 12 inches.

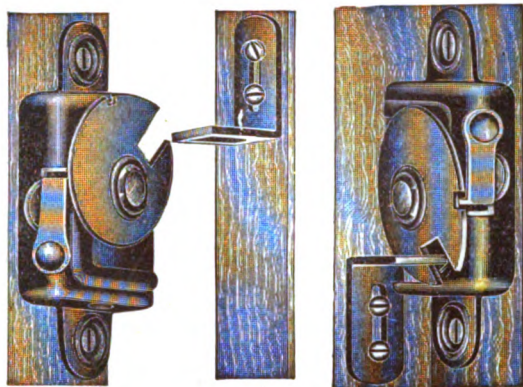
No. DA61—Antique Copper, DA Finish.....	Per Dozen	\$3.00
No. OT61—Old Brass, OT Finish.....		3.00

One Dozen in a Box, with Screws.



SCREEN DOOR CATCHES

WATROUS

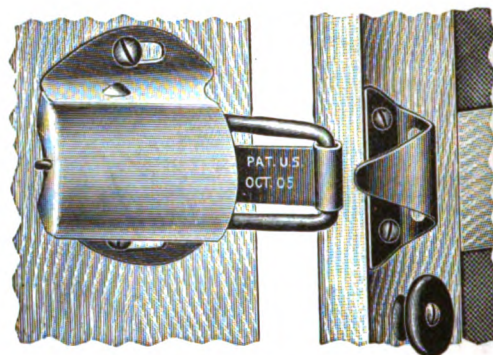


With Positive Lock.

✓ No. 21—3 1/2 x 1 3/8 inches, Wrought Steel, Enclosed Tempered Steel Springs, Japanned.....\$2.75
The latest and best Screen Door Catch, case comes flush on door jamb, adjustable strike, light trip and strong hold, the Positive Lock does away with any other fastening.
One Dozen in a Box, with Screws.

Per Dozen

BEST AUTOMATIC

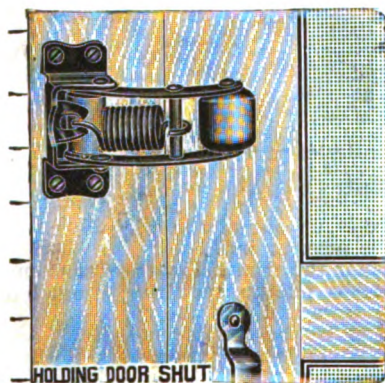


No. 1—Wrought Steel, Tempered Steel Springs, Japanned\$1.75
The best Self-Acting Catch made, for screens, storm and all light or heavy doors, strong, simple, neat, attractive, reliable and durable.

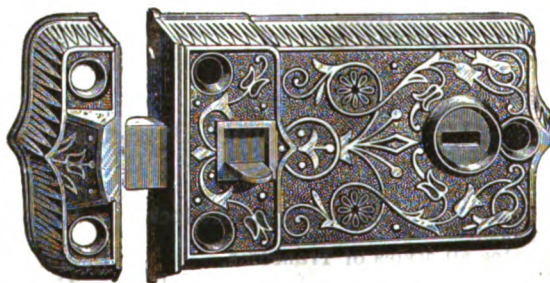
Per Dozen

One Dozen in a Box, with Screws.

SUPERIOR



HOLDING DOOR SHUT



Superior—Heavy Sheet Steel Frame, Japanned, Well Riveted Together, Oil Tempered Steel Spring, Solid Rubber Bumper, with Metal Bushing to Prevent Wearing on Axle, Complete with Strike Plate.....\$3.50
Adapted for Screen Doors, Storm Doors and any door up to 1 1/2 inches thick. It works automatically, holds the door lightly closed and prevents sagging, rattling or warping.
One Dozen in a Box, with Screws.

Per Dozen

SUN

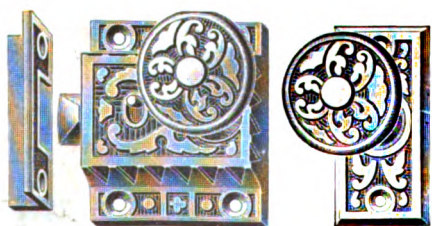


No. 78—2 1/4 x 3 1/2 inches, Ornamental Bronzed Case, 2 inch Bronzed Knobs, Iron Bolt and Stop on Latch,

Per Dozen

Can be Used on Screen and Light Doors.....\$4.50

One-half Dozen in a Box, with Screws.

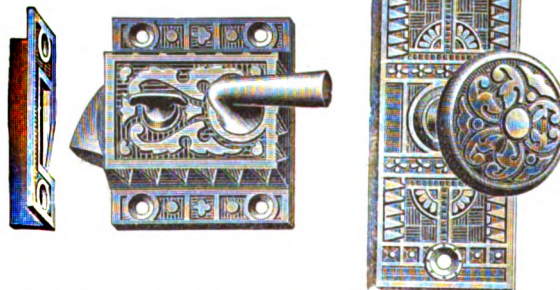


Cast Iron, Triangular Bolt, Reverse Bevel, Bent Strike, with Knobs.

Size of Case 2 1/4 x 1 7/8 inches.

No. T6440—Tuscan Bronzed, for Doors 7/8 to 1 3/8 inches Thick\$3.50
No. K6440—Bronzed Plated, K Finish, for Doors 7/8 to 1 3/8 inches Thick6.50
One-half Dozen in a Box, with Screws.

Per Dozen



Cast Iron, Diamond Bolt, Reverse Bevel, Bent Strike, with Knob for Outside, Lever Handle for Inside.

Size of Case 2 1/4 x 1 7/8 inches.

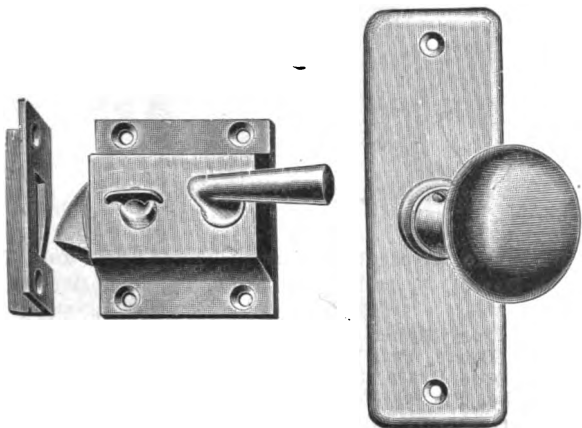
No. K5565A—Bronze Plated, K Finish, for Doors 7/8 to 1 1/4 inches Thick.....\$7.00

Per Dozen

One-half Dozen in a Box, with Screws.

SCREEN DOOR CATCHES

Cuts Half Size.

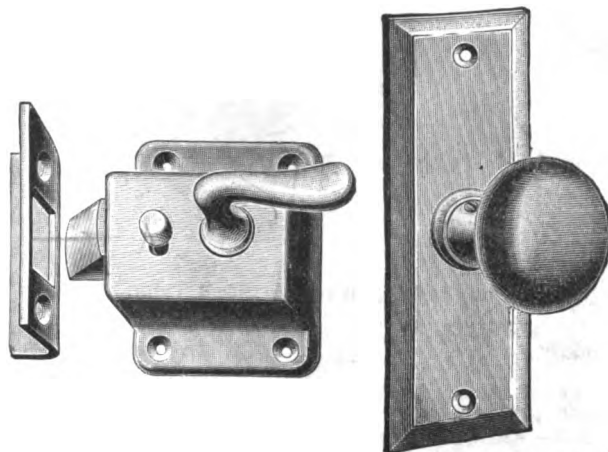


Cast Iron, Diamond Bolt, Reverse Bevel, Bent Strike, with Knob for Outside, Lever Handle for Inside.
Size of Case $2\frac{1}{4} \times 1\frac{1}{8}$ inches.

- No. AB5464—Antique Copper, Polished, AB Finish, for Doors $\frac{7}{8}$ to $1\frac{1}{8}$ inches Thick.....\$12.00
No. OB5464—Old Brass, Polished, OB Finish, for Doors $\frac{7}{8}$ to $1\frac{1}{8}$ inches Thick..... 12.00

Weight Per Dozen 12 Pounds.

One-half Dozen in a Box, with Screws.



Wrought Steel, Easy Spring, Reverse Bevel Bent Strike, with Knob for Outside, Lever Handle for Inside.

Size of Case $2\frac{3}{8} \times 1\frac{1}{8}$ inches. Per Dozen

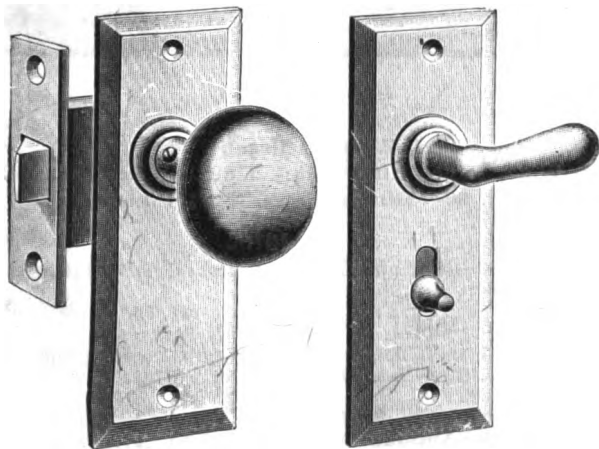
- No. AB6464—Antique Copper, Polished, AB Finish, for Doors $\frac{7}{8}$ to $1\frac{1}{8}$ inches Thick.....\$12.00
No. OB6464—Old Brass, Polished, OB Finish, for Doors $\frac{7}{8}$ to $1\frac{1}{8}$ inches Thick..... 12.00

Weight Per Dozen 14 Pounds.

One-half Dozen in a Box, with Screws.

MORTISE SCREEN DOOR LATCHES

Cuts Half Size.



Steel Trim, Iron Latch Front, with Knob for Outside, Lever Handle for Inside.

- No. AB5475TC—Antique Copper, Polished, AB Finish...\$1.25
No. OB5475TC—Old Brass, Polished, OB Finish..... 1.25
No. RD5475TC—Antique Brass, Sanded, RD Finish.... 1.40
No. BC5475TC—Rustless Iron, BC Finish..... 1.40

Latch— $1\frac{3}{8} \times 1\frac{3}{4}$ inch Japanned Iron Case, $1\frac{1}{4}$ inch Backset, $2\frac{5}{8} \times 1\frac{1}{2}$ inch Plated Iron Front, Reversible, for Doors $\frac{7}{8}$ to $1\frac{1}{2}$ inches.

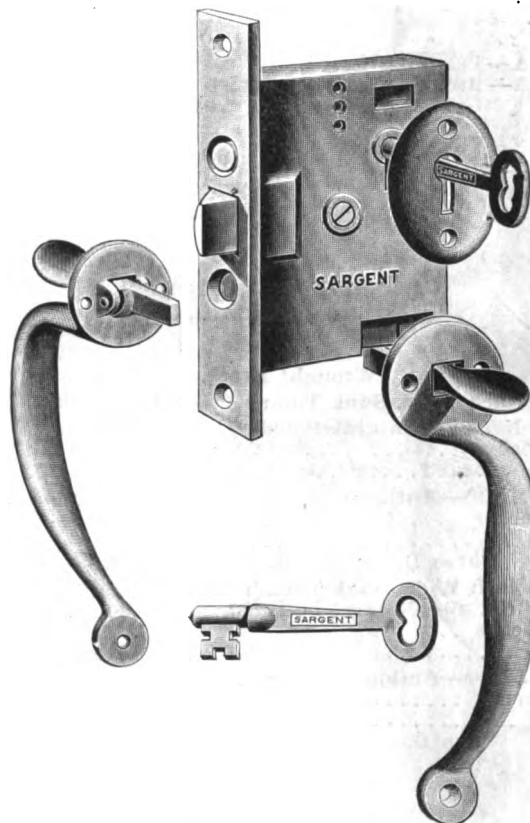
Escutcheons— $4\frac{1}{2} \times 1\frac{1}{2}$ inches, Wrought Steel, $1\frac{3}{4}$ inch Knob Outside with $2\frac{1}{8}$ inch Projection from Door, $1\frac{3}{4}$ inch Lever Handle Inside, with $1\frac{1}{4}$ inch Projection from Door.

Operated—From Both Sides by Knob and Lever Handle, Both Knob and Lever Handle are Set by Slide Stop.

One Set in a Box, with Screws.

MORTISE SCREEN DOOR NIGHT LATCHES

Cuts Half Size.



Brass Trim, Brass Latch Front, Two Handles, One for Each Side of Door. Per Set

- No. OB5908—Old Brass, Polished, OB Finish.....\$3.00
Latch— $3 \times 1\frac{1}{2}$ inch Japanned Iron Case, $1\frac{1}{2}$ inch Backset, $4\frac{1}{4} \times \frac{3}{4}$ inch Wrought Brass Front, Reversible, for Doors $\frac{7}{8}$ to $1\frac{1}{2}$ inches, 2 Nickel Plated Steel Keys.

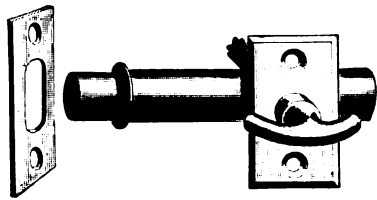
Handles—Size $5\frac{1}{2}$ inches with $1\frac{1}{2}$ inch Projection, Key Escutcheon $1\frac{1}{2} \times 1\frac{3}{8}$ inches.

Operated—From Both Sides by Thumb Piece, from Outside by Key, Outside Thumb Piece is Set by Stop in Face of Latch.

Weight Per Set 2 Pounds.

One Set in a Box, with Screws.

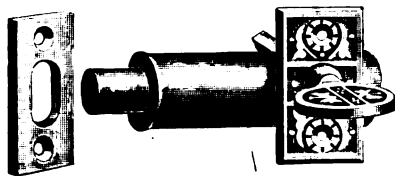
MORTISE DOOR BOLTS



Wrought Bolt, Wrought Steel Trim.

$\frac{3}{4}$ x $2\frac{3}{4}$ inch Case, $1\frac{1}{2}$ x 1 inch Thumb Knob Plate, $1\frac{1}{8}$ inch Backset.

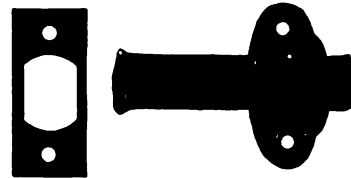
	Per Dozen
No. AB266—Antique Copper, Polished, AB Finish.....	\$4.50
No. OB266—Old Brass, Polished, OB Finish.....	4.50
No. RD266—Antique Brass, Sand Finish, RD Finish....	4.50
No. BB266—Bower-Barff, Rustless Iron, BB Finish....	5.00
One Dozen in a Box, with Screws.	



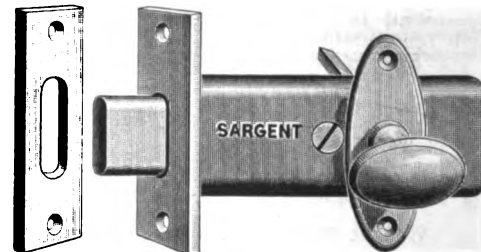
Cast Iron Bolt, Iron Trim.

$\frac{3}{4}$ x $2\frac{1}{2}$ inch Case, $1\frac{1}{2}$ x $\frac{7}{8}$ inch Thumb Knob Plate, 2 inch Backset.

	Per Dozen
No. T274A—Tuscan Bronzed, T Finish.....	\$2.35
No. K274A—Bronze Plated, K Finish.....	3.00
One Dozen in a Box, with Screws.	

Steel Bolt, Milled Gear, Brass Barrel, Oval Knob and Rose.
2 $\frac{1}{2}$ inch Barrel, $\frac{1}{2}$ inch Bolt Throw, $1\frac{1}{8}$ inch Backset.

	Per Dozen
No. 602—Antique Copper, Polished.....	\$5.00
No. 604—Old Brass, Polished.....	5.00
No. 606—Antique Brass, Sand Blast.....	5.00
No. 609—Nickel Plated, Polished.....	5.00
One Dozen in a Box, with Screws.	



Cast Bolt, Cast Bronze Trim.

$1\frac{1}{4}$ x $3\frac{1}{2}$ inch Japanned Iron Case, $2\frac{1}{2}$ x $1\frac{1}{8}$ inch Cast Bronze Front, $2\frac{1}{4}$ x $\frac{7}{8}$ inch Thumb Knob Plate, $2\frac{1}{2}$ inch Backset.

	Per Dozen
No. AB289P—Antique Copper, Polished, AB Finish....	\$11.00
No. OB289P—Old Brass, Polished, OB Finish.....	11.00
One Dozen in a Box, with Screws.	

FLUSH BOLTS



Wrought Brass.

$\frac{3}{8}$ inch Wide, Sunk Thumb Piece, Round Bolt.

No. 30—Natural Polished, No. 1 Finish.

Length, Inches	2 $\frac{1}{4}$	3	4
Per Dozen	\$1.85	2.20	3.00

No. AB30—Antique Copper, Polished, AB Finish.

Length, Inches	2 $\frac{1}{4}$	3	4
Per Dozen	\$3.10	3.35	

Three Dozen in a Box, with Screws.

$\frac{1}{2}$ inch Wide, Sunk Thumb Piece, Round Bolt.

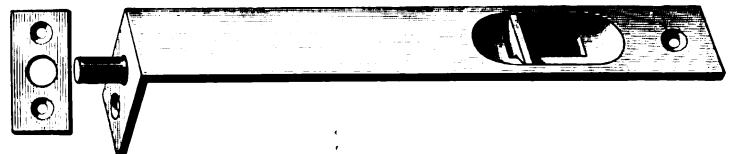
No. 40—Natural Polished, No. 1 Finish.

Length, Inches	4	5	6
Per Dozen	\$3.35	4.25	4.75

No. AB40—Antique Copper, Polished, AB Finish.

Length, Inches	4	5	6
Per Dozen	\$4.65	5.50	

Two Dozen in a Box, with Screws.



Wrought Brass.

$\frac{3}{8}$ inch Wide, 1 inch Angle, Sunk Thumb Piece, Round Bolt.

No. 50—Natural Brass, No. 1 Finish.

Length, Inches	4	6	8
Per Dozen	\$5.00	6.50	9.50

No. AB50—Antique Copper, Polished, AB Finish.

Length, Inches	4	6	8
Per Dozen	\$6.75	8.00	

One Dozen in a Box, with Screws.

$\frac{1}{2}$ inch Wide, 1 inch Angle, Sunk Thumb Piece, Round Bolt.

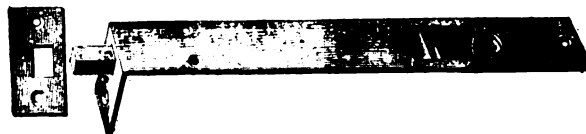
No. 60—Natural Brass, No. 1 Finish.

Length, Inches	6	8	10	12
Per Dozen	\$7.50	10.25	14.00	17.00

No. AB60—Antique Copper, Polished, AB Finish.

Length, Inches	6	8	10	12
Per Dozen	\$9.00	13.00		

6 to 12 inch, One Dozen; 12 inch, One-half Dozen in a Box, with Screws.



Wrought Steel.

1 inch Wide, $1\frac{1}{2}$ inch Angle, Sunk Thumb Piece, $\frac{3}{8}$ inch Square Bolt.

No. AB144—Antique Copper, Polished, AB Finish.

Length, Inches	6	9	12
Per Dozen	\$10.50	14.00	16.00

No. OB144—Old Brass, Polished, OB Finish.

Length, Inches	6	9	12
Per Dozen	\$10.50	14.00	16.00

6 and 9 inch, One Dozen; 12 inch, One-half Dozen in a Box.

CREMORNE BOLTS

FOR CASEMENT OR FRENCH WINDOWS, OPENING IN OR OUT



Cast Iron, Bronze T Handle.

5 $\frac{5}{8}$ x 1 $\frac{1}{2}$ inch Handle Case, 1 $\frac{3}{4}$ x 1 $\frac{5}{8}$ inch End Guides, $\frac{5}{8}$ inch Half Round Rod.

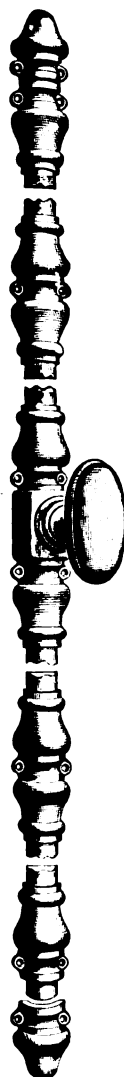
Each

No. DA4226 — Antique Copper, DA Finish \$6.50
 No. OT4226 — Old Brass, OT Finish 6.50

Furnished Complete with Guides and Any Length of Rod.

Note—In Ordering, Specify the Height of Window and Width of Stile, Distance Desired from Bottom of Window to Center of T Handle, Whether Casement is Flush or Recessed, Whether Window Opens In or Out.

One in a Box, with Screws;
 Rods Separate.



Wrought Bronze, Oval Cast Bronze Knob.

4 $\frac{3}{4}$ x 1 $\frac{5}{8}$ inch Handle Case, 1 $\frac{3}{4}$ x 1 $\frac{5}{8}$ inch End Guides, $\frac{5}{8}$ inch Half Round Rod.

Each

No. OB2178 — Old Brass, Polished, OB Finish \$14.00
 No. RD2178 — Antique Brass, Sanded, RD Finish 14.00

Furnished Complete with Guides and Any Length of Rod.

Note—In Ordering, Specify the Height of Window and Width of Stile, Distance Desired from Bottom of Window to Center of Knob, Whether Casement is Flush or Recessed, Whether Window Opens In or Out.

One in a Box, with Screws;
 Rods Separate.



No. 1.

No. 2.

Wrought Steel, Cast Brass Egg Shaped Handle, Polished Rod.

Plates 1 $\frac{3}{8}$ inch Wide, $\frac{5}{8}$ inch Half Round Bolt.

Each

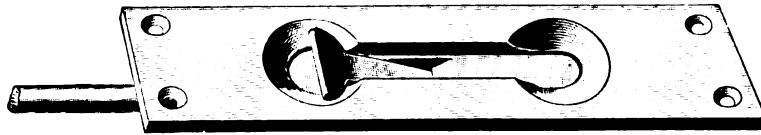
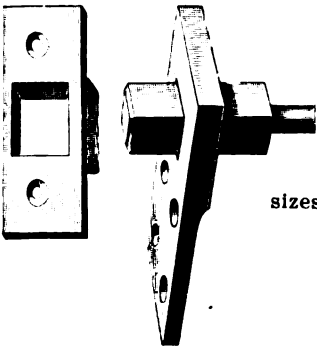
No. 372D2 — Antique Copper Finish \$5.50
 No. 372F — Dull Brass Finish 5.50
 No. 372SF4 — Antique Brass, Sand Finish 6.00

Furnished Complete with Two Center Guides, Two End Guides, Two No. 2 Staples One No. 1 Staple and Any Length Rod.

Note—In Ordering, Specify Either the Exact Length of Door or Window, or the Length of Rod Wanted.

One in a Box, with Screws;
 Rods in Paper Package.

EXTENSION FLUSH BOLTS



The whole length of Rod is furnished (complete in one piece, with bolt head attached) as per sizes given. The bolt can be used equally well for either top or bottom of door.

FLUSH LEVER

Plate $1\frac{1}{4} \times 6\frac{3}{4}$ inches, Guide $1\frac{1}{2} \times 2\frac{3}{8}$ inches, Bolt $\frac{1}{2}$ inch Square, Heavy.

Cast Iron, Bronze Lever.

No. AB1114—Antique Copper, Polished, AB Finish.			
Inches	12	18	24
Per Dozen	\$18.00	18.00	18.00
No. OB1114—Old Brass, Polished, OB Finish.			
Inches	12	18	24
Per Dozen	\$18.00	18.00	18.00
No. RD1114—Antique Brass, Sand Finish, RD Finish.			
Inches	12	18	24
Per Dozen	\$19.00	19.00	19.00
No. BB1114—Bower-Barff, Rustless Iron, BB Finish.			
Inches	12	18	24
Per Dozen	\$25.00	25.00	25.00

Cast Bronze.

No. AB1116—Antique Copper, Polished, AB Finish.			
Inches	12	18	24
Per Dozen	\$28.00	28.00	28.00
No. OB1116—Old Brass, Polished, OB Finish.			
Inches	12	18	24
Per Dozen	\$28.00	28.00	28.00
No. RD1116—Antique Brass, Sanded, RD Finish.			
Inches	12	18	24
Per Dozen	\$28.00	28.00	28.00

One-sixth Dozen in a Box, with Screws.

FIRE EXIT BOLTS

GRAVITY LOCKING

For Doors Used for Exit Only, Opening Out.

Side View of Top Case Showing Auxiliary Latch.

$2\frac{1}{4} \times 2$ inch Rod End Bracket, $1\frac{1}{4} \times 2$ inch Outer End Bracket, $1\frac{1}{8} \times 1\frac{1}{2}$ inch Guide, $2\frac{1}{2} \times 2\frac{1}{8}$ inch Top Case, $2\frac{1}{4} \times 1\frac{1}{2}$ inch Top Strike, $\frac{3}{4}$ inch to Center of Opening, $2\frac{3}{4} \times 1\frac{1}{4}$ inch Bottom Strike, $\frac{5}{8}$ inch to Center of Opening, $\frac{1}{2}$ inch Rod, $\frac{3}{4}$ inch Handle Bar, for Stiles not Less than 3 inches Wide, for Doors 8 feet High, 3 inches Wide, 3 feet High from Floor to Handle Bar, Reversible.

	Each
No. J5244—Cast Iron, Steel Tubing and Rods, Ivory Black Finish, Unpolished Brass Arms, End Plugs, Guide and Working Parts in Top Case	\$16.00
No. D5248—Brass, Natural Color, Unpolished	23.00
No. 5248—Brass, Natural Color, Highly Polished	27.50

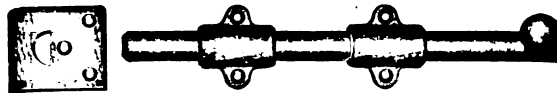
Operation—Both top and bottom bolts are operated from inside of door only by slight pressure on the handle bar at any point. Inclosed in the top case is a device which holds the ends of the rod in position when they are withdrawn from the strikes by the operation of the handle bar, so that the door may be swung over a carpeted, marble or tile floor. When the door is closed the rod is instantly released by the auxiliary latch and returns, by gravity, to its locked position.

Cannot be operated from the outside of door and no hardware is required on the outside.

These Bolts are furnished regularly for doors 8 feet high and 3 feet wide. For smaller doors, the upper vertical rod and the handle bar may be cut off. Can be furnished to order for large doors.

Weight Each 16 Pounds.
One in a Box, with Screws.

SURFACE BOLTS



Cast Iron Knob, Guide Plates and Strike Wrought Steel Half Round Rod, $1\frac{1}{2}$ inch Guide Plate, $\frac{1}{2}$ inch Rod.			
No. ABP2861—Antique Copper, Polished, AB Finish.			
Length, Inches	4	6	9
Wt. Per Dozen, Lbs.	3	4 $\frac{1}{2}$	7 $\frac{1}{2}$
Per Dozen	\$9.00	11.00	12.00
No. OBP2861—Old Brass, Polished, OB Finish.			
Length, Inches	4	6	9
Per Dozen	\$9.00	11.00	12.00

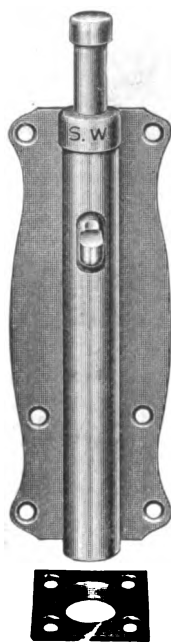
Cast Bronze Knob, Guide Plates and Strike, Wrought Bronze Half Round Rod, $1\frac{1}{2}$ inch Guide Plates, $\frac{1}{2}$ inch Rod.			
No. AB2861—Antique Copper, Polished, AB Finish.			
Length, Inches	4	6	9
Wt. Per Dozen, Lbs.	3	4 $\frac{1}{2}$	7 $\frac{1}{2}$
Per Dozen	\$17.00	18.00	20.00
No. OB2861—Old Brass, Polished, OB Finish.			
Length, Inches	4	6	9
Per Dozen	\$17.00	18.00	20.00

One Dozen in a Box, with Screws.

FOOT AND CHAIN BOLTS



Style of 6 inch.



Style of 10 inch.

FOOT BOLTS

Wrought Steel.

No. 1056J—Japanned.

Length, Inches	6	10
Length of Plate, Inches	5	9
Width of Plate, Inches	2	3 3/4
Weight Per Dozen, Lbs.	8 1/2	17
Per Dozen	\$9.50	24.00

No. 356D2—Antique Copper Finish.

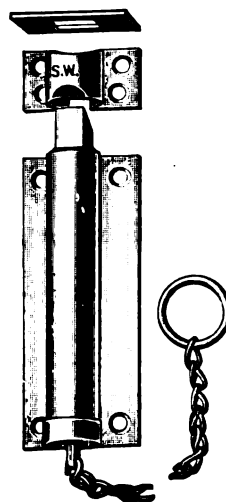
Length, Inches	6
Per Dozen	\$11.50

No. 356F—Dull Brass Finish.

Length, Inches	6
Per Dozen	\$11.50

The 10 inch style is for use on garage, warehouse and other heavy doors.

6 inch, One-half Dozen; 10 inch, One-twelfth Dozen in a Box, with Screws.



Style of 6 inch.



Style of 10 inch.

CHAIN BOLTS

Wrought Steel, 24 inch Chain.

No. 1055J—Japanned.

Length, Inches	6	10
Width of Plate, Inches	2	3 3/4
Diameter of Bolt, Inches	3/4	7/8
Weight Per Dozen, Lbs.	13	18
Per Dozen	\$10.00	25.00

No. 355D2—Antique Copper Finish.

Length, Inches	6
Per Dozen	\$13.00

No. 355F—Dull Brass Finish.

Length, Inches	6
Per Dozen	\$13.00

The 10 inch style is for use on garage, warehouse and other heavy doors.

6 inch, One-half Dozen; 10 inch, One-twelfth Dozen in a Box, with Screws.

FOOT BOLTS

Cast Iron, with Floor Plate.

No. AB1491—Antique Copper, Polished, AB Finish.

Length, Inches	6	8
Weight Per Dozen, Lbs.	11 1/2	14
Per Dozen	\$8.00	9.50

No. OB1491—Old Brass, Polished, OB Finish.

Length, Inches	6	8
Per Dozen	\$8.00	9.50

One-half Dozen in a Box, with Screws.

CHAIN BOLTS

Cast Iron, Extra Heavy, with Beveled Strike.

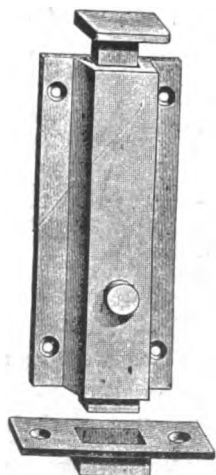
No. AB1483—Antique Copper, Polished, AB Finish.

Length, Inches	6	8
Weight Per Dozen, Lbs.	12	18
Per Dozen	\$8.75	10.25

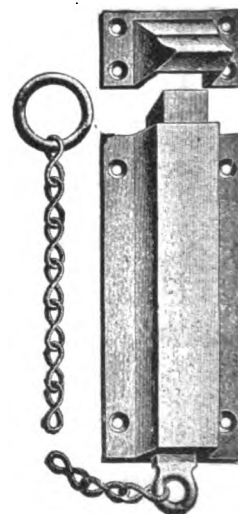
No. OB1483—Old Brass, Polished, OB Finish.

Length, Inches	6	8
Per Dozen	\$8.75	10.25

One-half Dozen in a Box, with Screws.



Nos. AB1491 and OB1491.



Nos. AB1483 and OB1483.

FOOT AND CHAIN BOLTS



Cast Brass, with Beveled Strike.

No. 581—Natural Polished, No. 1 Finish.

Length, Inches	2	3	4
Weight Per Dozen, Lbs.	4	6	8
Per Dozen	\$16.00	18.00	20.00

One-half Dozen in a Box, with Screws.



No. T1491A.



No. T1483A.

FOOT BOLTS

Cast Iron, Extra Heavy, with Floor Plate.

No. T1491A—Tuscan Bronzed, T Finish.

Length, Inches	6	8
Weight Per Dozen, Lbs.	12 1/2	16
Per Dozen	\$3.50	4.00

One-half Dozen in a Box, with Screws.

CHAIN BOLTS

Cast Iron, Extra Heavy, with Beveled Strike.

No. T1483A—Tuscan Bronzed, T Finish.

Length, Inches	6	8
Per Dozen	\$4.00	5.00

One-half Dozen in a Box, with Screws.

FOOT BOLTS

Cast Iron, Extra Heavy, with Floor Plate.

No. 391—Japanned, Polished Bolt.

Length, Inches	6	8
Weight Per Dozen, Lbs.	11	14
Per Dozen	\$2.75	3.50

One-half Dozen in a Box.

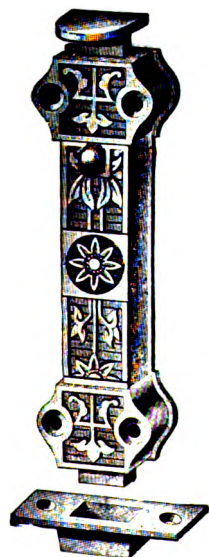
CHAIN BOLTS

Cast Iron, Extra Heavy, with Beveled Strike.

No. 383—Japanned, Polished Bolt.

Length, Inches	3	4	6	8
Weight Per Dozen, Lbs.	4	6	12	15
Per Dozen	\$2.00	2.65	3.50	4.50

3 inch, One Dozen; 4 to 8 inch, One-half Dozen in a Box.

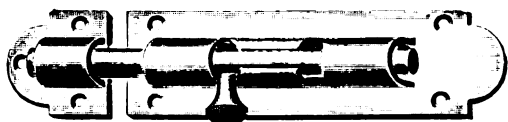


No. 391.



No. 383.

BARREL BOLTS



No. 365—Light, Wrought Steel, Japanned, Brass Plated Knob, Polished Bolt.

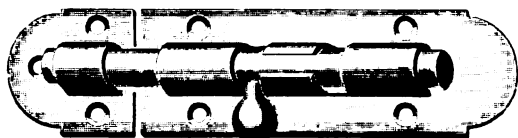
Length, Inches	2½	3	4	5	6
Weight Per Dozen, Lbs.	1¼	2	3	4½	5
Per Dozen	\$1.50	1.90	2.15	2.50	2.90

One Dozen in a Box.

No. 865—Light, Wrought Brass, Natural Polished, No. 1 Finish.

Length, Inches	3	4
Per Dozen	\$3.90	4.50

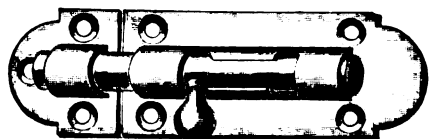
One Dozen in a Box, with Screws.



No. 367—Heavy, Wrought Steel, Japanned, Brass Plated Knob, Polished Bolt.

Length, Inches	4	5	6	8
Weight Per Dozen, Lbs.	4	6	7	16
Per Dozen	\$2.45	3.00	3.40	6.50

4 to 6 inch, One Dozen; 8 inch, One-half Dozen in a Box.



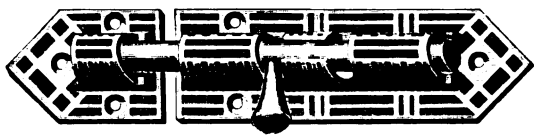
No. 408D2—Wrought Steel, Antique Copper, Planished.

Length, Inches	3	4	5
Weight Per Dozen, Lbs.	3½	4	6
Per Dozen	\$4.00	4.25	5.00

No. 408F—Wrought Steel, Old Brass, Planished.

Length, Inches	3	4	5
Per Dozen	\$4.00	4.25	5.00

One Dozen in a Box, with Screws.

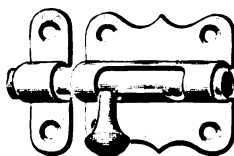


No. T461—Cast Iron, Tuscan Bronzed, T Finish, Bronze Metal Knob, Wrought Bolt.

Length, Inches	3	4	5
Weight Per Dozen, Lbs.	2½	3	4½
Per Dozen	\$1.85	2.20	2.70

One Dozen in a Box, with Screws.

CELLAR WINDOW BOLTS



Wrought Steel.

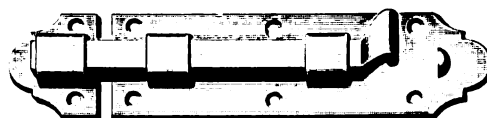
Length 2½ inches.

No. 364—Japanned, Polished Bolt and Knob	Per Dozen \$1.25
No. 3364—Galvanized	1.75

Weight Per Dozen 2½ Pounds.

One Dozen in a Box.

SPRING BOLTS



No. 315—Wrought Steel, Japanned Plate, Polished Bolt.

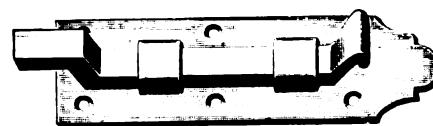
Length, Inches	2	2½	3	3½	4
Weight Per Dozen, Lbs.	1	1¼	1½	1¾	2
Per Dozen	\$1.10	1.20	1.35	1.60	1.80

No. 515—Wrought Brass, Natural Polished, No. 1 Finish.

Length, Inches	2	2½	3	3½	4
Per Dozen	\$2.25	2.70	3.25	4.00	4.30

One Dozen in a Box.

NECK BOLTS

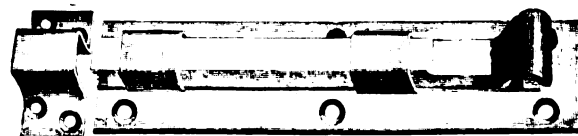


No. 525—Wrought Brass, Natural Polished, No. 1 Finish.

Length, Inches	2½	3	3½	4
Weight Per Dozen, Lbs.	1¼	1½	1¾	2
Per Dozen	\$2.70	3.25	4.00	4.30

One Dozen in a Box.

SQUARE BOLTS



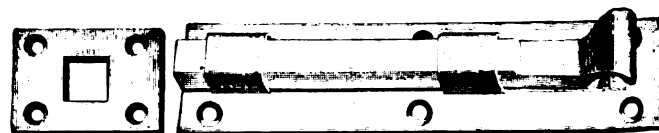
No. 305—Wrought Steel, Japanned Plate, Polished Bolt, Steel Spring.

Length, Inches	4	5	6
Weight Per Dozen, Lbs.	4	8	10
Per Dozen	\$2.50	2.65	2.85

No. 306—Extra Heavy, Wrought Steel, Japanned Plate, Polished Bolt, Steel Spring.

Length, Inches	5	6	7	8
Weight Per Dozen, Lbs.	9	11	14½	18
Per Dozen	\$3.40	3.60	4.75	5.25

One-half Dozen in a Box.

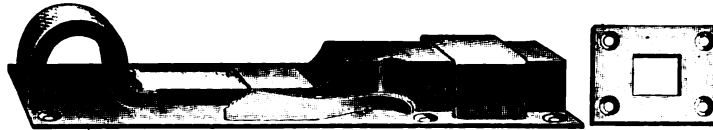


No. 308—Extra Heavy, Wrought Steel, Japanned Plate, ½ inch Polished Bolt, Steel Spring.

Length, Inches	8	10	12
Weight Per Dozen, Lbs.	18	25	32
Per Dozen	\$5.25	8.00	10.00

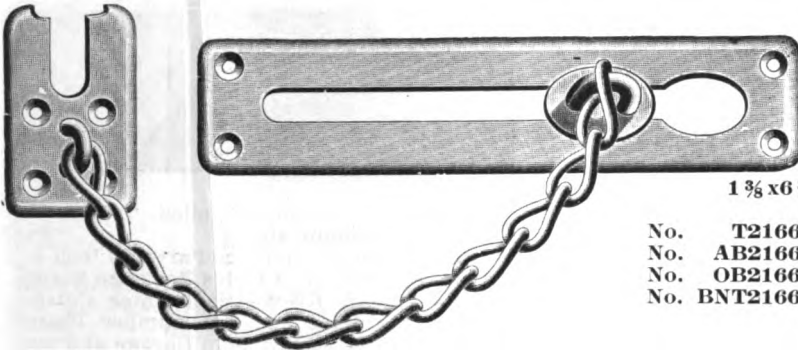
One-half Dozen in a Box.

SQUARE BOLTS



No. 1050—Extra Heavy Wrought Steel, Plain Plate, Steel Spring, Plate 1 3/4 inches Wide, 3/4 inch Square Polished Bolt.			
Length, Inches	8	10	12
Weight Per Dozen, Lbs.	16	18	20
Per Dozen	\$7.15	7.60	8.10
One-half Dozen in a Box.			

CHAIN DOOR FASTENERS



1 3/8 x 6 3/8 inch Wrought Steel Case, with Steel Chain.

No.	T2166—Tuscan Bronzed, T Finish	Per Dozen \$5.00
No.	AB2166—Antique Copper, Polished, AB Finish	7.50
No.	OB2166—Old Brass, Polished, OB Finish	7.50
No.	BNT2166—Blue Black Electro Plated, BNT Finish	7.50

Weight Per Dozen 5 Pounds.

One-half Dozen in a Box, with Screws.

DOOR FASTENERS

Cuts Half Size.



"SHELBY", Wrought Steel.

Per Dozen

No. 1058—Antique Copper Finish	\$2.75
No. 1060—Dull Brass Finish	2.75

Weight Per Dozen 3 Pounds.

One Dozen in a Box, with Screws.

BASE KNOBS

Cut Half Size.

One Piece Floor,
Substantial and Dur-
able.

Wrought Steel.

Used extensively for
doors that do not swing
back to the wall.

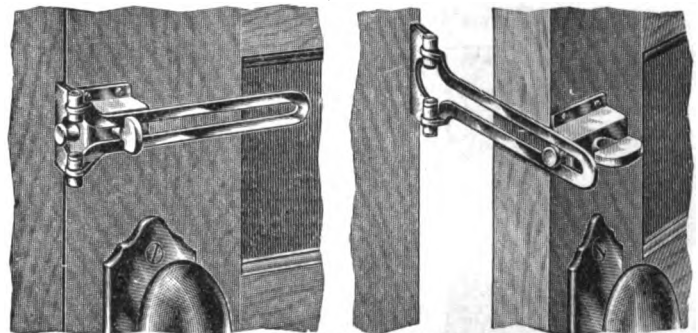
Per Dozen

No. 11230—Antique Copper Finish	\$1.50
No. 11232—Dull Brass Finish	1.50
No. 11240—Antique Brass, Sand Finish	1.50

One Dozen in a Box, with Screws.

DOOR GUARDS

Cut Quarter Size.



Cold Rolled Steel.

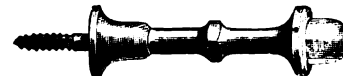
Per Dozen

No. 50D—Antique Copper Finish, Polished	\$11.00
No. 60D—Old Brass, Light, Polished	11.00

One Dozen in a Box, with Screws.

BASE KNOBS

Cut Half Size.



Iron, Rubber Tip, Brass Rim, Steel Screw.

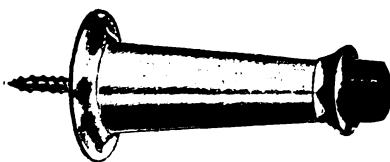
Per Dozen

No. 200—Amber Bronzed	\$0.60
No. DA200—Antique Copper, DA Finish .....	.60
No. OT200—Old Brass, OT Finish .....	.60

Three Dozen in a Box.

BASE KNOBS

Cuts Half Size.

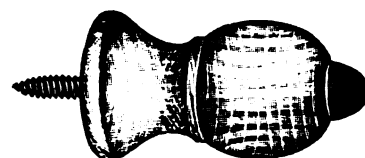


Wrought Steel.

Per Dozen

No. 11208—Antique Copper Finish	\$1.75
No. 11210—Dull Brass Finish	1.75
No. 11218—Antique Brass, Sand Finish	2.00
No. 11214—Nickel Plated	2.00

One Dozen in a Box.



Wood, Rubber Tipped.

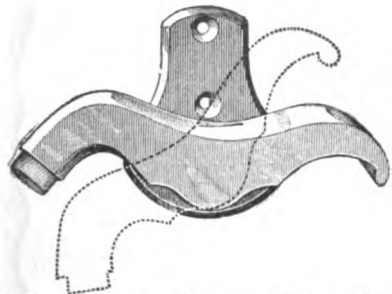
Per Gross

No. 0—2 1/2 inch, Oak	\$4.00
No. 1—2 1/2 inch, Birch	3.50
No. 2—3 inch, Birch	3.75
No. 3—2 1/2 inch, Black Walnut	4.50

One-quarter Dozen in a Box.

DOOR HOLDERS

IMPROVED EMPIRE



Malleable Iron, Rubber Tipped Bolt.

Small Size.		Per Dozen
No. 91	—Amber Bronzed	\$ 3.50
No. 92½	—Antique Copper, Polished.....	11.00
Medium Size.		
No. 101	—Amber Bronzed	6.00
No. 102½	—Antique Copper, Polished.....	16.00

Operated by a light pressure of the toe, no binding over the Rubber Tip and Spring Action makes it particularly desirable for use on carpets and polished floors.

Note—Packed Half Right and Half Left Hand.
One-half Dozen in a Box, with Screws.

CALDWELL "JUNIOR"

SARGENT'S



Nos. 303½ to 300.

Iron, Rubber Tipped Bolt.



Nos. DA5234 to J5234.

Length without Bolt 5 ¾ inches.		Per Dozen
No. 303½	—Antique Copper, Polished.....	\$9.00
No. 303B	—Old Brass, Polished.....	9.00
No. 300	—Dead Black	5.00

This Bolt will hold on the smoothest floor, no side ears, only one screw visible, a bracket affixes the holder immovable to the door.

One in a Carton, One Dozen in a Box, with Screws.

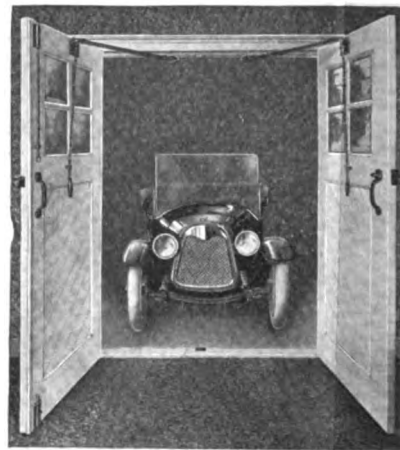
Iron, Rubber Tipped Bolt.

Length without Bolt 5 ¾ inches.		Per Dozen
No. DA5234	—Antique Copper, DA Finish.....	\$15.00
No. OT5234	—Old Brass, OT Finish.....	15.00
No. J5234	—Ivory Black Finish.....	11.80

This is a heavy Holder provided with Rubber Tipped Bolt that will not slip on any floor.

One-half Dozen in a Box, with Screws.

STANLEY GARAGE



Cut Shows Holders Applied.

Wrought Steel.

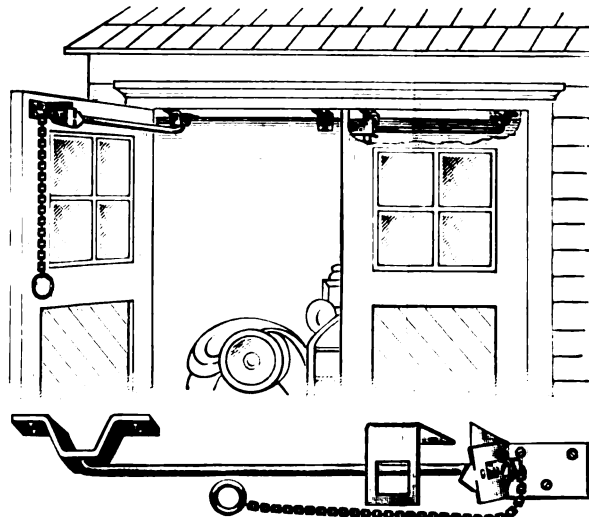
	Per Pair
No. 1774J—Japanned, Consists of Three Parts, 30 inch U Shaped Heavy Steel Bar which Holds Back the Door, Pivot Plate with a Heavy Rivet 7/8 inch Thick, Coupling the Bar to the Door and the Bumper Plate which Locks the Bar to the Frame of Garage at Two Points	\$4.25

The Holder is reversible for right or left hand doors and can be applied to any shaped door. Nothing to adjust or get out of order. The Pivot Plate is attached to the door so that the distance from the plate to the jamb can be made as great as possible. The patented tubular grip and tenso chain including the grip is 4 feet long. It is strong and simply constructed.

Weight Per Pair 8 ½ Pounds.

One Pair in a Box, with Screws, Staples and Directions.

SHELBY GARAGE



Wrought Steel, No Springs or Frail Parts to Rust or Break.
3 ¾ x 2 x ¾ inch Swivel or Door Jamb Plate, 3 x 3 ½ x 2 x ¼ inch Door Plate with Locking Device, ½ inch Round x 33 ½ inches Long Rod, 3 ¼ x 3 x 1 ½ x ¼ inch Strike, 36 inches No. 13 Chain.

No. 3050—Japanned, for Right or Left Hand Doors, without Change

Designed in particular for swinging garage doors while the car is being driven in or out, but can be used on all swinging doors that is desired to be held open, such as warehouse, barn, garage or public buildings.

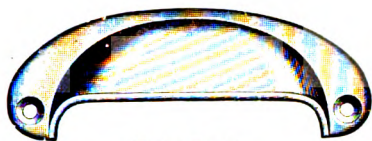
A child can operate it as it automatically catches when the door is opened and all that is required to release it for closing is a slight pull on the chain.

With the use of this holder there is no danger of the doors blowing shut and mashing a fender or lamp and possibly injuring the driver which would necessitate an expense many times the cost of the holder.

Weight Per Dozen 56 Pounds.
One Set in a Box, with Screws.

DRAWER PULLS

Cuts Half Size.



Cast Iron.
Size 1x3 $\frac{7}{8}$ inches.

Per Gross

No. 30—Japanned\$4.00
One-sixth Gross in a Box.



Cast Iron.
Size 3 $\frac{7}{8}$ inches.

Per Gross

No. 61—Berlin Bronzed\$7.50
One-sixth Gross in a Box, with Screws.



Cast Iron.
Size 1 $\frac{1}{2}$ x 3 $\frac{3}{8}$ inches.

Per Gross

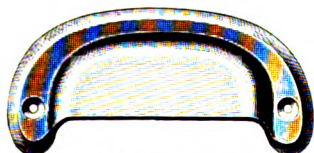
No. 475—Tuscan Bronzed\$6.00
One-sixth Gross in a Box, with Screws.



Cast Iron.
Size 1 $\frac{3}{8}$ x 3 $\frac{1}{2}$ inches.

Per Gross

No. T1306—Tuscan Bronzed, T Finish.....\$6.50
One-sixth Gross in a Box, with Screws.



Wrought Steel.
Size 1 $\frac{3}{8}$ x 3 $\frac{1}{4}$ inches.

Per Gross

No. DA4436—Antique Copper, DA Finish.....\$6.00
No. DR4436—Antique Copper, Sanded, DR Finish.... 7.00
No. OT4436—Old Brass, OT Finish..... 6.00
No. RD4436—Antique Brass, Sanded, RD Finish..... 7.00
No. N4436—Nickel Plated, Polished, N Finish..... 7.00
No. BNT4436—Bower-Barff, Rustless Iron..... 6.00
Nos. DA4436 to N4436, One-sixth Gross; No. BNT4436, One-twelfth Gross in a Box, with Screws.

Wrought Steel.

Size 1 $\frac{1}{2}$ x 3 $\frac{1}{4}$ inches.

Per Gross

No. DA4336—Antique Copper, DA Finish.....\$7.00
No. OT4336—Old Brass, OT Finish..... 7.00
One-sixth Gross in a Box, with Screws.

Wrought Bronze.

Size 1 $\frac{3}{8}$ x 3 $\frac{1}{4}$ inches.

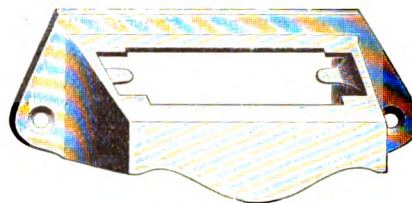
Per Gross

No. AB4437P—Antique Copper, Polished, AB Finish. \$20.00
No. OB4437P—Old Brass, Polished, OB Finish..... 20.00
No. RD4437P—Antique Brass, Sanded, RD Finish.... 20.00
One-twelfth Gross in a Box, with Screws.

DRAWER PULLS

Cuts Half Size.

DRUGGISTS'



Cast Iron.

Size 1 $\frac{5}{8}$ x 4 $\frac{1}{4}$ inches, for $\frac{7}{8}$ x 2 $\frac{5}{8}$ inch Label.

Per Gross

No. AB1386—Antique Copper, Polished, AB Finish...\$30.00
No. OB1386—Old Brass, Polished, OB Finish..... 30.00
One-sixth Gross in a Box, with Screws.

LABEL HOLDERS AND PULLS

Cuts Half Size.

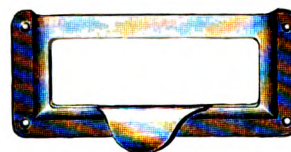


Wrought Bronze.

For Card 1 $\frac{1}{8}$ x $\frac{7}{8}$ inches.

Per Gross

No. 5509—Natural Polished, No. 1 Finish.....\$10.00
No. AB5509—Antique Copper, Polished, AB Finish... 11.00
One-quarter Gross in a Box.



Wrought Bronze.

For Card 2 $\frac{1}{8}$ x 1 inches.

Per Gross

No. 5511—Natural Polished, No. 1 Finish.....\$17.00
No. AB5511—Antique Copper, Polished, AB Finish... 20.00
One-quarter Gross in a Box.

LABEL HOLDERS

Cuts Half Size.

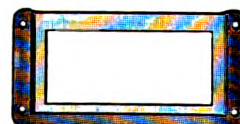


Wrought Bronze.

For Card 1 $\frac{1}{8}$ x $\frac{7}{8}$ inches.

Per Gross

No. 5510—Natural Polished, No. 1 Finish.....\$10.00
No. AB5510—Antique Copper, Polished, AB Finish... 11.00
One-quarter Gross in a Box.



No. 5508.

Wrought Bronze.

For Card 2x1 inches.

Per Gross

No. 5508—Natural Polished, No. 1 Finish.....\$11.00
No. AB5508—Antique Copper, Polished, AB Finish... 12.00

For Card 2 $\frac{1}{8}$ x 1 inches.

Per Gross

No. 5512—Natural Polished, No. 1 Finish.....\$15.00
No. AB5512—Antique Copper, Polished, AB Finish... 17.00
One-quarter Gross in a Box.

DROP HANDLES

Cuts Third Size.

PERU DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{3}{8}$ inches.

- Each
No. 9515—Antique Copper, Polished, AB Finish.....\$0.55
No. 9516—Old Brass, Polished, OB Finish..... .55
No. 9517—Bower-Barff, Rustless Iron, BB Finish..... .55
One-half Dozen in a Box.

ANDROS DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 4$ inches.

- Each
No. 9530—Antique Copper, Polished, AB Finish.....\$0.55
No. 9531—Old Brass, Relieved, OE Finish..... .55

One-half Dozen in a Box.

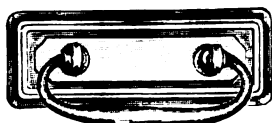
PE-EXETER DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{1}{2}$ inches.

- Each
No. 9538—Antique Copper, Polished, AB Finish.....\$0.55
One-half Dozen in a Box.

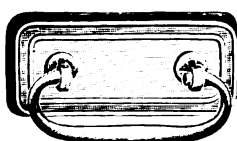
OXFORD DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 4$ inches.

- Each
No. 9542—Antique Copper, Polished, AB Finish.....\$0.55
No. 9543—Old Brass, Relieved, OE Finish..... .55
One-half Dozen in a Box.

SUPERIOR DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{1}{2}$ inches.

- Each
No. 9549—Antique Brass, Sand-
ed, RD Finish.....\$0.55

One-half Dozen in a Box.

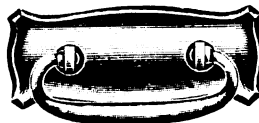
AN-ALBY DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 4$ inches.

- Each
No. 9539—Antique Copper, Polished, AB Finish.....\$0.55
No. 9540—Old Brass, Relieved, OE Finish..... .55
One-half Dozen in a Box.

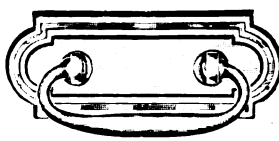
MAYFAIR DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 4$ inches.

- Each
No. 9545—Antique Copper, Polished, AB Finish.....\$0.55
No. 9546—Old Brass, Polished, OB Finish..... .55
No. 9547—Antique Brass, Sand-
ed, RD Finish..... .55
One-half Dozen in a Box.

CAMDEN DESIGN

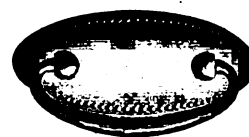


Wrought Steel.
Size $1\frac{1}{2} \times 4\frac{1}{4}$ inches.

- Each
No. 9550—Antique Brass, Sand-
ed, RD Finish.....\$0.55

One-half Dozen in a Box.

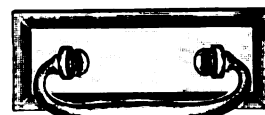
MADISON DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{3}{4}$ inches.

- Each
No. 9527—Antique Copper, Polished, AB Finish.....\$0.55
No. 9529—Old Brass, Relieved, OE Finish..... .55
One-half Dozen in a Box.

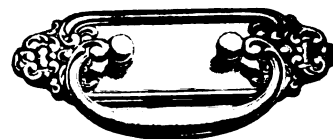
STRATFORD DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 4$ inches.

- Each
No. 9534—Antique Copper, Polished, AB Finish.....\$0.55
No. 9535—Old Brass, Polished, OB Finish..... .55
No. 9536—Antique Brass, Sanded, RD Finish..... .55
No. 9537—Bower-Barff, Rustless Iron, BB Finish..... .55
One-half Dozen in a Box.

HF-HAVEN DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 4\frac{3}{8}$ inches.

- Each
No. 9541—Old Brass, Relieved, OE Finish.....\$0.55
One-half Dozen in a Box.

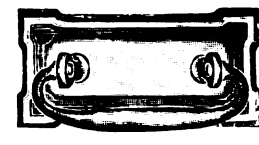
IONIAN DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{3}{4}$ inches.

- Each
No. 9548—Antique Brass, Sand-
ed, RD Finish.....\$0.55
One-half Dozen in a Box.

KENWOOD DESIGN



Wrought Steel.
Size $1\frac{1}{2} \times 3\frac{3}{8}$ inches.

- Each
No. 9552—Antique Copper, Polished, AB Finish.....\$0.55
No. 9553—Antique Brass, Sand-
ed, RD Finish..... .55
One-half Dozen in a Box.

DROP HANDLES

Cuts Third Size.
LENOX DESIGN

Wrought Steel.

Size 1 1/2 x 3 3/4 inches. Each

No. 9556—Antique Copper, Polished, AB Finish.....\$0.55

No. 9557—Antique Brass, Sand- ed, RD Finish......55

One-half Dozen in a Box.

STRATFORD DESIGN



Wrought Bronze.

Size 1 1/2 x 4 inches. Each

No. 9560—Antique Copper, Polished, AB Finish.....\$0.80

No. 9561—Old Brass, Polished, OB Finish......80

No. 9562—Antique Brass, Sand- ed, RD Finish......80

One-half Dozen in a Box.

IONIAN DESIGN



Wrought Bronze.

Size 1 1/2 x 3 3/4 inches. Each

No. 9567—Antique Brass, Sand- ed, RD Finish.....\$0.80

One-half Dozen in a Box.

ELGIN DESIGN



Wrought Bronze.

Size 1 1/2 x 4 inches. Each

No. 9571—Antique Copper, Polished, AB Finish.....\$0.80

No. 9572—Antique Brass, Sand- ed, RD Finish......80

One-half Dozen in a Box.

CN-NELSON DESIGN



Wrought Bronze.

Size 1 x 3 inches. Each

No. 9580—Old Brass, Polished, OB Finish.....\$0.80

One-half Dozen in a Box.

RING HANDLES

Cuts Third Size.

CT-CHATHAM DESIGN



Wrought Bronze.

Size 1 1/2 inch Plate, 1 1/2 inch Ring.

No. 9581 1/2—Old Brass, Polished, OB Finish.....\$0.80

One-half Dozen in a Box.

ELGIN DESIGN



Wrought Steel.

Size 1 1/2 x 4 inches. Each

No. 9554—Antique Copper, Polished, AB Finish.....\$0.55

No. 9555—Antique Brass, Sand- ed, RD Finish......55

One-half Dozen in a Box.

BRISTOL DESIGN



Wrought Bronze.

Size 1 1/2 x 3 1/2 inches. Each

No. 9559—Antique Brass, Sand- ed, RD Finish.....\$0.80

One-half Dozen in a Box.

MAYFAIR DESIGN



Wrought Bronze.

Size 1 1/2 x 4 inches. Each

No. 9564—Antique Copper, Polished, AB Finish.....\$0.80

No. 9565—Old Brass, Polished, OB Finish......80

No. 9566—Antique Brass, Sand- ed, RD Finish......80

One-half Dozen in a Box.

KENWOOD DESIGN



Wrought Bronze.

Size 1 1/2 x 3 3/4 inches. Each

No. 9569—Antique Copper, Polished, AB Finish.....\$0.80

No. 9570—Antique Brass, Sand- ed, RD Finish......80

One-half Dozen in a Box.

VITRY DESIGN



Cast Bronze.

Size 1 1/2 x 4 1/2 inches. Each

No. 9574—Antique Brass, Sand- ed, RD Finish.....\$1.50

One-half Dozen in a Box.

CN-NELSON DESIGN



Wrought Bronze.

Size 1 1/2 inch Plate, 1 1/2 inch Ring.

No. 9580 1/2—Old Brass, Polished, OB Finish.....\$0.80

One-half Dozen in a Box.

ROCKFORD DESIGN



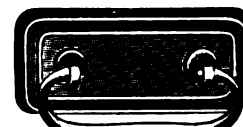
Wrought Bronze.

Size 1 1/2 x 3 1/2 inches. Each

No. 9558—Antique Brass, Sand- ed, RD Finish.....\$0.80

One-half Dozen in a Box.

SUPERIOR DESIGN



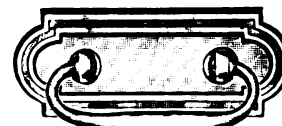
Wrought Bronze.

Size 1 1/2 x 3 1/2 inches. Each

No. 9563—Antique Brass, Sand- ed, RD Finish.....\$0.80

One-half Dozen in a Box.

CAMDEN DESIGN



Wrought Bronze.

Size 1 1/2 x 4 1/4 inches. Each

No. 9568—Antique Brass, Sand- ed, RD Finish.....\$0.80

One-half Dozen in a Box.

VF-VERNON DESIGN



Cast Bronze.

Size 1 1/2 x 3 3/4 inches. Each

No. 9573—Antique Brass, Sand- ed, RD Finish.....\$1.50

One-half Dozen in a Box.

CT-CHATHAM DESIGN



Wrought Bronze.

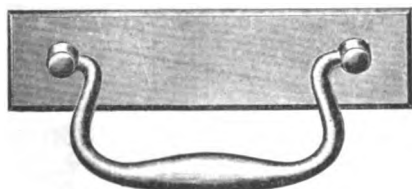
Size 3 1/4 inches. Each

No. 9581—Old Brass, Polished, OB Finish.....\$0.80

One-half Dozen in a Box.

DROP HANDLES

Cuts Half Size.



Cast Brass.

Size $\frac{7}{8}$ x 3 inch Plate.

Per Dozen

No. 5825B—Natural Finish\$4.50

No. 5825A—Antique Copper Finish..... 5.50

Weight Per Dozen 1 $\frac{3}{4}$ Pounds.Size 1 x 4 $\frac{1}{8}$ inch Plate.

Per Dozen

No. 5824B-3—Natural Finish\$5.00

No. 5824A —Antique Copper Finish..... 6.00

Weight Per Dozen 2 $\frac{1}{4}$ Pounds.

One Dozen in a Box.



Wrought Brass Base, Cast Brass Pull.

Size 3 inches.

Per Dozen

No. 5566B—Natural Finish\$5.00

No. 5566A—Antique Copper Finish..... 6.00

Weight Per Dozen 2 Pounds.

One Dozen in a Box.



Cast Iron Handle, Wrought Plate.

Size 4 inches.

Per Dozen

No. 1471B—Brass Plated\$1.00

No. 1471A—Antique Copper Finish..... 1.25

Weight Per Dozen 1 $\frac{1}{2}$ Pounds.

Two Dozen in a Box.

DRAWER PULLS

Cuts Half Size.



Steel.

Size 3 $\frac{1}{4}$ inches.

Per Dozen

No. 1595B—Brass Plated\$0.75

No. 1595A—Antique Copper Finish..... 1.00

Weight Per Dozen 2 Pounds.

Two Dozen in a Box.



Cast Brass.

Size 3 inches.

Per Dozen

No. 1548B—Brass Plated\$3.00

No. 1548A—Antique Copper Finish..... 3.50

Weight Per Dozen 2 Pounds.

Two Dozen in a Box.

DRAWER PULLS

Cuts Half Size.



Wrought Steel.

Size 3 inches.

Per Dozen

No. 460A —Planished, Natural Bronze Finish.....\$0.50

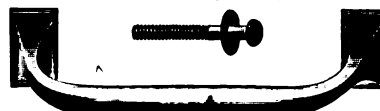
No. 460D2—Planished, Antique Copper Finish..... .80

Weight Per Dozen $\frac{1}{2}$ Pound.

Six Dozen in a Box, with Screws.

DRAWER HANDLES

Cuts Half Size.



Cast Iron, Plated.

Size 4 inches.

Per Dozen

No. AB407—Antique Copper, Polished, AB Finish.....\$2.00

No. OB407—Old Brass, Polished, OB Finish..... 2.00

No. RD407—Antique Brass, Sanded, RD Finish..... 2.00

Weight Per Dozen 2 Pounds.

One Dozen in a Box, with Machine Screws to Fasten Handle from the Inside.



Cast Brass.

Size 4 $\frac{1}{8}$ inches.

Per Dozen

No. OB664—Old Brass, Polished, OB Finish.....\$10.00

No. RD664—Antique Brass, Sanded, RD Finish..... 10.00

Weight Per Dozen 3 Pounds.

One Dozen in a Box, with Machine Screws to Fasten Handle from the Inside.

DROP RING PULLS

Cuts Half Size.



Stamped Brass.

Size 1 $\frac{1}{2}$ inches.

Per Dozen

No. 2596N—Nickel Finish\$0.60

No. 2596B—Gilt Finish60

Weight Per Dozen 2 Pounds.

Three Dozen in a Box.

DROP HANDLES

Cuts Half Size.



Wood Knob.

Size 1 $\frac{1}{2}$ inches.

Per Dozen

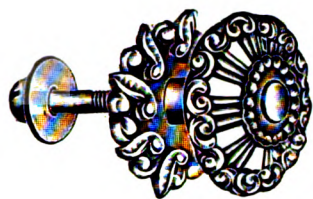
No. 070—Enameled Wood Knob, Gilt Rose.....\$1.25

Weight Per Dozen 1 $\frac{1}{4}$ Pounds.

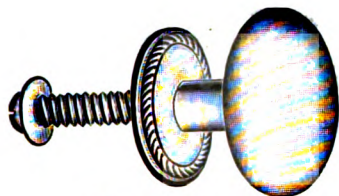
Three Dozen in a Box.

DRAWER KNOBS

Cuts Full Size.

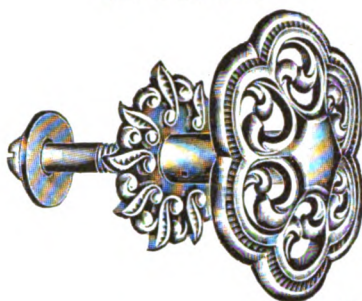


- Per Dozen
 No. 1143—Cast Brass, Polished..\$2.00
 No. AB1143—Cast Brass, Antique
 Copper, Polished, AB Finish. 2.00
 Two Dozen in a Box.

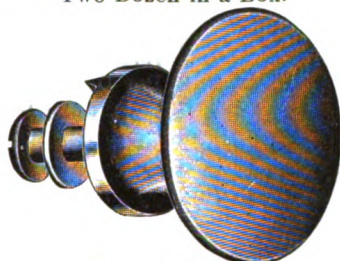


Wrought Brass.
 Size 1 1/8 inches.

- Per Dozen
 No. AB5457A—Antique Copper,
 Polished, AB Finish.....\$2.00
 No. OB5457B—Old Brass, Pol-
 ished, OB Finish..... 2.00
 No. N5457—Nickel Plated, Pol-
 ished, N Finish..... 2.00
 Three Dozen in a Box.

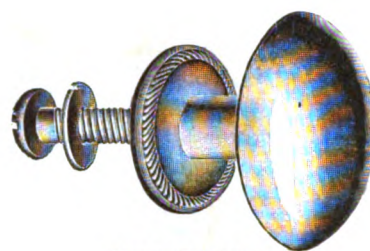


- Per Dozen
 No. 1147—Cast Brass, Polished..\$3.00
 No. AB1147—Cast Brass, Antique
 Copper, Polished, AB Finish. 3.00
 Two Dozen in a Box.



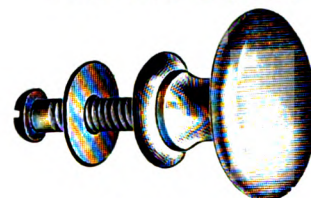
Wrought Brass.
 Size 1 1/4 inches.

- Per Dozen
 No. OB1617—Dull Brass Finish..\$2.00
 No. RD1617—Antique Brass,
 Sand Finish 2.25
 Three Dozen in a Box.



Wrought Brass.
 Size 1 3/8 inches.

- Per Dozen
 No. AB5456A—Antique Copper,
 Polished, AB Finish.....\$2.50
 No. OB5456B—Old Brass, Pol-
 ished, OB Finish..... 2.50
 Three Dozen in a Box.

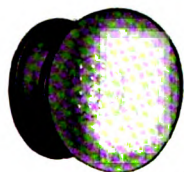


- Cast Brass.
 Size 1 inch. Per Dozen
 No. RD5201—Antique Brass,
 Sand Finish\$4.00

- Size 1 1/4 inches. Per Dozen
 No. RD5201—Antique Brass,
 Sand Finish\$4.50
 Three Dozen in a Box.

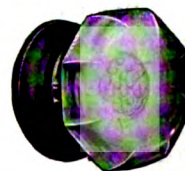
GLASS DRAWER KNOBS

Cuts Half Size.



Pressed Glass, Round, Bronze Base.
 Size 1 1/4 inches.

- Per Dozen
 No. AB502P—Antique Copper, Polished, AB Finish...\$13.60
 No. OB502P—Old Brass, Polished, OB Finish..... 13.60
 No. RD502P—Antique Brass, Sanded, RD Finish..... 13.60
 One-half Dozen in a Box, with Machine Screws.



Pressed Glass, Octagon, Bronze Base.
 Size 1 1/4 inches.

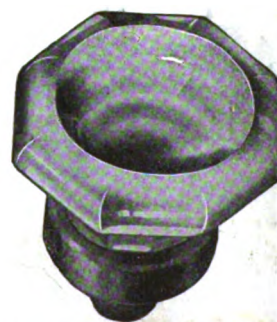
- Per Dozen
 No. AB512P—Antique Copper, Polished, AB Finish...\$13.60
 No. OB512P—Old Brass, Polished, OB Finish..... 13.60
 No. RD512P—Antique Brass, Sanded, RD Finish..... 13.60
 One-half Dozen in a Box, with Machine Screws.

Cuts Full Size.



Pressed Glass, Hand Turned, Cast Brass Base.
 Size 1 inch.

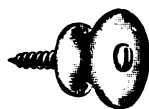
- Per Dozen
 No. AB2347C—Antique Copper, Polished, AB Finish...\$6.00
 No. OB2347C—Old Brass, Polished, OB Finish..... 6.00
 No. RD2347C—Antique Brass, Sanded, RD Finish..... 6.00
 One Dozen in a Box, with Machine Screws.



Pressed Glass, Hand Turned, Cast Brass Base.
 Size 1 1/4 inches.

- Per Dozen
 No. AB2347B—Antique Copper, Polished, AB Finish...\$8.00
 No. OB2347B—Old Brass, Polished, OB Finish..... 8.00
 No. RD2347B—Antique Brass, Sanded, RD Finish..... 8.00
 One Dozen in a Box, with Machine Screws.

SHUTTER KNOBS

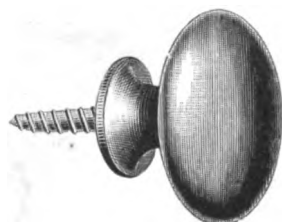


No. 15—Porcelain Knob.

Loose Round Head, Tinned Screw.

Inches	5/8	3/4	1	1 1/4	1 1/2
Per Gross	\$3.35	3.50	3.75	5.50	6.75

One-quarter Gross in a Box.



Iron Plated.

Size 1 inch.

No. AB172—Antique Copper, Polished, AB Finish	Per Gross \$16.00
No. OB172—Old Brass, Polished, OB Finish	16.00

One-quarter Gross in a Box.

SASH KNOBS



Cast Brass, to Screw.

No. AB105—Antique Copper, Polished, AB Finish.

Size, Inches	1/2	5/8	3/4
Per Gross	\$12.00	13.00	14.00

No. OB105—Old Brass, Polished.

Size, Inches	5/8
Per Gross	\$7.00

FLUSH RINGS

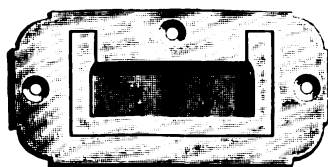


No. 20—Cast Brass, Natural Color, Polished.

Inches	1	1 1/8	1 1/4	1 3/8	1 1/2
Per Dozen	\$2.00	2.25	2.50	2.75	3.40

Two Dozen in a Box, with Screws.

FLUSH DRAWER HANDLES



Cast Brass, Polished.

Nos.	44	46
Inches	1 1/8 x 3 1/4	1 3/8 x 3 3/4
Per Dozen Pairs	\$21.00	26.00

One-half Dozen Pairs in a Box.

LIFTING HANDLES

No. 2—Cast Brass, Natural Color, Polished.
To Swing One Way.

Inches	2 1/2	3	4
Per Dozen	\$3.70	4.60	5.90

One Dozen Pairs in a Box, with Screws.

No. 3—Cast Brass, Natural Color, Polished.
To Swing Both Ways.

Inches	2 1/2	3	3 1/2	4
Per Dozen Pairs	\$5.00	5.50	7.00	8.50

One Dozen Pairs in a Box, with Screws.



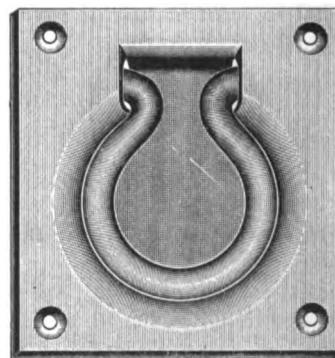
No. 161—Cast Iron, Japanned, Riveted.

Size, Inches	3 1/4
Per Dozen Pairs	\$1.80

One Dozen Pairs in a Box.

TRAP DOOR RINGS

FLUSH

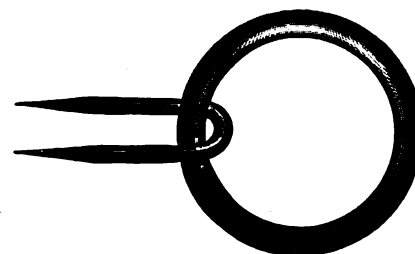


Wrought Steel, Japanned.

Nos.	1215J-1	1215J-2
Size of Plate, Inches	3 x 3 1/2	3 1/2 x 3 3/4
Wire, Inches	3/8	5/8
Per Dozen	\$3.00	3.50

One Dozen in a Box, with Screws.

TRAP DOOR RINGS AND STAPLES



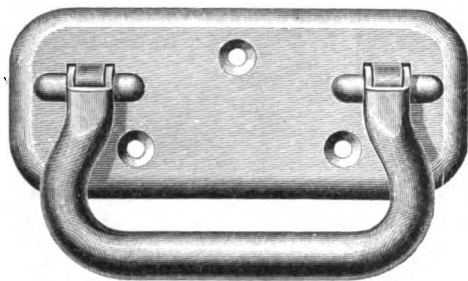
No. 56—Wrought Steel, Japanned.

Inches	2	2 1/2
Per Gross	\$17.50	21.00

One-quarter Gross in a Box.

CHEST HANDLES

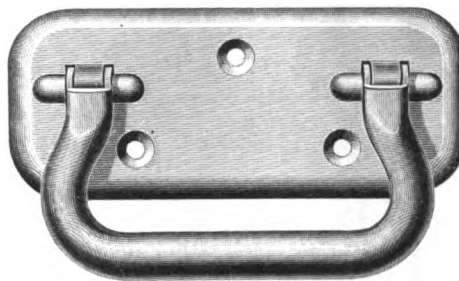
SURFACE



Wrought Steel.
To Swing Half Way.
Japaned.

Nos.	2081	2082
Length of Handle, Inches....	3 1/2	4
Plate, Inches	1 7/8 x 4 1/4	2 x 4 3/4
Per Dozen Pairs	\$2.80	3.00

One-half Dozen Pairs in a Box.

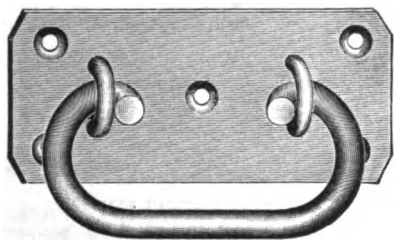


Wrought Steel.
To Swing Half Way.
Antique Copper Plated, DA Finish.

Nos.	DA2081	DA2082
Length of Handle, Inches....	3 1/2	4
Plate, Inches	1 7/8 x 4 1/4	2 x 4 3/4
Per Dozen Pairs	\$4.00	4.50

Nos.	OT2081	OT2082
Per Dozen Pairs.....	\$4.00	4.50

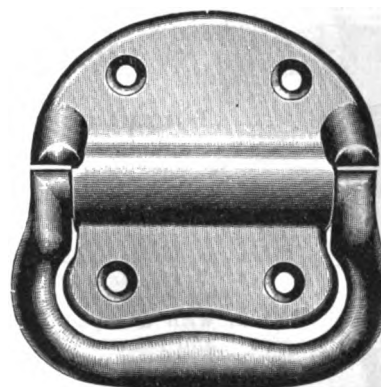
One-half Dozen Pairs in a Box, with Screws.



Wrought Steel, Japaned.
To Swing Both Ways.

Nos.	71	72	73
Length of Handle, Inches...	3 1/4	3 7/8	3 3/4
Plate, Inches	1 3/4 x 3 7/8	1 3/4 x 3 7/8	1 3/4 x 4 3/8
Per Dozen Pairs.....	\$1.50	1.80	2.00

One Dozen Pairs in a Box.

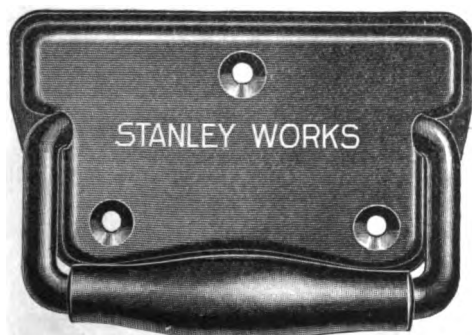


Cast Iron, Japaned.
To Swing Half Way.

Nos.	311	312	313
Length of Handle, Inches...	3 1/2	4	4 3/4
Plate, Inches	2 7/8 x 3 1/8	3 1/8 x 3 1/2	3 5/8 x 4 5/8
Per Dozen Pairs.....	\$1.85	2.20	3.15

One-half Dozen Pairs in a Box.

SURFACE

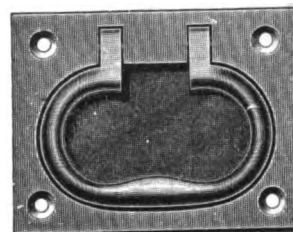


Wrought Steel, Tubular Grip, Japaned.

No.	1216J
Width of Handle, Inches....	4 1/2
Plate, Inches	4 3/4 x 2 7/8
Size of Wire, Inches.....	1/8
Per Dozen Pairs.....	\$3.75

One-quarter Dozen Pairs in a Box, with Screws.

FLUSH



Cast Iron, Japaned.

Nos.	31	32	33	34
Plate, Inches	2 7/8 x 3	2 5/8 x 3 1/2	3 1/2 x 4 3/8	4 1/4 x 5 1/4
Per Dozen Pairs.....	\$2.10	2.70	4.80	5.90

Nos. 31 and 32, One-half Dozen Pairs; Nos. 33 and 34, One-quarter Dozen Pairs in a Box.

HOUSE LETTER BOXES

CITY GEM



The aluminum finish boxes are entirely of galvanized steel (rust-proof), with lettering in red, and the olive-green are finished in a rust-proof enamel, baked on at 300°. The other boxes are made from a special refined steel, and all boxes have riveted joints—no solder used. When the door is opened the mail is brought forward in a convenient manner for removal. The top letter flap is automatically closed, and held closed, with a spring; drop-letter hole has a guard to prevent removal of letters; the words "Letters" and "U. S. Mail" are embossed in the metal; the door has a glass-covered "peep-hole" so owner can tell at a glance if box contains mail.

Brass Nose Lock with Two Keys, Brass Name Plate and Door Pull, Patent Package Holder.

10 inches High, 6 inches Wide, 3 inches Deep.

	Per Dozen
No. 4½—Olive Green Enamel.....	\$10.40
No. 5½—Galvanized Steel, Aluminum Finish.....	11.50
No. 405—Old Copper Finish.....	17.00
No. 504—Dull Brass	18.00

Weight Per Dozen 30 Pounds.

One-twelfth Dozen in a Box, with Screws; One Dozen in a Crate.



URBAN JEWEL

The aluminum finish boxes are made of galvanized steel (rust-proof), with lettering finished in red, and the other boxes are made from a special refined steel.

Has a beveled glass sight, a convenient brass handle for opening the box. This box is an exceedingly tasty design, with a capacity for legal envelopes and papers, and wide letters and circulars—letter-slot extends the whole width of the top. It is so constructed as to be absolutely storm-proof at all times. The cover holds the box shut whether it is locked or not; when opened the entire contents of the box are exposed for convenient removal.

Brass Lock with Two Keys, Brass Name Plate, Patent Package Holder.

10½ inches High, 5½ inches Wide, 2½ inches Deep.

	Per Dozen
No. 35—Olive Green	\$ 9.50
No. 55—Galvanized Steel, Aluminum Finish.....	10.00
No. 355—Old Copper Finish.....	11.50
No. 535—Dull Brass Finish.....	12.00

Weight Per Dozen 24 Pounds.

One-twelfth Dozen in a Box, with Screws; One Dozen in a Crate.



COTTAGE JEWEL

With Lock.

9¼ inches High, 5½ inches Wide, 2¼ inches Deep.

Per Dozen

No. 150—Old Copper Finish, 26 Gauge Cold Rolled Steel, Letter Slot Full Width of Top and Does not Weaken the Cover, Front Opening of Box is Brought Down Nearly Half Way, Making Mail Easily Accessible, Wording "U. S. Mail" Embossed in the Metal, Absolutely Storm-Proof	\$9.00
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Weight Per Dozen 18 Pounds.

One-twelfth Dozen in a Box; One Dozen in a Crate.

COTTAGE JEWEL

With Staple for Padlock.

9¼ inches High, 5½ inches Wide, 2 inches Deep.

Per Dozen

No. 10—Ebony Black Baked Enamel, 26 Gauge Cold Rolled Steel, Letter Slot Full Width of Top and Does not Weaken the Cover, the Front Opening of the Box is Brought Down Nearly Half Way, Thus Making the Mail Easily Accessible, Wording "U. S. Mail" Embossed in the Metal, Absolutely Storm-Proof

\$5.00

Weight Per Dozen 18 Pounds.

One-twelfth Dozen in a Box; One Dozen in a Crate.



20TH CENTURY

With Lock and Key.

11 inches High, 5½ inches Wide, 1½ inches Deep.

Per Dozen

No. 18—Gloss Black Japanned, 30 Gauge Sheet Steel Body and Top, with Patent Wire Package Holder

\$2.30

Weight Per Dozen 8 Pounds.

Six Dozen in a Box.



20TH CENTURY

With Lock and Two Keys.

11 inches High, 5 inches Wide, 2 inches Deep.

Per Dozen

No. 14—Gloss Black Japanned, 26 Gauge Smooth Steel Body and Top, Spring Clip for Papers and Parcels.....

\$4.00

Weight Per Dozen 12 Pounds.

One-half Dozen in a Box.



CAST IRON

With Staple for Padlock.

11½ inches High, 5¾ inches Wide, 9¾ inches Deep.

Per Dozen

No. 100—Japanned, Cast Iron, Hinged Slot Cover and Top, Covered Peep-Hole

\$8.00

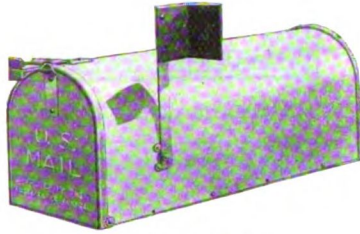
Weight Per Dozen 30 Pounds.

Open Stock.



RURAL MAIL BOXES

Built to Conform with Plans and Specifications of the U. S. Post Office Department.



Galvanized Steel.

No. 1—18½ inches Long, 6¼ inches Wide, 7½ inches High, Storm Proof, Door Hinged at Bottom, Flag Signal \$16.00
 Weight Per Dozen 120 Pounds.
 One-half Dozen in a Crate.



Galvanized Steel.

No. 2—23½ inches Long, 11 inches Wide, 14 inches High, Storm Proof, Door Hinged at Bottom, Flag Signal \$44.00
 Weight Per Dozen 300 Pounds.
 One-sixth Dozen in a Crate.

HOUSE NUMBERS

Fancy, Stamped Aluminum.
With Silver Plated Escutcheon Pins.

Per 100
 No. 33—3 inch, Polished.....\$5.00

ASSORTMENT OF 100 IN DISPLAY BOX

Per Assortment
 No. 033—3 inch, Same as Above, Assorted in Display Box, 10 of Each Number.....\$6.00

Gothic Pattern.
With Escutcheon Pins.

Per 100
 No. 23—3 inch, Brass, Nickel Plated\$18.00
 No. 43—3 inch, Stamped Aluminum, Polished 5.00

With Pegs on Back for Attaching.

Per 100
 No. 45—3 inch, Cast Aluminum, Polished\$22.00
 Open Stock.



Flat Pattern.

With Pegs on Back for Attaching.

Per 100
 No. 13—3 inch, Brass, Nickel Plated\$16.00

Open Stock.

HOUSE NUMBERS

Artistic Pattern, Non-Rusting
Composition Metal.
With Escutcheon Pins.

Per 100
 No. 52—3 inch, Cast Antique Copper, Polished, AB Finish\$19.00
 No. 53—3 inch, Cast, Old Brass, Polished, OB Finish..... 19.00
 One Dozen Numbers in a Box, with Pins; Each Number in an Envelope.

Artistic Pattern, Cast Bronze, Cast Plated.
With Round Head Screws for Attaching.

Per 100
 No. 54—4 inch, Antique Copper, Polished, AB Finish.....\$26.00
 No. 55—4 inch, Old Brass, Polished, OB Finish..... 26.00

Open Stock.

LETTERS



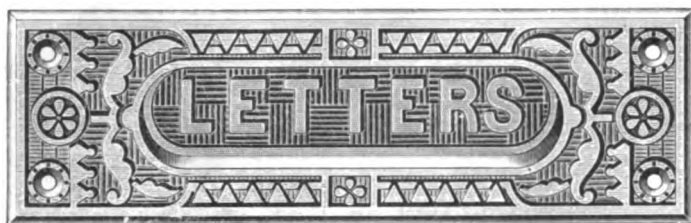
Oval Pattern.

With Pegs on Back for Attaching.

Per Dozen
 No. 75—3 inches, Cast Aluminum, Polished\$2.75

Open Stock.

LETTER BOX PLATES



Miniature Cut of Inside Plate.

Cast Iron, Plated.

Outside Plate $2\frac{1}{4} \times 7\frac{1}{2}$ inches, Opening $1\frac{1}{8} \times 4\frac{1}{2}$ inches, Inside Plate $2\frac{1}{4} \times 6\frac{3}{4}$ inches.

No. T256A—Tuscan Bronzed, T Finish.....

Per Dozen

\$5.50

One-sixth Dozen in a Box, with Screws.

LETTER BOX PLATES

MAIL BOX PLATES



Wrought Steel, with Back Plate.

 $2\frac{1}{4} \times 7$ inch Plate, $1 \times 4\frac{1}{2}$ inch Opening.

Per Dozen

No. 1754—Antique Copper, Polished, AB Finish.....\$12.00

No. 1756—Old Brass, Polished, OB Finish.....12.00

No. 1764—Antique Brass, Sanded, RD Finish.....12.00

Wrought Bronze, with Back Plate.

 $2\frac{1}{4} \times 7$ inch Plate, $1 \times 4\frac{1}{2}$ inch Opening.

Per Dozen

No. 1755—Antique Copper, Polished, AB Finish.....\$20.00

No. 1757—Old Brass, Polished, OB Finish.....20.00

No. 1765—Antique Brass, Sanded, RD Finish.....20.00

One-half Dozen in a Box, with Screws.

Wrought Steel, with Back Plate.

 8×10 inch Plate, $1\frac{1}{2} \times 7\frac{1}{2}$ inch Opening.

Per Dozen

No. 01754—Antique Copper, Polished, AB Finish.....\$20.00

No. 01756—Old Brass, Polished, OB Finish.....20.00

Wrought Bronze, with Back Plate.

 8×10 inch Plate, $1\frac{1}{2} \times 7\frac{1}{2}$ inch Opening.

Per Dozen

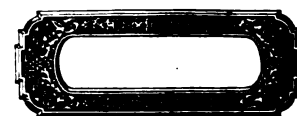
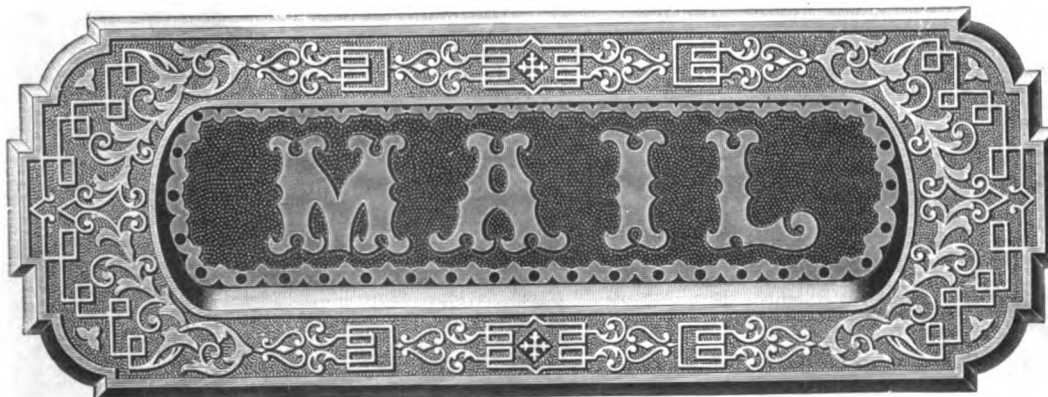
No. 01755—Antique Copper, Polished, AB Finish.....\$30.00

No. 01757—Old Brass, Polished, OB Finish.....30.00

These plates are designed to meet the demand for a mail box plate with a larger opening to receive ordinary magazines, journals, small packages, as well as letters.

One-half Dozen in a Box, with Screws.

LARGE LETTER BOX PLATES



Miniature Cut of Inside Plate.

Cast Iron, Plated.

Outside Plate 4×11 inches, Opening 2×8 inches, Inside Plate $3\frac{3}{4} \times 11$ inches.

Opening Large Enough for Magazines, Etc.

No. K376—Bronze Plated, K Finish.....

Per Dozen

\$30.00

One-twelfth Dozen in a Box, with Screws.

HAND RAIL BRACKETS

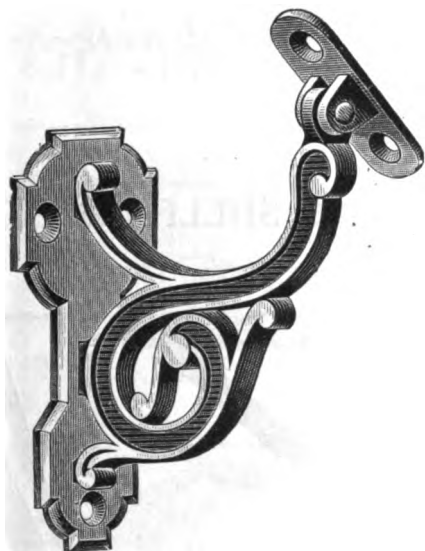
Cuts Half Size.



Wrought Steel.

6 inches Long, to Screw In.

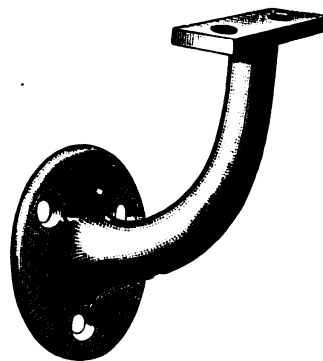
No. 50—Japanned Per Dozen \$1.80
One-half Dozen in a Box.



Cast Iron.

1 3/4 x 4 1/4 inch Base, 3 1/2 inch Projection.

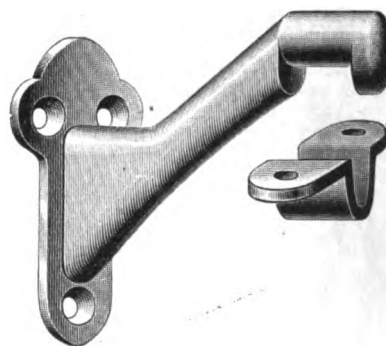
No. 210—Tuscan Bronzed Per Dozen \$3.40
One-quarter Dozen in a Box, with Screws.



Cast Iron, Plated.

2 1/4 inch Base, 2 1/2 inch Projection.

No. DA170—Antique Copper, DA Finish Per Dozen \$3.00
No. OT170—Old Brass, OT Finish 3.00
One-half Dozen in a Box, with Screws.



Cast Iron, Plated.

3 1/4 x 1 1/2 inch Base, 3 1/2 inch Projection.

No. DA420—Antique Copper, DA Finish Per Dozen \$3.30
No. OT420—Old Brass, OT Finish 3.30
One-half Dozen in a Box, with Screws.

HAND RAIL SCREWS



No. 51—Wrought Steel, One Nut and Washer.

Inches	1/8 x 4	1/8 x 4 1/2	1/8 x 5	1/8 x 5 1/2
Per Gross	\$9.00	10.00	11.25	12.25

One-quarter Gross in a Box.



No. 52—Wrought Steel, Two Nuts, One Washer.

Inches	1/8 x 4	1/8 x 4 1/2	1/8 x 5	1/8 x 5 1/2
Per Gross	\$10.25	11.25	12.50	13.50

One-quarter Gross in a Box.

SHELF RESTS

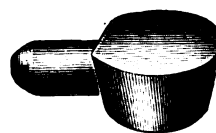
FOR MOVABLE SHELVES

Cuts Full Size.



Cast Iron, Coppered.

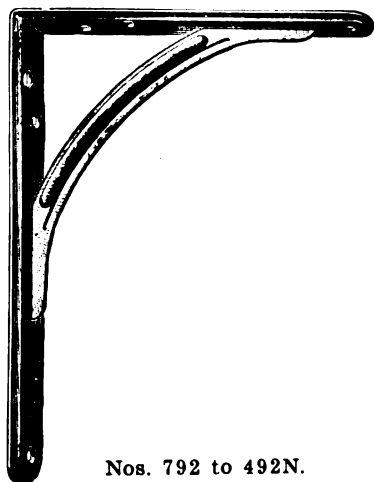
No. 20—Length of Pin 1/8 inch, Diameter of Pin 1/4 inch. Per Gross \$0.80
One Gross in a Box.



Cast Iron, Coppered.

No. 11—Length of Pin 1/2 inch, Diameter of Pin 1/4 inch. Per Gross \$1.00
One Gross in a Box.

SHELF BRACKETS



Nos. 792 to 492N.

WROUGHT STEEL

No. 792—Japanned.

Size, Inches	3x4	4x5	5x7	6x8	7x9	8x10	10x12	12x14	16x18
Per Dozen Pairs.....	\$1.20	1.60	2.40	3.00	3.60	4.20	6.00	9.00	20.00

3x4 and 4x5 inch, One Dozen Pairs; 5x7 to 7x9 inch, One-half Dozen Pairs; 8x10 to 16x18 inch, One-quarter Dozen Pairs in a Box.

No. 492F—Old Brass Plated.

Size, Inches	3x4	4x5	5x7	6x8	7x9	8x10	10x12	12x14
Per Dozen Pairs.....	\$3.75	4.40	6.20	8.20	8.70	9.00	12.00	13.00

No. 492D2—Old Copper Plated.

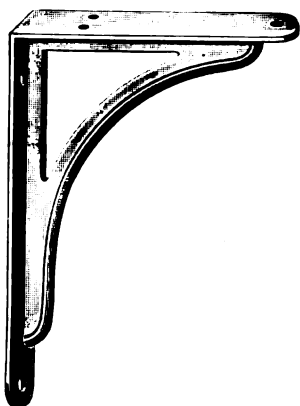
Size, Inches	3x4	4x5	5x7	6x8	7x9	8x10	10x12	12x14
Per Dozen Pairs.....	\$3.75	4.40	6.20	8.20	8.70	9.00	12.00	13.00

No. 492N—Nickel Plated.

Size, Inches	3x4	4x5	5x7	6x8	7x9	8x10	10x12	12x14	16x18
Per Dozen Pairs.....	\$3.75	4.40	6.20	8.20	8.70	9.00	12.00	13.00	30.00

3x4 to 7x9 inch, One-half Dozen Pairs; 8x10 to 12x14 inch, One-quarter Dozen Pairs in a Box, with Screws.

SHELF BRACKETS



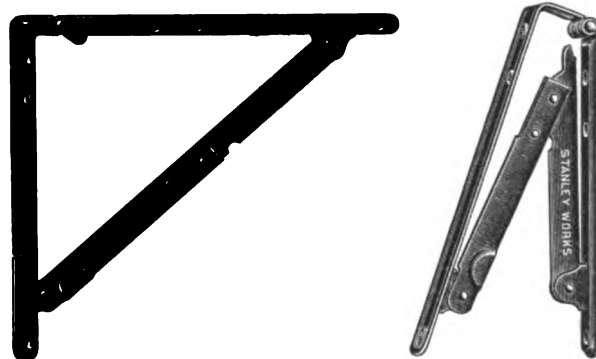
Extra Heavy, Cast Iron.

No. 48—Japanned.

Size, Inches	18x20
Per Dozen Pairs.....	\$14.40

One-quarter Dozen Pairs in a Box.

FOLDING SHELF BRACKETS



Wrought Steel.

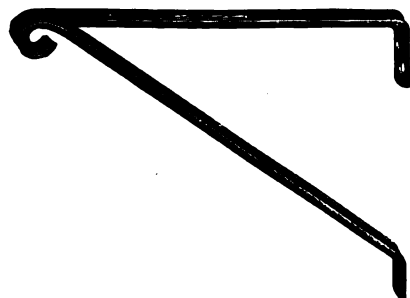
No. 794—Japanned.

Size, Inches	8x8	12x12
Per Dozen Pairs.....	\$8.00	12.00

The best Bracket made for folding shelves. Locks automatically when open and can be let down out of the way quickly and easily.

One Pair in a Box.

SINK BRACKETS



No. 797.

Wrought Steel, with Detachable Brace.

No. 797—Japanned.

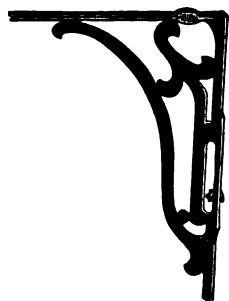
Size, Inches	11x14	12x17
For Sinks, Inches.....	14 to 18	18 to 20
Slots, Inches	$\frac{1}{8}$ x 4	$\frac{1}{8}$ x 4 $\frac{3}{4}$
Per Dozen Pairs.....	\$9.30	11.30

These Brackets are made of V-shaped steel, which adds materially to their strength.

The Brace can be detached without taking the Bracket from the wall.

11x14 inch, One-quarter Dozen Pairs; 12x17, One-twelfth Dozen Pairs in a Box.

SINK BRACKETS



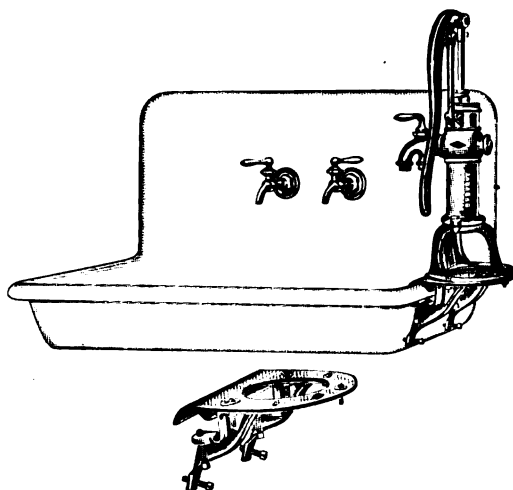
Iron, Japanned.

No. 5—14x16 inches, Adjustable, for Sinks 16 to 20 inches Wide\$12.00
Open Stock.

Per Dozen Pairs

KITCHEN SINK PUMP BRACKETS

"DIAMOND"



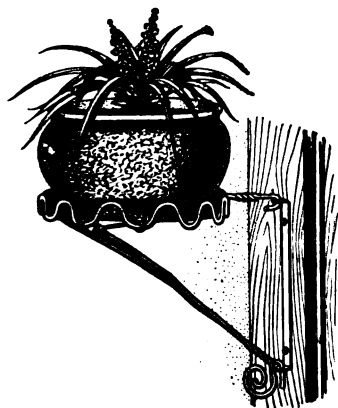
Cast Iron, Galvanized.

No. 10—Strongly Made, Neat, Small and Compact, Each
Occupies the Least Possible Amount of Space,
Complete with Adjusting Screws.....\$3.00

This Pump Bracket does not damage the Sink in any way, as there is a thin piece of leather or rubber placed under the Bracket where it grasps the top of the rim. There are two Set Screws in the lower extension arms of the Bracket and by adjusting these set screws the surface of the Bracket is brought to a satisfactory level with the Kitchen Sink regardless of any irregularity or unevenness of the side of the sink. The Suction Pipe of the Pump passes down through the center of the Bracket to the floor, where we recommend the use of a Nickel Plated Floor Flange or finishing ring.

Open Stock.

FLOWER POT BRACKETS



Steel Wire, Tinned.

Per Dozen
No. 501 —5 1/2 in. Disc. \$2.00
No. 501 1/2 —6 1/2 in. Disc. 2.50

Very neat and attractive in appearance.

Easily put up and instantly removed.

One Dozen in a Box, Complete with Wall Brackets and Screws.

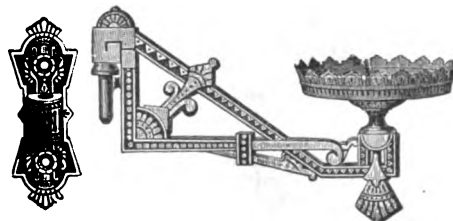
FLOWER POT BRACKETS



Cast Iron, Tuscan Bronzed.

No. 500—5 inch Arm, 4 1/2 inch Dish.....\$2.00
One-third Dozen in a Box, with Screws.

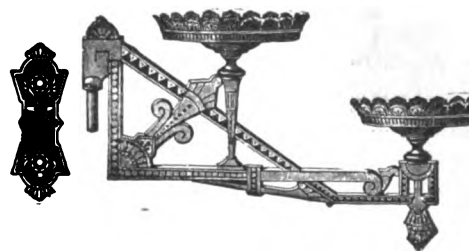
Per Dozen



Cast Iron, Tuscan Bronzed.

No. 310—6 inch Arm, 5 inch Dish, Weight Per Dozen
18 Lbs.\$4.00
No. 320—8 inch Arm, 6 inch Dish, Weight Per Dozen
22 Lbs.5.00
No. 330—10 inch Arm, 6 inch Dish, Weight Per Dozen
26 Lbs.7.00
One-third Dozen in a Box, with Screws.

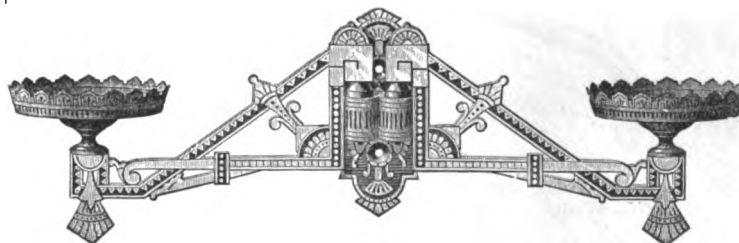
Per Dozen



Cast Iron, Tuscan Bronzed.

No. 340—12 inch Arm, One 5 inch and One 6 inch
Dish\$7.00
One-third Dozen in a Box, with Screws.

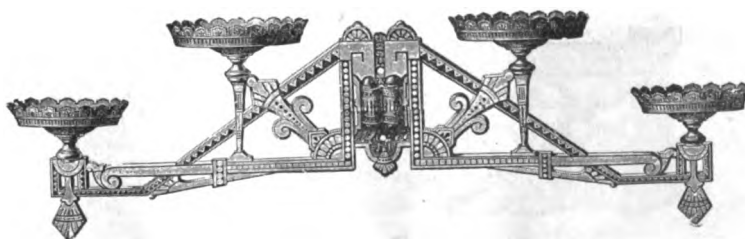
Per Dozen



Cast Iron, Tuscan Bronzed.

No. 360—Two 8 inch Arms, Two 6 inch Dishes.....\$8.00
One-third Dozen in a Box, with Screws.

Per Dozen

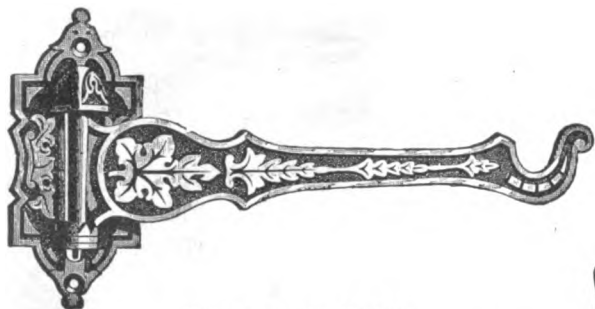


Cast Iron, Tuscan Bronzed.

No. 390—Two 12 inch Arms, Two 5 inch and Two
6 inch Dishes\$15.00
One-third Dozen in a Box, with Screws.

Per Dozen

BIRD CAGE HOOKS



Cast Iron, to Swing.

No. 115—8 1/4 inch Projection, Tuscan
Bronzed, to Swing Both Ways, Can be
Set at Any Angle.....\$2.00
One Dozen in a Box, with Screws.

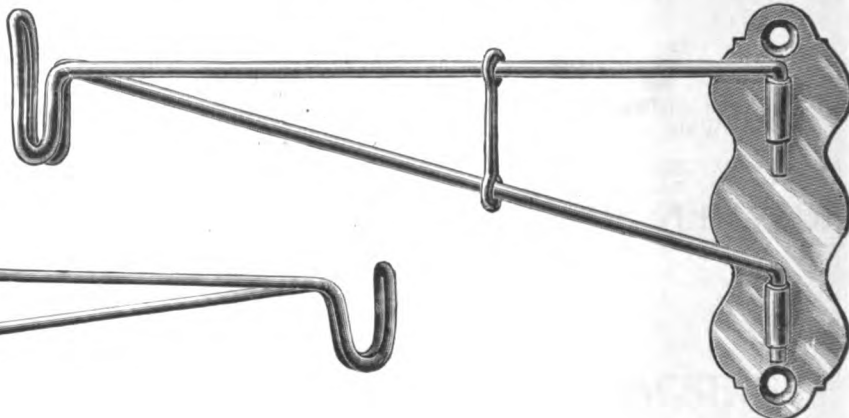
Per Dozen



Cast Iron, Steel Screw.

No. 33—8 1/8 inch Projection, Tuscan Bronzed.....\$1.00
One Dozen in a Box.

Per Dozen



Steel Wire, to Swing.

No. 233—8 inch Projection, Brass Plated, to Swing Both
Ways\$1.00
One Dozen in a Box.

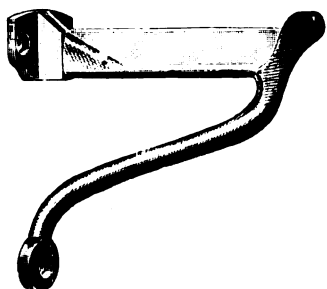
Per Dozen

Steel Wire, to Swing.

No. 11—10 inch Projection, Brass Plated, to Swing
Both Ways\$1.50
One Dozen in a Box.

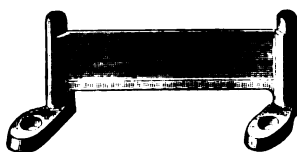
Per Dozen

FOOT SCRAPERS



No. 1—Cast Iron, Japanned, 6 1/2
inches Wide\$1.70
One Dozen in a Box.

Per Dozen



No. 2—Cast Iron, Japanned, 5 3/4
inches Wide, 2 1/2 inches
High\$1.10
One Dozen in a Box.

Per Dozen



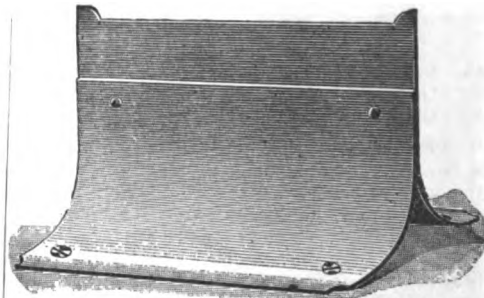
No. 4—Cast Iron, Japanned, 7
inches Wide, 2 inches High...\$1.60
Weight Per Dozen 10 Pounds.
One Dozen in a Box.

Per Dozen



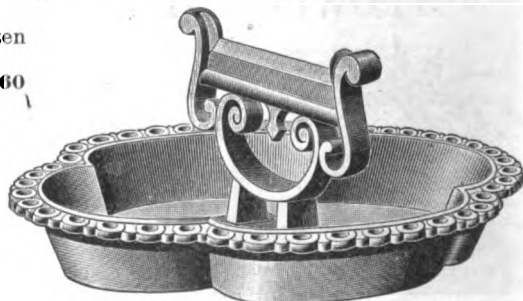
No. 5—Cast Iron, Japanned, 6
inches Wide, 4 inches High...\$1.80
One-half Dozen in a Box.

Per Dozen



No. 101—Wrought Steel, Black
Enameled, 6 inches Long...\$2.00
One Dozen in a Box, with Screws.

Per Dozen



No. 20—Cast Iron, Japanned,
11 1/4 x 8 1/2 inches, with Dish,
Cast in One Piece.....\$10.70

Per Dozen

Open Stock.

CEILING HOOKS

Cuts Half Size.



Steel Wire.

3 inch Projection.

No. 125—Coppered Steel Wire..... Per Gross \$3.40
One-half Gross in a Box.



Cast Iron, Cast Screw.

2 1/4 inch Projection.

No. 29—Japanned Per Gross \$2.00
One-half Gross in a Box.

COAT AND HAT HOOKS

Cuts Half Size.



Steel Wire.

2 1/2 inch Projection.

No. 60—Japanned Per Gross \$2.35

3 inch Projection.

No. 70—Japanned Per Gross \$2.55
No. 170—Coppered 2.40
No. N170—Nickel Plated, N Finish..... 4.50

3 1/2 inch Projection.

No. 80—Japanned Per Gross \$3.20
No. 180—Coppered 3.00
No. 60, One Gross; Nos. 70 to 180, One-half Gross in a Box.

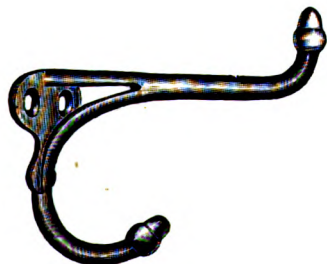


CHIEFTAIN, Steel Wire.

3 inch Projection.

No. 923—Japanned Per Gross \$2.55
No. 913—Coppered 2.40

One-half Gross in a Box.

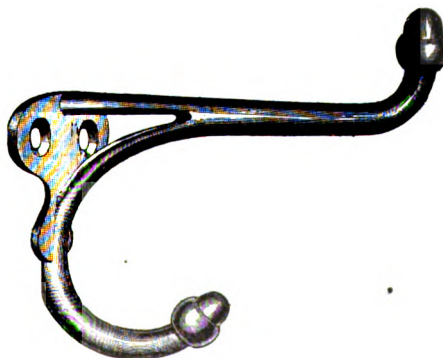


Cast Iron.

3 inch Projection.

No. 75—Japanned Per Gross \$2.40
No. 175—Coppered 2.40

One-half Gross in a Box.



Cast Iron.

3 5/8 inch Projection.

No. 8—Japanned Per Gross \$3.00
No. 108—Coppered 3.00

One-half Gross in a Box.



Cast Iron, Triple Hook.

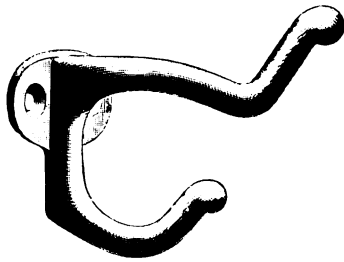
2 inch Projection.

No. 19 1/2—Japanned Per Gross \$3.10
No. 119 1/2—Coppered 3.10

One-half Gross in a Box.

COAT AND HAT HOOKS

Cuts Half Size.

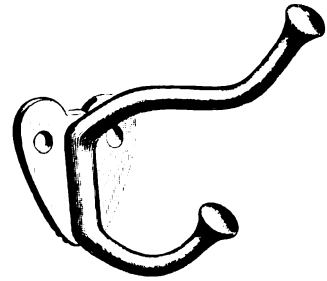


Cast Iron.

3 inch Projection.

	Per Gross
No. 6—Japanned, without Screws.....	\$5.00
No. DA406—Antique Copper, DA Finish, with Screws..	8.00
No. OT406—Old Brass, OT Finish, with Screws.....	8.00
No. NT406—Nickel Plated, NT Finish, with Screws....	8.00

One-quarter Gross in a Box.



Wrought Steel.

3 1/2 inch Projection.

Per Gross

No. OT2412—Brass Plated, OT Finish.....	\$15.00
No. DA2412—Antique Copper, DA Finish.....	15.00

Wrought Bronze.

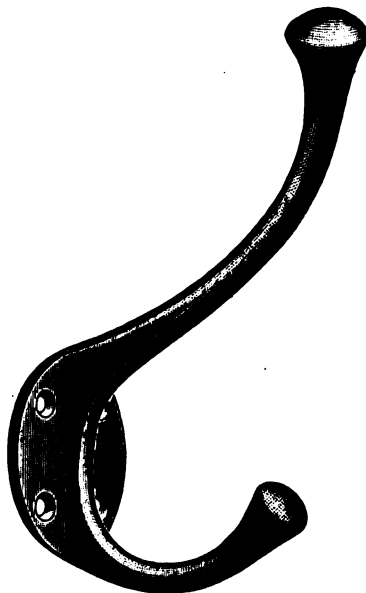
3 1/2 inch Projection.

Per Gross

No. AB2812P—Antique Copper, Polished, AB Finish..	\$37.00
No. OB2812P—Old Brass, Polished, OB Finish.....	37.00
No. N2812P—Nickel Plated, Polished, N Finish.....	37.00
Nos. OT2412 and DA2412, One-quarter Gross; Balance One-twelfth Gross in a Box, with Screws.	

COAT AND HAT HOOKS

Cuts Half Size.



Cast Iron.

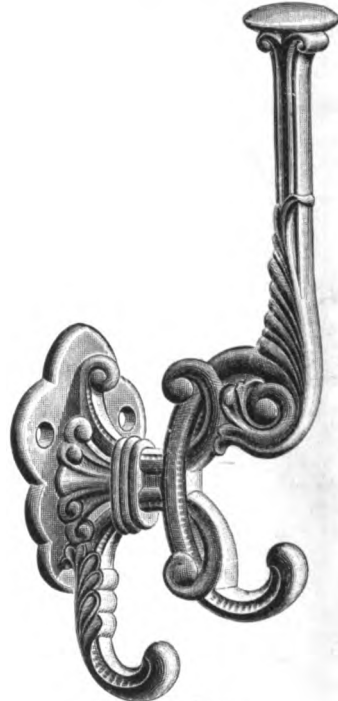
3 3/4 inch Projection.

	Per Gross
No. DA436—Antique Copper, DA Finish.....	\$42.00
No. OT436—Old Brass, OT Finish.....	42.00

One-twelfth Gross in a Box, with Screws.

HALL STAND HOOKS

Cuts Half Size.



Cast Iron.

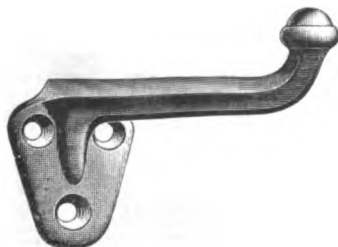
7 inches High.

Per Dozen

No. DA443—Antique Copper, DA Finish.....	\$4.20
No. OT443—Old Brass, OT Finish.....	4.20
One-third Dozen in a Box, with Screws.	

HOTEL OR SCHOOL HOUSE HOOKS

Cuts Half Size.



Cast Iron, Single Hook.

3 inch Projection.

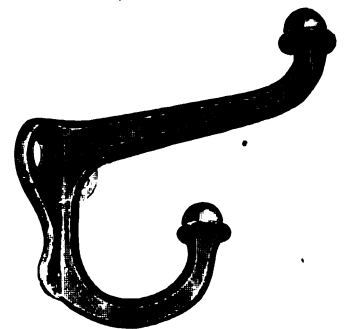
	Per Gross
No. 91—Japanned	\$4.40
One-quarter Gross in a Box.	



Cast Iron, Triple Hook.

2 7/8 inch Projection.

	Per Gross
No. 93—Japanned	\$7.40
One-quarter Gross in a Box.	



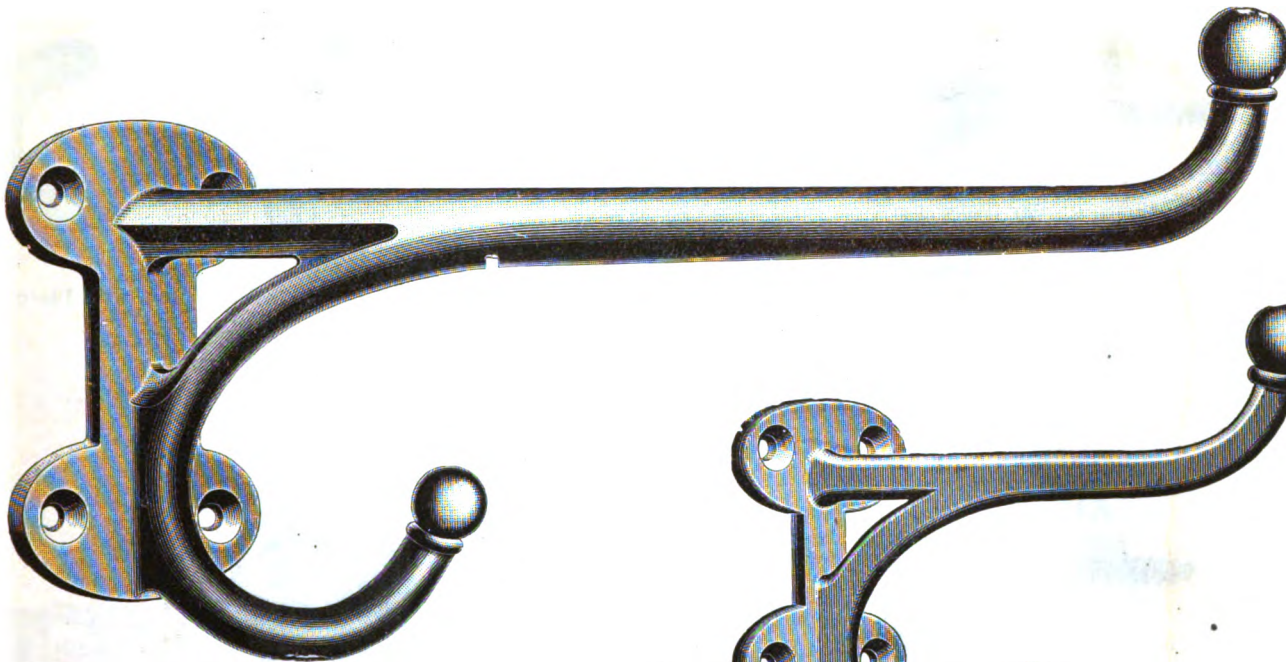
Cast Iron, Double Hook.

3 inch Projection.

Per Gross

No. 80—Japanned	\$5.50
No. 92—Japanned, Extra Heavy.	7.20
One-quarter Gross in a Box.	

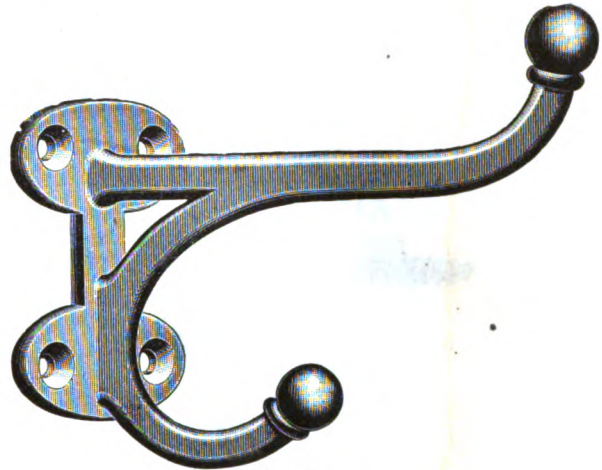
HARNESS HOOKS



Cast Iron, Japanned.

No. 110—Japanned, 10 inch Projection.....	Per Dozen \$3.00
No. 13—Japanned, 12 inch Projection.....	4.00

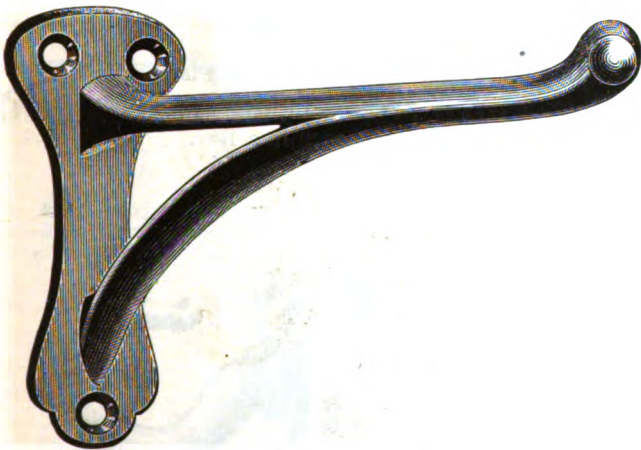
No. 110, One-half Dozen in a Box; No. 13, Open Stock.



Cast Iron.

No. 82—Japanned, 6 inch Projection.....	Per Dozen \$1.50
No. 12—Japanned, 8 inch Projection.....	1.50

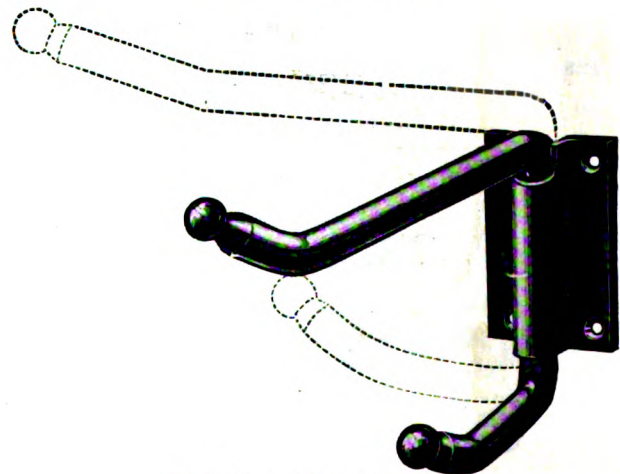
One Dozen in a Box.



Cast Iron.

No. 15—Japanned, 8 inch Projection.....	Per Dozen \$1.50
No. 16—Japanned, 10 inch Projection.....	1.75

One Dozen in a Box.



FOLDING, Wrought Steel.

No. 26—Black Japanned, 10 inch Projection.....	Per Dozen \$4.00
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This Hook folds back against the wall out of the way when not in use and locks automatically when swung into position for use.

One Dozen in a Box.



No. 9.

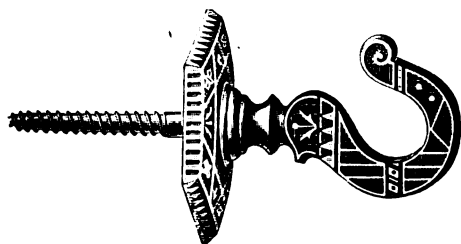
HARNESS OR BAGGAGE HOOKS

Cast Iron.

No. 9—Japanned, 5 1/2 inch Projection.....	Per Dozen \$1.00
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Two Dozen in a Box.

CHANDELIER HOOKS

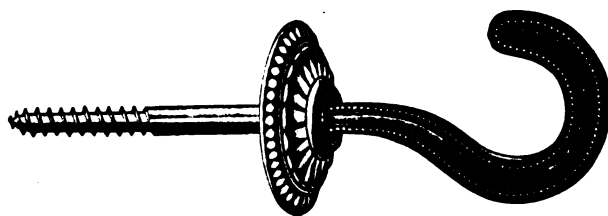


Cast Iron, Steel Screw.

No. T450—Tuscan Bronzed, T Finish, with Plate.

Length, Inches	2½	4
Per Dozen	\$1.10	1.50

One Dozen in a Box.



Wrought Steel, Steel Screw.

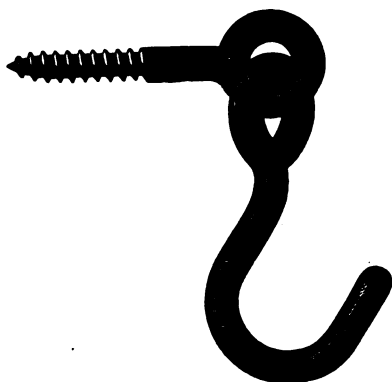
No. 10—Brass Plated and Polished, with Plate.

Length, Inches	2½	3
Per Dozen	\$2.25	2.50

One Dozen in a Box.

HAMMOCK HOOKS

Cuts Half Size.



Wrought Steel, with Screw.

No. 128— $\frac{1}{8}$ inch, Tinned	Per Dozen	\$0.90
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One Dozen in a Box.



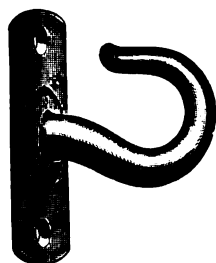
Wrought Steel, with Plate.

No. 138— $\frac{1}{8}$ inch, $1\frac{3}{4}$ x $1\frac{3}{4}$ inch Plate, Tinned	Per Dozen	\$1.00
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One Dozen in a Box.

CLOTHES LINE HOOKS

Cuts Half Size.

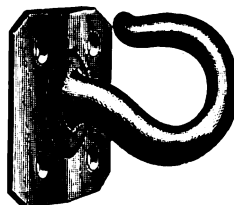


Cast Iron.

2 inch Projection.

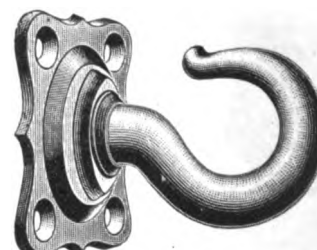
No. 3—Japanned, with Plate	Per Dozen	\$0.52
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Two Dozen in a Box.

Cast Iron.
2 inch Projection.

No. 2—Japanned, Heavy, with Plate	Per Dozen	\$0.55
No. 22—Galvanized, Heavy, with Plate .....		.92

Two Dozen in a Box.



Cast Iron.

3 inch Projection.

No. 1—Japanned, Extra Large and Heavy	Per Dozen	\$1.20
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One Dozen in a Box.

LINE CLEATS

Cuts Half Size.



Malleable Iron.

No. 114— $4\frac{1}{2}$ inch, Galvanized	Per Dozen	\$0.62
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Two Dozen in a Box.



Malleable Iron.

No. 115— $5\frac{7}{8}$ inch, Galvanized	Per Dozen	\$0.92
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Two Dozen in a Box.

SASH CORD

FRANKFURTH'S



White Cotton, Solid Braided.

Per Pound

- No. 7—B Quality, 7/32 inch Diameter, 52 feet to the Pound.....\$0.60
 No. 8—B Quality, 8/32 inch Diameter, 44 feet to the Pound..... .60
 One Hundred Feet in a Hank; One Dozen Hanks in a Bundle.

SILVER LAKE

White Cotton, Solid Braided.

A Quality.

Per Pound

- No. 8A—8/32 inch Diameter, 44 feet to the Pound....\$1.00

B Quality.

Per Pound

- No. 7B—7/32 inch Diameter, 52 feet to the Pound....\$0.90
 No. 8B—8/32 inch Diameter, 44 feet to the Pound.... .90
 One Hundred Feet in a Hank; One Dozen Hanks in a Bundle.

SASH CHAIN



Red Bronze Metal.

Per Foot

- No. 11—For Sash, Weighing not Over 125 Lbs.....\$0.10
 No. 12—For Sash, Weighing not Over 100 Lbs..... .08
 No. 10—For Sash, Weighing not Over 60 Lbs..... .06

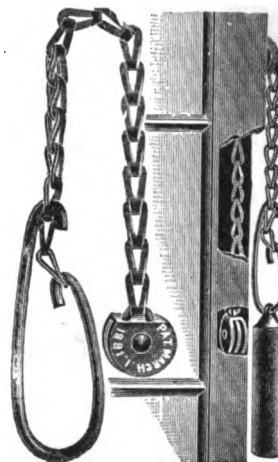


Coppered Steel.

Per Foot

- No. 1—For Sash, Weighing not Over 130 Lbs.....\$0.08
 No. 2—For Sash, Weighing not Over 80 Lbs..... .06
 No. 0—For Sash, Weighing not Over 40 Lbs..... .04

SASH CHAIN FIXTURES

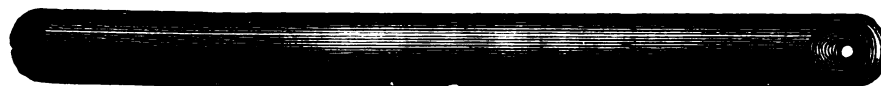


Per Set

- No. 11F—Set, 4 Hooks, 4 Rings, 4 Irons, Complete Set
 2 Sash, Suitable for 0, 1, 2, 10, 11 and 12 Sash
 Chain\$0.14

Open Stock.

SASH WEIGHTS



Style of 3 to 22 Lb. Regular Round Weights.

Weight, Lbs.	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½
Diameter, Inches	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Length, Inches	10	12½	15½	14½	16	16½	16½	17	18	17½	18	19½	20½
Weight, Lbs.	9	9½	10	11	12	13	14	15	16	18	20	22	
Diameter, Inches	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	2	2	
Length, Inches	21½	22½	23½	25½	27½	26	28	30	26½	29¾	26	28½	
													Per 100 Lbs.

Round Sash Weight, All Sizes.....\$

Round Sash Weight, ½ Pound.....

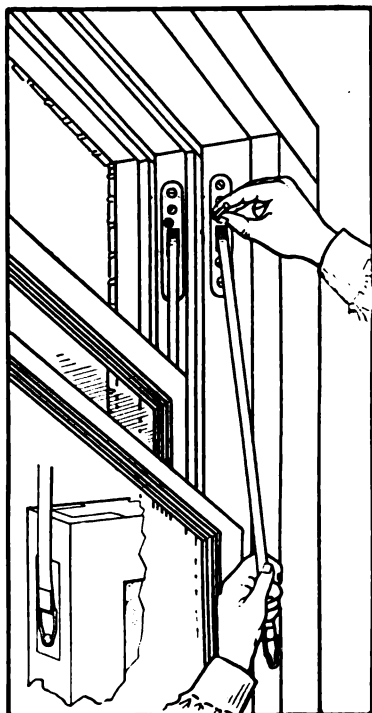
TABLE OF WEIGHTS OF TWO OR FOUR LIGHT WINDOWS

Thickness 1½ inches.

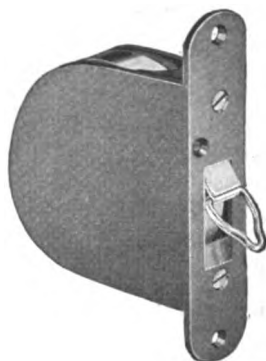
Size, Inches	20x24	20x29	20x32	20x36	20x40	24x30	24x32	24x36	24x40	26x30	26x32
Weight, Single Strength, Lbs.....	21	22	23	25	26	24	25	27	29	25	26
Sash Weights Required, Lbs.....	5	5½	6	6	6½	6	6	6½	7½	6	6½
Weight, Double Strength, Lbs.....	23	25	26	28	30	26	28	30	33	28	30
Sash Weights Required, Lbs.....	5½	6	6½	7	7½	6½	7	7½	8	7	7½
Size, Inches	26x34	26x36	26x40	26x44	26x48	28x32	28x36	28x40	28x44	28x48	
Weight, Single Strength, Lbs.....	26	27	30	32	34	28	30	32	34	36	
Sash Weights Required, Lbs.....	6½	6½	7½	8	8½	7	7½	8	8½	9	
Weight, Double Strength, Lbs.....	30	31	34	36	39	32	34	36	38	40	
Sash Weights Required, Lbs.....	7½	8	8½	9	9½	8	8½	9	9½	10	

SASH BALANCES

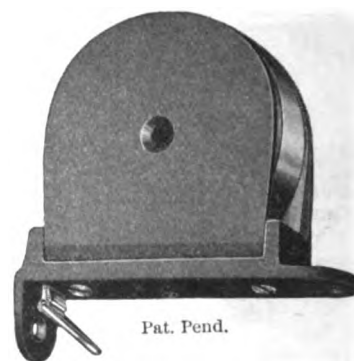
CALDWELL'S, SIDE



Cut Shows Method of Applying.



Side.



Top.

Uniform Mortise Type.

Iron Case and Face, Steel Coil Spring.

Face Plate $5\frac{1}{4}$ inches Long, $1\frac{1}{4}$ inches Wide, Mortise $3\frac{1}{8}$ inches Long, $1\frac{1}{4}$ inches Wide, $3\frac{3}{8}$ inches Deep.

Nos.	B6	B8	B10	B12	B14	B16
For Sash, Weight Each, Lbs.	4 to 6	6 to 8	8 to 10	10 to 12	12 to 14	14 to 16
Length of Tape, Inches	30	30	34	38	42	42
Per Set of Four	\$2.00	2.20	2.40	2.60	2.80	3.00

Nos.	B18	B20	B23	B26	B29	B32
For Sash, Weight Each, Lbs.	16 to 18	18 to 20	20 to 23	23 to 26	26 to 29	29 to 32
Length of Tape, Inches	44	46	50	50	52	52
Per Set of Four	\$3.20	3.40	4.00	4.25	4.50	4.75

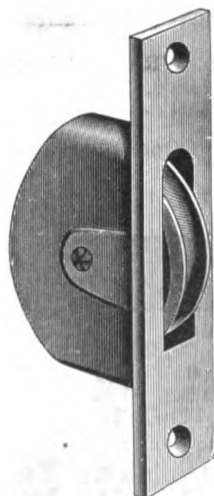
In applying Caldwell's Sash Balances to window frame draw suspension band down to desired length. Insert nail in hole in face plate until it catches and locks drum. Fasten loop securely to edge of sash as shown in illustration.

One Set (4 Balances), Complete to Hang One Complete Window (2 Sash), in a Box, with Screws.

Note—Side Balances, for Heavier Sash, also Top Balances, Can be Furnished to Order.

FRAME PULLEYS

NOISELESS

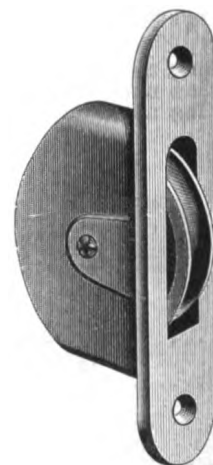


Square End.

Turned Iron Wheel, Round Groove, Steel Axle.

No.	Wheel	Wheel	Wheel	Wheel	Wheel	Wheel	Per Dozen
No. T22	2 1/4 inch	Wheel, 1 1/8 x 5 1/4 inch	Tuscan				
	Bronzed, T Finish	Face					\$1.90
No. T22	2 1/2 inch	Wheel, 1 1/4 x 5 1/8 inch	Tuscan				2.30
	Bronzed, T Finish	Face					
No. AB22	2 1/4 inch	Wheel, 1 1/8 x 5 1/4 inch	Antique				3.10
	Copper, Polished AB Finish	Face					
No. AB22	2 1/2 inch	Wheel, 1 1/4 x 5 1/8 inch	Antique				3.60
	Copper, Polished, AB Finish	Face					
No. OB22	2 1/4 inch	Wheel, 1 1/8 x 5 1/4 inch	Old Brass,				3.10
	Polished, OB Finish	Face					
No. OB22	2 1/2 inch	Wheel, 1 1/4 x 5 1/8 inch	Old Brass,				3.60
	Polished, OB Finish	Face					

One Dozen in a Box, with Screws.



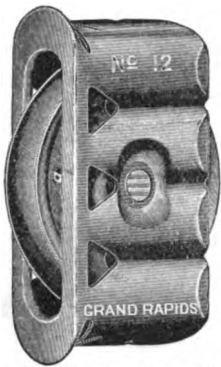
Round End.

Turned Iron Wheel, Round Groove, Steel Axle.

No.	Wheel	Wheel	Wheel	Wheel	Wheel	Wheel	Per Dozen
No. AB222	2 1/4 inch	Wheel, 1 1/8 x 5 1/4 inch	Antique				
	Copper, Polished AB Finish	Face					\$3.10
No. AB222	2 1/2 inch	Wheel, 1 1/4 x 5 1/8 inch	Antique				3.60
	Copper, Polished AB Finish	Face					
No. OB222	2 1/4 inch	Wheel, 1 1/8 x 5 1/4 inch	Old Brass,				3.10
	Polished OB Finish	Face					
No. OB222	2 1/2 inch	Wheel, 1 1/4 x 5 1/8 inch	Old Brass,				3.10
	Polished OB Finish	Face					

One Dozen in a Box, with Screws.

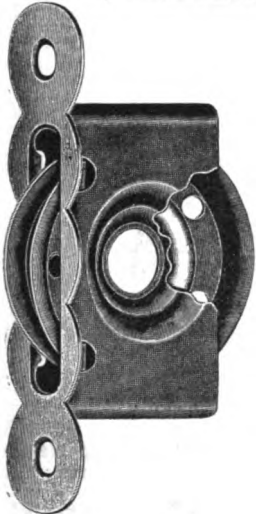
GRAND RAPIDS, AXLE BEARING



Wrought Steel, Axle Bearing.

Per Dozen
No. 12—2 inch Wheel, Natural
Polished Steel\$0.65
This Pulley has a tongue fastening
device which is more secure than nails
or screws. In Bulk.

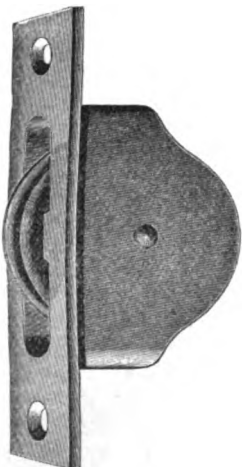
GRAND RAPIDS, CONE BEARING



Wrought Steel, Cone Bearing.

Per Dozen
No. 108—2 inch Wheel, 4x1 inch
Face, Black Weather-Proof
Finish\$0.60
The life of a Sash Pulley is that of
its Bearing, large bearing, self-lubri-
cated. Open Stock.

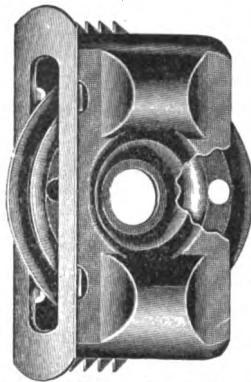
SQUARE END



No. 2—Polished Wheel, Wrought Iron Axle.

Inches	2	2 1/4	2 1/2
Per Dozen	\$0.45	.65	.95

Open Stock.

FRAME PULLEYS
GRAND RAPIDS, CONE BEARING

Wrought Steel, Cone Bearing.

Per Dozen
No. 110—2 inch Wheel, Black
Weather-Proof Finish\$0.65
The automatic saw-tooth fastening
device holds the Pulley securely. Sim-
ply drive the Pulley into the mortise.
In Bulk.

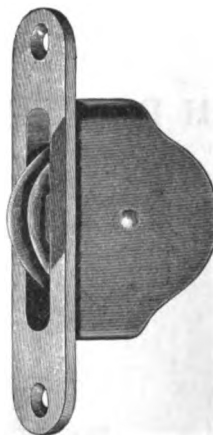
FOX, AXLE BEARING



Wrought Steel, Axle Bearing.

Per Dozen
No. 3—2 inch Wheel, Natural
Polished Steel\$0.65
Fastened in the wood by simply driv-
ing the pulley. The four corners cut
into the wood and hold more solidly
than any number of screws.
In Bulk.

ROUND END

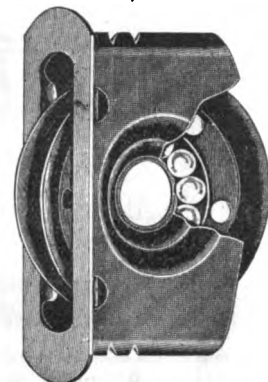


No. 4—Polished Wheel, Wrought Iron Axle.

Inches	2	2 1/4
Per Dozen	\$0.45	.65

Open Stock.

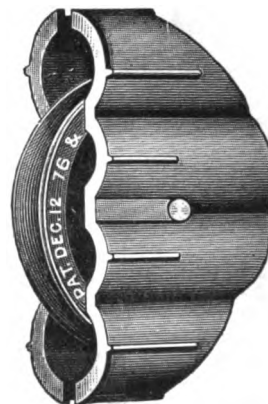
GRAND RAPIDS, BALL BEARING



Wrought Steel, Ball Bearing.

Per Dozen
No. 5—2 inch Wheel, for 2 1/2 x 3/8
inch Mortise, Black Weather-
Proof Finish\$0.70
The extreme size of the bearing in-
sures long life, rigidity of wheel and
smoothness of operation.
Open Stock.

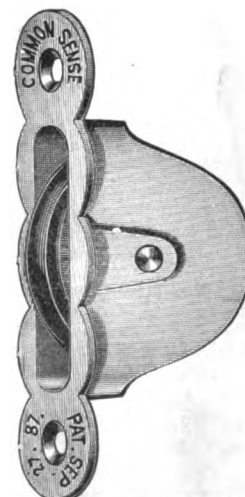
EMPIRE



Per Dozen
No. 50—2 inch Polished Wheel,
Steel Axle\$0.60

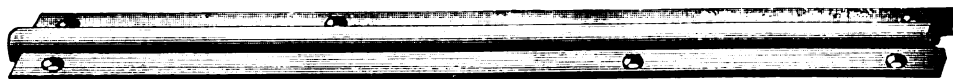
Open Stock.

COMMON SENSE



Per Dozen
No. 8—2 inch Polished Wheel,\$0.45
In Bulk.

SLIDING DOOR RAIL



Cast Iron, Painted.

No. 135—1 1/4 inch, Cast Iron, Painted, in 2 foot Lengths. **Per 100 Feet \$8.00**



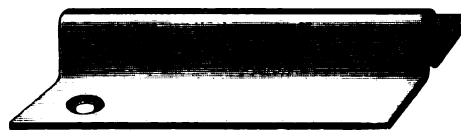
Wrought Steel, Plated.

Width 3/4 inch.

Per Foot

No. 491C —Brass Plated **\$0.12**
 No. 491D2—Antique Copper Finish. **.12**

In 4, 6 and 8 Foot Lengths.



Wrought Steel.

Width 3/4 inch.

Per Foot

No. 34—Antique Copper Plated. **\$0.10**

Suitable for No. 347 Sheave.

In 4, 6 and 8 Foot Lengths.

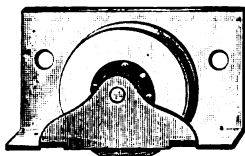
SLIDING SASH SHEAVES



Iron Case.

Per Set of Four

No. 112—1/8 inch Face, 1 1/4 inch Brass Wheel. **\$0.80**
 For use on Nos. 135, 491 and 34 Rail.
 Two Dozen in a Box.



Wrought Steel Case, Ball Bearing.

Per Set of Four

No. 152—1/2 inch Face, 1 1/2 x 2 3/8 inch Case, 1 3/8 inch
 Steel Wheel **\$1.00**
 For use on Nos. 135, 491 and 34 Rail.
 Two Dozen in a Box.



Wrought Steel Frame.

Per Set of Four

No. 347—1 1/4 inch Ball Bearing Wheel, Solid Hardened
 Steel Balls, Seamless Hardened Steel Tires. **\$0.60**

Strong, easy running, quickly and accurately applied.

The Tires are made on automatic screw machine, turned
 on both sides, reamed inside makes it a true running bearing.

These Sheaves are welded together, making one piece of
 two frames. It is stronger and less noisy.

For use on No. 34 Rail.

One Dozen in a Box.

SASH ROLLERS



No. 10—Cast Iron, Japanned.

Width, Inches	5/8	3/4	7/8
Diameter Wheel, Inches.	5/8	5/8	3/4
Plate, Inches	5/8 x 1 1/2	3/4 x 1 5/8	7/8 x 2
Per Gross	\$2.70	3.20	4.20

Width, Inches	1	1 1/4
Diameter Wheels, Inches.	7/8	1
Plate, Inches	1 x 2 1/2	1 1/4 x 2 1/4
Per Gross	\$5.40	7.70

5/8 to 1 inch, One-half Gross; 1 1/4 inch, One-quarter Gross
 in a Box.



Cast Iron, Japanned, Extra Heavy.

Nos.	1	2
Diameter Wheel, Inches.	1 1/4	1 1/2
Size Plate, Inches.	1 x 2 3/4	1 1/4 x 3 1/4
Per Gross	\$8.00	12.00

No. 1, One-sixth Gross; No. 2, One-twelfth Gross in a Box.

DUMB WAITERS

HELLER'S

For Residences, Offices, Stores, Etc.

No. 1—25 Lbs. Capacity, Complete with Sheaves, Guides, Weights and Ropes, for 12 foot Lift, Ready to Set Up.....**\$60.00** Each

For Restaurants, Stores, Apartment Buildings, Etc.

No. 2—50 to 75 Lbs. Capacity, Automatic Brake, Complete with Machine, Guides, Weights and Ropes, for 12 foot Lift, Ready to Set Up.....**\$75.00** Each

Extra for Each Additional Foot, Add 20c Net.

All sheaves and bearings are a part of the main frame and cannot be placed otherwise than in the correct position, thus insuring no binding or undue wearing of the rope, as is often the case with other machines. Neither can they work loose after being operated a few weeks or months. Has self-oiling devices which need but little attention.

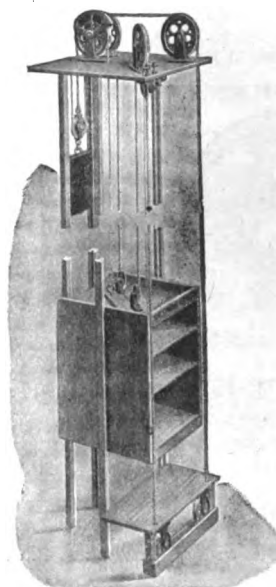
The automatic brake which is very powerful and always reliable, enables one to stop the car and hold it at any point without the use of an extra brake rope.

The No. 2 machines can be supplied with two hand rope wheels at opposite sides, and the weights can be placed at the right, left or rear, as desired.

When Ordering, Give Size of Opening and Height.

DUMB WAITER FIXTURES

NEW YORK SAFETY



New York Safety—Dumb Waiter Fixtures Only, Including All Pulleys and Brake, no Rope, Weights or Car.....**\$35.00** Per Set

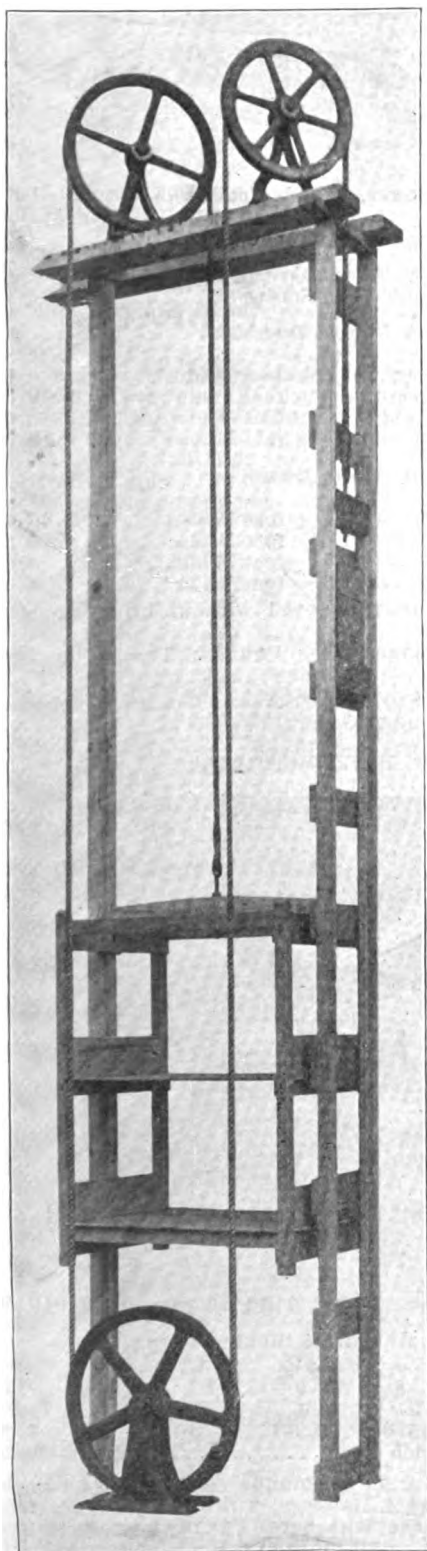
Fixtures one size only, suitable for all well holes under 24 inches square, not larger. Can be set up by any mechanic, diagrams for erecting accompany each set.

The wheels should be placed on top of car so weight of car shall be lifted from the center in all cases. They can be placed diagonally if necessary to accomplish this.

Counter weights should weigh about the same as the combined weight of the car and the two wheels on top, not less. Always use flat counter weights, which can be run in guides or box as desired

For stringing use pliable cotton rope, or operating $\frac{1}{2}$ inch, for safety $\frac{3}{8}$ inch, for brake $\frac{1}{4}$ inch. Samples of rope sent with each set.

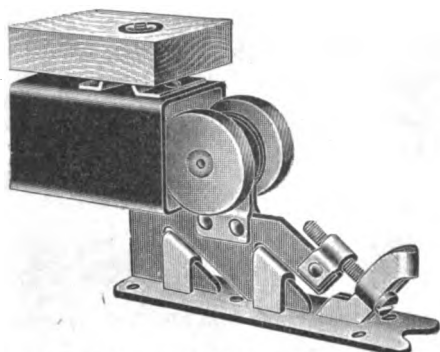
One Set in a Box.



Nos. 1 and 2.

HOUSE DOOR HANGERS

R-W HERO TROLLEY BALL BEARING



Adjustable Steel Hanger, Wood Header, 2 1/4 inch Diameter Vulcanized Fibre Wheels, Steel Ball Bearings, Blue Lacquer Finish, 16 Gauge Steel Track.

No. 19—Complete with Track, Overhead Center Stop, Floor Guides and Screws.

For Double Doors.

	Per Set
No. 19-25 —For Openings 5 feet Wide.....	\$7.20
No. 19-25 1/2 —For Openings 5 1/2 feet Wide.....	7.20
No. 19-26 —For Openings 6 feet Wide.....	7.20
No. 19-26 1/2 —For Openings 6 1/2 feet Wide.....	7.50

For Single Doors.

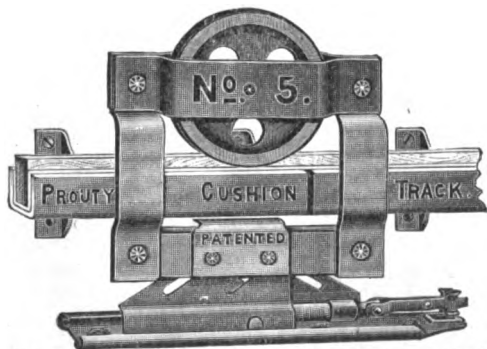
	Per Set
No. 19-14 —For Openings 4 feet Wide.....	\$4.20
No. 19-14 1/2 —For Openings 4 1/2 feet Wide.....	4.50
No. 19-15 —For Openings 5 feet Wide.....	4.80
No. 19-15 1/2 —For Openings 5 1/2 feet Wide.....	5.40

The Track can be easily removed without injury to plastered walls.

Weight Full Set of Hangers 5 1/2 Pounds, Track Per Foot 2 1/4 Pounds.

Hangers, One Set in a Box, with Screws; Track Attached to Header, Separately.

PROUTY CUSHION TRACK



All Steel Hardened Axle, Hard Maple Rail.

For Double Doors.

Per Set

No. 5D—Full Set of 4 Hangers, with 14 feet of Track, Weight Per Set 25 Lbs.....\$6.80

For Single Doors.

No. 5S—Half Set of 2 Hangers, with 8 feet of Track, Weight Per Set 13 Lbs.....3.25

The special locking adjustment on the Hanger for raising or lowering the door is absolutely positive, for it is designed with a horizontal adjustment screw, which does not carry the weight of the door, but is used for adjustment only. It prevents the door from sagging and keeps it always in place.

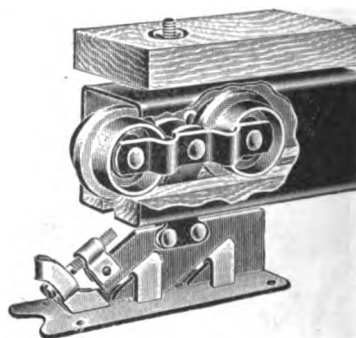
The Hanger is fitted with special noiseless bearings, the tread being turned true to fit track. The axle is hardened and sound-deadening felt compression washers carefully protected by steel stationary washers prevent the wheel from side-play or rattle.

The track is especially constructed for No. 5 Hanger only. The hard maple rail is thoroughly kiln dried and mounted in a felt cushion supported by metal case.

The floor guides are special rubber tired roller guides, align and guide the door perfectly without binding.

Hangers, One Set in a Box, with Screws; Track Separate.

R-W ROYAL TROLLEY BALL BEARING



Adjustable Steel Hanger, Wood Header, 2 1/4 inch Diameter Lathe Turned Gray Iron Wheels, Steel Ball Bearings, Blue Lacquer Finish, 16 Gauge Steel Track.

No. R122—Complete with Track, Overhead Center Stop, Floor Guides and Screws.

For Double Doors.

	Per Set
No. R122-25 —For Openings 5 feet Wide.....	\$ 9.60
No. R122-25 1/2 —For Openings 5 1/2 feet Wide.....	9.60
No. R122-26 —For Openings 6 feet Wide.....	9.60
No. R122-26 1/2 —For Openings 6 1/2 feet Wide.....	10.08

For Single Doors.

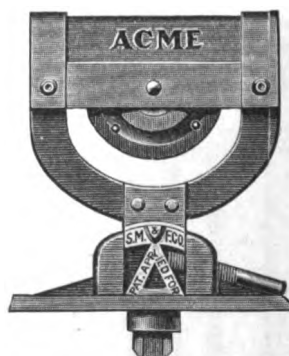
	Per Set
No. R122-14 —For Openings 4 feet Wide.....	\$5.70
No. R122-14 1/2 —For Openings 4 1/2 feet Wide.....	6.18
No. R122-15 —For Openings 5 feet Wide.....	6.60
No. R122-15 1/2 —For Openings 5 1/2 feet Wide.....	7.08

The Track can be easily removed without injury to plastered walls.

Weight Full Set of Hangers 9 1/2 Pounds; Track Per Foot 3 Pounds.

Hangers, One Set in a Box, with Screws; Track Attached to Header, Separately.

ACME, BALL BEARING



All Steel, Fibre Bearing Steel Wheel, Ball Bearing, End Adjustment, Adjustable Steel Track.

No. 4A—Full Set for Double Doors.

Opening, Feet ...	4	4 1/2	5	5 1/2	6	7
Track, Feet	8	9	10	11	12	14
No. of Piece of Track	1	1	2	2	2	2
Per Set	\$9.80	9.80	9.80	9.80	9.80	10.50

No. 2A—Half Set for Single Doors.

Opening, Feet	4	4 1/2	5	5 1/2	6
Track, Feet	8	9	10	11	12
No. of Piece of Track	1	1	2	2	2
Per Set	\$5.60	5.95	6.30	6.65	7.00
Extra Track—1 1/2 x 1/4 inch	Per Foot, \$0.20				

Average Weight of No. 4A Set 50 Pounds, of No. 2A 34 Pounds.

A full set consists of 4 Hangers, 2 Stops, 2 2 1/2 x 3/8 inch Lag Screws, 2 Floor Guides, with Screws 1x13, 24 2 1/4 x 12 inch Screws for Hangers, Steel Rail on Board 3/4 x 4 inch.

A half set consists of 2 Hangers, 1 Floor Guide with Screws 1x13, 12 2 1/4 x 12 Screws for Hanger, Steel Rail on Board 3/4 x 4 inch.

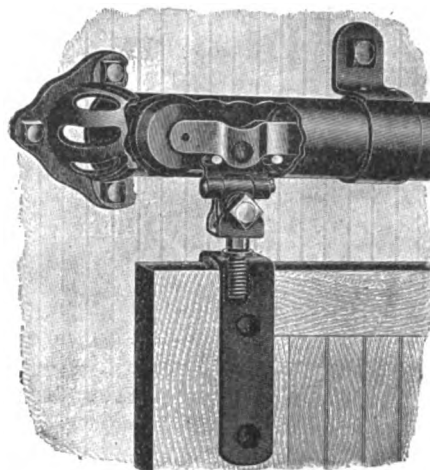
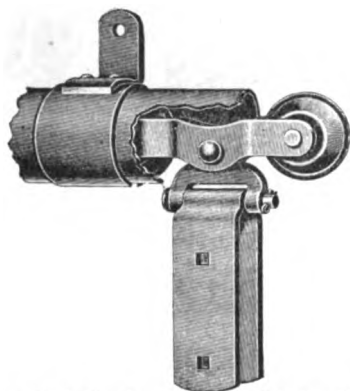
One Set in a Box.

BARN DOOR HANGERS

CANNON BALL, FLEXIBLE, ROLLER BEARING

NON-ADJUSTABLE

ADJUSTABLE



Tandem, Flexible, Frictionless, Wrought Steel Truss Frame, Non-Adjustable, Painted.

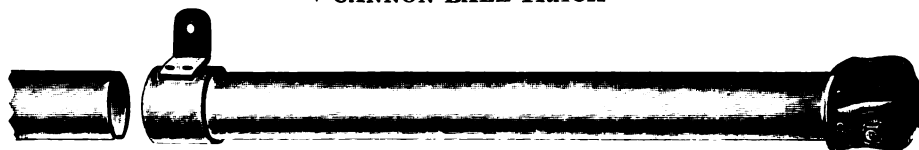
No. 884—2 1/4 inch Noiseless Wide Tread, Special Steel Ball Wheels, Hardened Steel Rollers, 1 1/4 x 6 1/4 inch Japanned Steel Door Straps, 9 1/2 inch Malleable Iron Pendant Loop.....\$24.00
Weight Per Dozen Pairs 74 Pounds.

The Cannon Ball Hanger Runs inside the track, not outside. It is frictionless and noiseless. The frame is double strap, light and steady running, completely enclosed, water and bird proof.

★The adjustment of the door up and down on No. 507 Hanger is accomplished by means of a vertical adjustment screw and plate which rests on the top of the door under the strap. The adjusting screw has a large flat head 1 1/4 inch diameter and 1/4 inch thick, which hangs in the lateral adjustment stirrup.

One Pair in a Box with Bolts, Six Pairs in a Case.

CANNON BALL TRACK



View Showing Section of Track and Center and End Brackets.

No. 387—Cannon Ball, 2 1/4 inch Diameter, 14 Gauge Steel, with 1/4 inch Slot on Under Side to Take Hanger Frame, 2 1/2 inch Steel Splices, with 1 1/2 x 1/4 inch Brackets Attached, 3 foot Sections.....\$0.24
Weight of Track Per Crate of 96 Feet 205 Pounds.
Extra Center Brackets—For Cannon Ball Track, Weight Per Dozen 11 Lbs.....\$1.80
Extra End Brackets—For Cannon Ball Track, Weight Per Dozen 7 Lbs.....1.80

WATERSHED, TANDEM TYPE

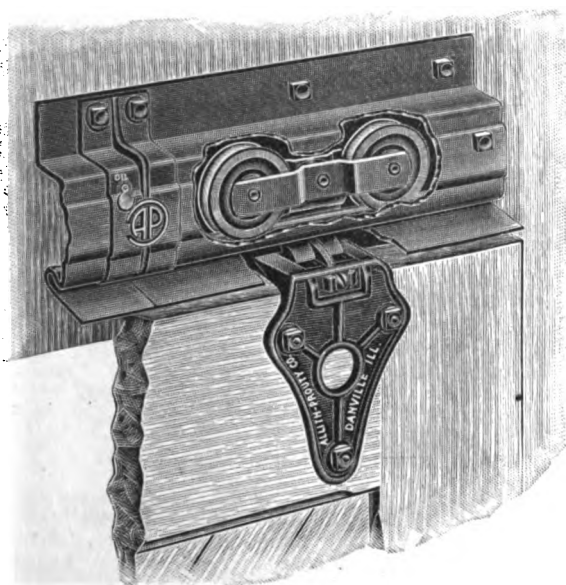
Hanger—This Hanger is of the Tandem Type, made of best quality malleable iron and finished in black enamel. Roller Bearings with rounded ends reduce friction and prevent the bearings from cutting into the frame. Hanger adjustment permits its use on doors of different thickness. Swing-out feature is provided by the Frictionless Tilting of the Hanger Wheels on the rounded tread of the track.

Track—Made of 14 gauge high carbon steel, without rivets and electric weld, making the strongest and most rigid Barn Door Track of its type. The rounded surface forms an ideal bearing surface for the wheels. Self-cleaning and bird-proof. Opening at bottom of track only 5/8 inch. Ribbed malleable joint brackets with oil holes through which the hanger bearings may be oiled. Bolts tightly to wall every 12 inches. No center brackets used.

Non-Breakable Malleable Iron Frame, Rounded End Steel Roller Bearings, Adjustable, Weather Weight and Bird-Proof, Self-Cleaning.

No. 1010—Hangers, Black Japanned, Adjustable in and Out from Building, with Joint Bracket, Two End Stops and Bolts for Hangers and Lag Screws for Track, Weight Per Dozen Pairs 115 Lbs.....\$24.00
No. 1010G—Hangers, Galvanized, Otherwise Same as No. 1010... 26.50

One Pair in a Box.

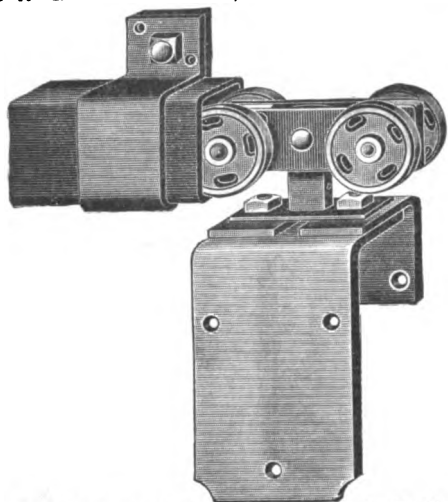


No. 1010T—Track, Black Japanned, in 6, 8 and 10 foot Lengths, Lag Screws for Track with Hangers, Weight Per 100 feet 240 Lbs.....\$24.00
No. 1010TG—Track, Galvanized, Otherwise Same as No. 1010T... 26.50
Three Pieces in a Bundle.

No. 1010J—Joint Bracket, Japanned, Weight Per 100 80 Lbs.....\$24.00
No. 1010JG—Joint Bracket, Galvanized, Weight Per 100 80 Lbs.....26.50

BARN DOOR HANGERS

R-W GEM TROLLEY, ROLLER BEARING



Steel Frame, Japanned, Hardened Steel Roller Bearings, Lateral Adjustment. Per Pair

No. 20—2 1/8 inch Diameter Lathe Turned Gray Iron Wheels, Apron 6 inches Long, 3 1/2 inches Wide, 1/8 inch Thick, Punched for 3/8 inch Bolts, for Doors 1 3/4 to 2 1/2 inches, Complete with One Center and Two End Brackets, Runs in No. 31 Track.....\$2.90
Weight Per Pair 10 Pounds.
One Pair in a Box, with Bolts and Screws.

No. 31—Track, 16 Gauge Wrought Steel, Black Japanned, 2 3/8 x 1 7/8 inches, in 4, 6, 8 and 10 foot Lengths, Weight Per Foot 1 3/4 Lbs.....\$0.24
Eight Pieces in a Bundle. Per Foot



No. 1x31.



No. 2x31.

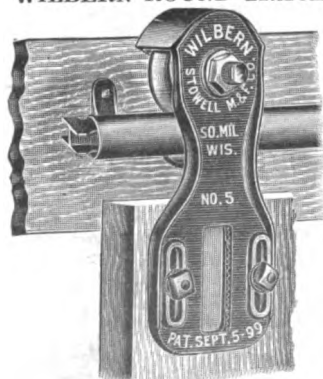


No. 22x31.

Each

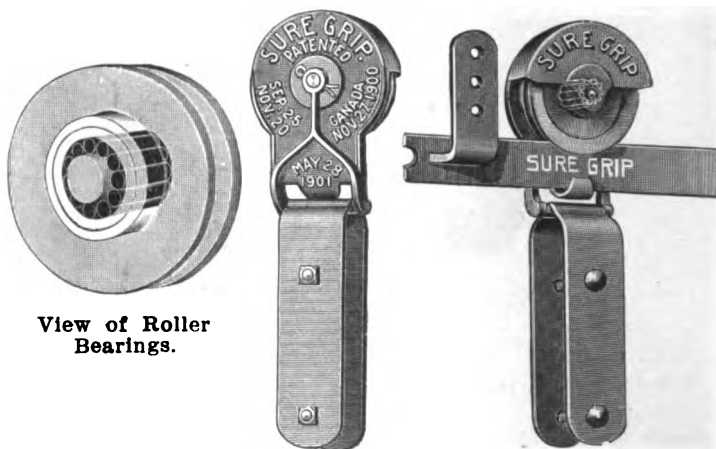
No. 1x31—Side Center Bracket, for No. 31 Track, Weight Each 3/4 Lb.....\$0.20
No. 2x31—Side Right or Left Bracket, for No. 31 Track, Weight Each 3/4 Lb......20
No. 22x31—Side Double Center Bracket, for No. 31 Track, Weight Each 2 Lbs......60

WILBERN ROUND TRACK



Malleable Iron, Japanned. Per Dozen Pairs
No. 5—3 inch Diameter Wheels, Anti-Friction Roller Bearing Wheels, Vertical and Lateral Adjustment, Cannot Jump the Track.....\$21.00
Weight Per Dozen Pairs 106 Pounds.
One Pair in a Box, with Bolts and Screws; One Dozen Pairs in a Wooden Box. Per Foot
No. 5T—Wilbern Round Track, in 6, 8 and 10 foot Lengths\$0.19
Four Pieces in a Bundle.

ASHLAND SURE GRIP FLEXIBLE



View of Roller Bearings.

Heavy Malleable Iron Frame, Japanned, Roller Bearing.

Sure Grip—3 1/4 inch Wheels, Covered, Flexible Hinge Joint, Hardened Steel Roller Bearings and Axle, Made with a Lug Extending Upward Around the Bottom of the Track, which Prevents the Hanger from Derailing\$16.00 Per Dozen Pairs

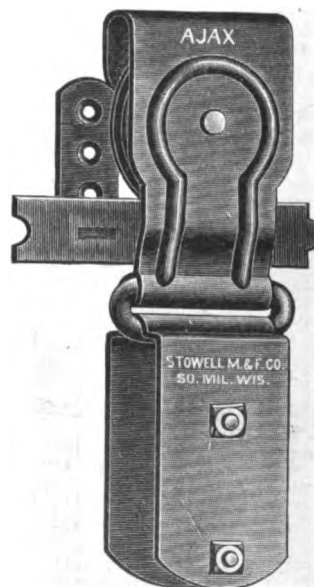
Sure Grip Hangers are all built in a strictly first-class manner, being made of malleable iron, fitted with roller bearing and heavy steel hasps, fully guaranteed to carry any weight door.

For Track See Page 442.

Weight Per Dozen Pairs 70 Pounds.

One-twelfth Dozen Pairs in a Box.

AJAX



All Steel, Japanned, Roller Bearings.

Ajax—3 1/2 inch Diameter Wheels, Roller Bearings Covered, Flexible Hinge Joint, Made with Guard to Prevent Hanger from Jumping the Track.....\$13.00 Per Dozen Pairs

Of great strength and durability, the Flexible Hinge Joint will allow door to swing out and upwards higher than any other Hanger.

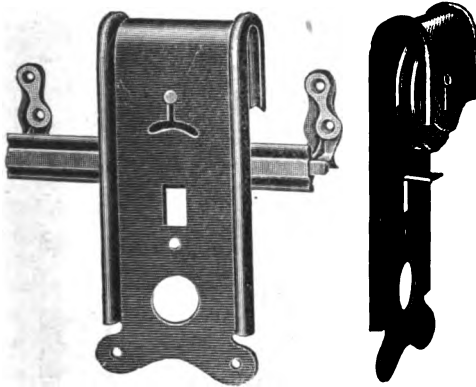
For Track See Page 442.

Weight Per Dozen Pairs 85 Pounds.

One Pair in a Box; One Dozen Pairs in a Case.

BARN DOOR HANGERS

PROUTY SAFETY



All Steel, Japanned, Covered Frame and Wheel, Double Row Roller Bearings, Hardened Cups and Axle.

No. 7— $3\frac{1}{2}$ inch Wheel, Corrugated One Piece Frame, $5\frac{1}{4} \times 11$ inch Loop **\$18.20**

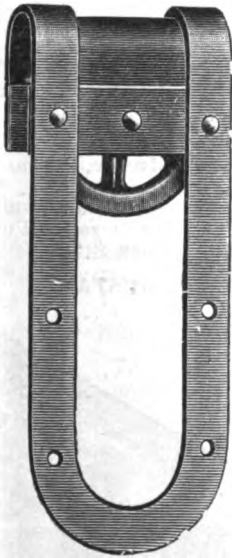
This Hanger has a safety guard stamped from the frame, which with the drop, absolutely prevents it from jumping the track. It also allows the door to set closer to the side of the building than any flexible hanger made.

Weight Per Dozen Pairs 60 Pounds.

One Dozen Pairs in a Crate.

No. 150—Channel Track, with Brackets Every 16 inches, Weight Per 100 Feet $110\frac{1}{2}$ Lbs..... **\$12.00**

RELIANCE



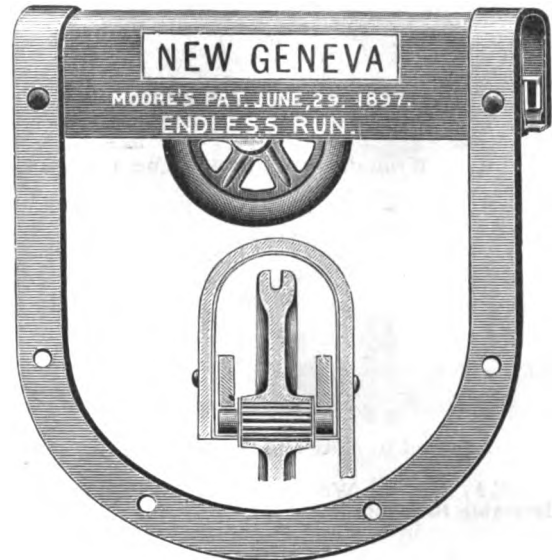
Wrought Steel, Covered, Japanned, Roller Bushed Bearings, Endless Run.

Nos.	3	4
Diameter of Wheel, Inches....	3	4
Size of Strap, Inches.....	$1 \times \frac{1}{4}$	$1\frac{1}{8} \times \frac{1}{4}$
Weight Per Dozen Pairs, Lbs..	84	102
Per Dozen Pairs.....	\$11.00	14.00

For Track See Page 442.

One Dozen Pairs in a Crate.

NEW GENEVA



Wrought Steel, Covered, Japanned, Roller Bushed Anti-Friction, Loose Axle, Endless Run.

Nos.	3	4	5
Diameter of Wheel, Inches	$3\frac{1}{4}$	4	5
Size of Strap, Inches.....	$1 \times \frac{1}{4}$	$1\frac{1}{8} \times \frac{1}{4}$	$1\frac{1}{4} \times \frac{1}{4}$
Wt. Per Doz. Pairs, Lbs..	92	120	150
Per Dozen Pairs.....	\$12.00	14.50	19.00

For Track See Page 442.

One Dozen Pairs in a Crate.

CHECK BACK



Offset, Cast Iron, Japanned.

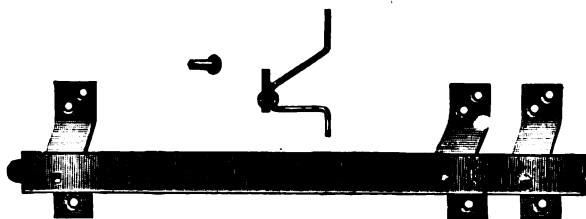
Designed for Angular Track.

Nos.	23	24	25
Diameter of Wheel, Inches....	3	4	5
Weight Per Dozen Pairs, Lbs.	62	85	115
Per Dozen Pairs.....	\$5.00	7.20	9.60

One Dozen Pairs in a Crate.

BARN DOOR RAIL

GENEVA

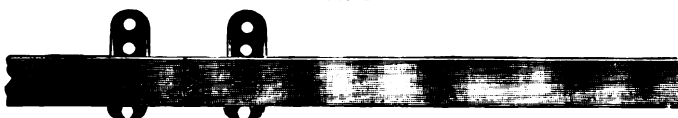


Wrought Steel, in 6, 8 and 10 foot Lengths, Adapted to All Hangers Having a Grooved Wheel.

Nos.	3G	1G	0G
Size, Inches	1 x 1 1/8	1 1/4 x 1 1/8	1 1/2 x 1 1/8
Weight Per Foot, Lbs.	3/4	7/8	1
Per Foot	\$0.06 1/2	.08	.09

Eight Pieces in a Bundle.

AJAX



Adapted to Ajax and Sure Grip Hangers.

No. 5—1 1/4 x 1 1/8 inch, Wrought Steel, Riveted Single Malleable Bracket	Per Foot
In 6, 8 and 10 foot Lengths.	\$0.09

LAWRENCE



No. 10—All Steel, Riveted Double Flange Braced Brackets, No. 13 Screw Necessary to Attach	Per Foot
Weight Per 100 feet 66 Pounds.	\$0.10
In 6, 8 and 10 foot Lengths.	

KING'S CHARM



Adapted to King's Charm and Other Hinged Hangers.

No. 6—1 1/4 x 1 1/8 inch, Wrought Steel, Riveted Single Steel Brackets	Per Foot
In 6, 8 and 10 foot Lengths.	\$0.09

ANGULAR



No. 20—Cast Iron, in 2 foot Lengths, for Use with Check Back Barn Door Hangers	Per Foot
Weight Per 100 feet 50 Pounds.	\$0.08
Two Hundred Feet in a Case.	

BARN DOOR STAY ROLLERS

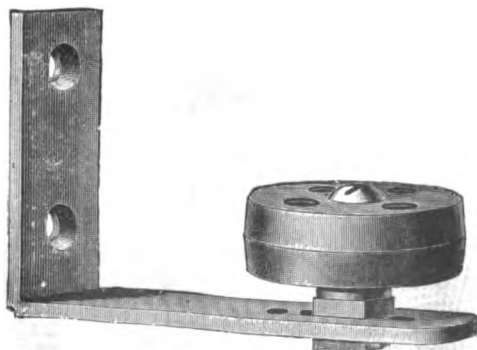
COMMON



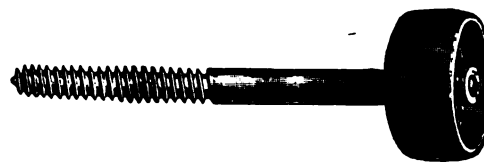
For Outside Doors.

No. 1—6 inch Wrought Screw, Japanned	Per Dozen
No. 2—8 inch Wrought Screw, Japanned	\$1.50
Average Weight Per Dozen 8 Pounds.	1.70
Open Stock.	

GENEVA



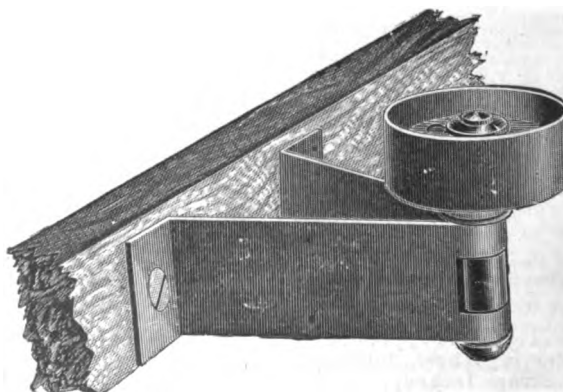
No. 6G—All Steel, Adjustable, Japanned	Per Dozen
Weight Per Dozen 10 Pounds.	\$1.80
In Bulk.	



For Inside Doors.

No. 3—6 inch, Wrought Screw, Japanned	Per Dozen
Weight Per Dozen 7 Pounds.	\$1.40
Open Stock.	

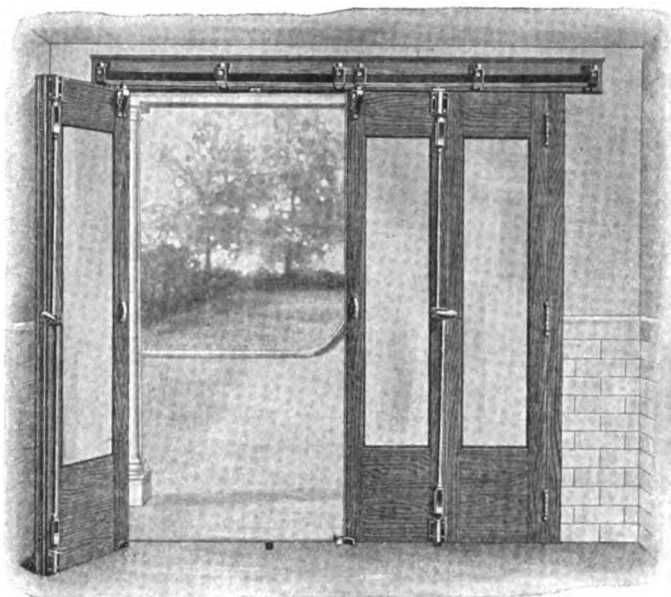
ADJUSTABLE



No. 8—Adjustable Hinge, Steel Frame Malleable Iron Wheel, Japanned	Per Dozen
Weight Per Dozen 12 Pounds.	\$1.80
In Bulk.	

SLIDING FOLDING GARAGE DOOR FIXTURES

R-W, ROLLER BEARING

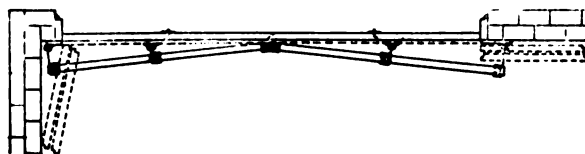


Meets the demand for a fixture that will allow hinge doors to fold and swing inside of building, requiring only minimum space. Not recommended for doors over 3 feet in width.

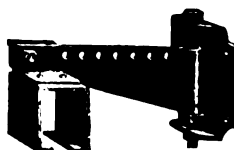
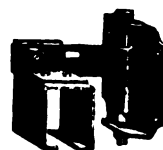
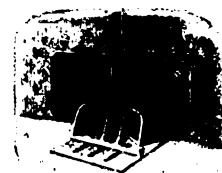
With this fixture doors will close perfectly tight into door frame — cannot sag, operate very easily and make a very attractive front on the building.

Four doors hinged together in pairs are required for each opening, one pair folding to each side. Will stand at any angle or parallel with front walls.

Cut Shows Hardware Applied to Door.



Cut Shows Floor Plan of Four Door Outfit.

No. 435
Hanger.No. 435C
Center Bracket.No. 435E
End Bracket.No. 435I
Intermediate
Bracket.No. 271 Floor Guide
with No. 301-72
Bumper Shoe.

Adjustable Intermediate and End Brackets, Swiveled to Permit Track to be Set at Any Angle Suitable to Thickness of Doors. Hangers Support and Guide the End of Doors. Gray Iron Lathe Turned Wheels, Vertical Adjustment, Ball Bearing Swivel Pendant.

Equipment Complete with Hangers, Brackets, Track, Hinges, Bolts, Screws, Etc., Necessary, for Opening up to 12 feet Wide.

	Per Set
No. 435-1—With No. 517-1 Top and Bottom Bolt, for Doors 7 to 8 feet High.....	\$26.00
No. 435-2—With No. 517-2 Top and Bottom Bolt, for Doors 8 feet 1 inch to 9 feet High.....	27.00
No. 435-3—With No. 517-3 Top and Bottom Bolt, for Doors 9 feet 1 inch to 10 feet High.....	28.00
No. 435-4—With No. 517-4 Top and Bottom Bolt, for Doors 10 feet 1 inch to 11 feet High.....	29.00
No. 435B—With No. 514 Spring Bolt.....	19.00

LIST OF PARTS

No. 435H—Hangers	Each, \$3.50	No. 31 —16 Gauge Track.....	Per Foot, \$0.19
No. 435C—Center Brackets	Each, .80	No. 271 —Adjustable Floor Center Guide....	Each, .80
No. 435E—End Brackets	Each, 1.00	No. 301-72—Steel Bumper Shoes.....	Each, .10
No. 435I—Intermediate Brackets	Each, .70		

Note—In Ordering, State Width and Height of Opening, Also Thickness of Doors.

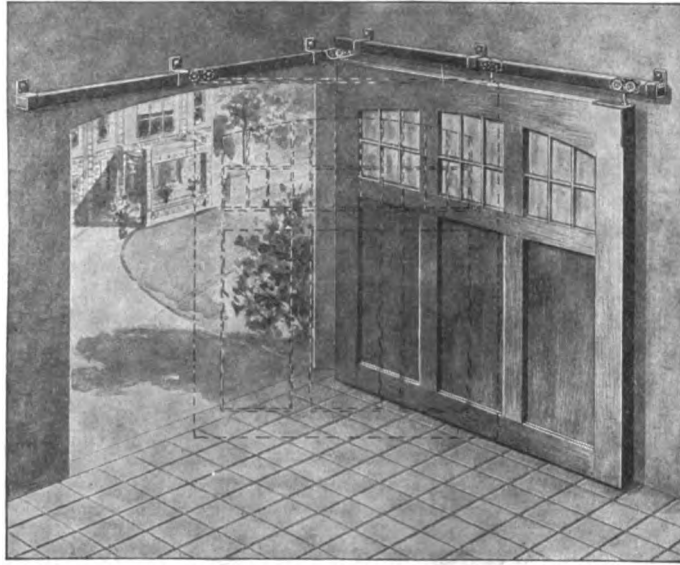
Doors installed with this equipment occupy less room when open than single doors. Makes a nice weather proof and tight job when closed. It is a heat saver in cold weather, due to the close flush fit. Doors are stopped in the same manner as a house door. Doors will not sag under any condition, a common fault to all side hung doors. Permits the use of part or all of the opening at any time. Prevents swaying of doors at top which is almost unavoidable with a wide swing door.

TROLLEY RIGHT GARAGE DOOR HANGERS

R-W

Designed to use where, for lack of room, right angle doors are desired.

As shown in cut, track on side wall is set over track above opening. This requires that the outer end hanger have an extra long pendant.



Cut Shows Hangers Applied.

For use on single door specify four wheel hangers for each end of door.

For use on double doors specify for each door one four wheel hanger for outer end and one two wheel hanger for inner end.

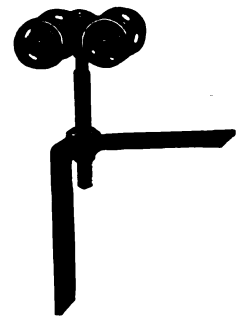
Hangers packed with screws one in a box.



No. 235-1.



No. 235-3.



No. 235-11.

2 1/2 inch Diameter Gray Iron Wheels, Vertical Adjustment, Ball Bearing Swivel Pendant.

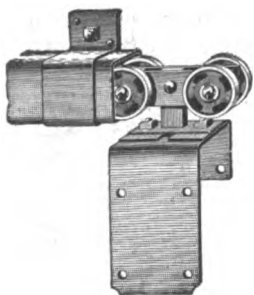
No. 235-1	Four Wheel Hanger, Short Pendant, Roller Bearing, for Doors 1 1/4 to 2 inches Thick, Weight Each 3 Lbs.	Each \$2.50
No. 235-3	Two Wheel Hanger, Short Pendant, Ball Bearing, for Doors 1 1/4 to 2 inches Thick, Weight Each 2 Lbs.	2.50
No. 235-11	Four Wheel Hanger, Long Pendant, Ball Bearing, for Doors 1 1/4 to 2 inches Thick, Weight Each 3 1/4 Lbs.	2.50
No. 31	Track, 16 Gauge	Per Foot, .24
No. 3	Bracket	Each, .20

Note—Track Brackets Should be Spaced not to Exceed 30 inch Centers.

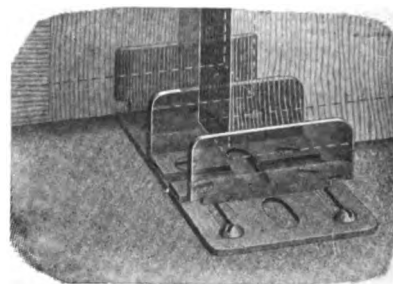
For use on Double Doors, specify for each door, one four wheel hanger for outer end and one two wheel hanger for inner end (where doors meet at center of opening).

PARALLEL GARAGE DOOR EQUIPMENT

R-W



No. 20 Hanger.

No. 22x31
Center Bracket.No. 23x31
End Bracket.

No. 171 Floor Guide.

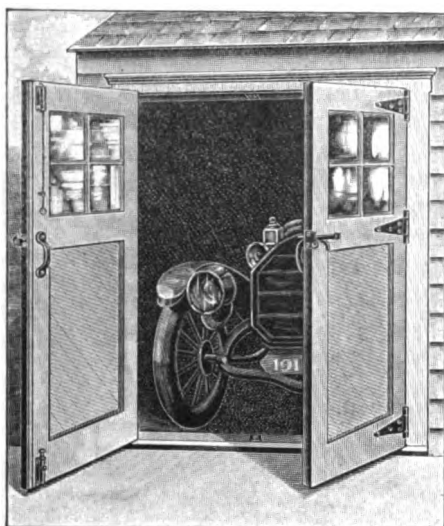


No. 516 Door Bolt.

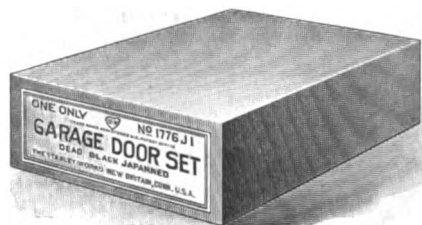
No. 20	Hangers, 2 1/2 inch Diameter Lathe Turned Gray Iron Wheels, Steel Roller Bearings, Apron 6 inches Long, 3 1/2 inches Wide, Lateral Adjustment, for Doors 1 1/4 to 2 1/2 inches Thick, Weight Per Pair 10 Lbs.	Per Pair \$2.90
No. 31	Track, 16 Gauge	Per Foot, .24
No. 22x31	Bracket, Double Center	Each, .60
No. 23x31	Bracket, Double End	Each, .60
No. 172-1	Parallel Door Floor Guide, for Double Parallel Sliding Doors, Adjustable for Doors 1 1/4 to 3 inches Thick, Weight Each 5 Lbs.	Each, 2.00
No. 516	Parallel Door Bolt and Lock, Malleable and Steel, Black Eanmeled, Suitable for Doors 1 1/4 to 3 inches Thick, when Used on the Outside of Building a Padlock can be Attached, Thus Providing a Combined Bolt and Lock, Weight Each 3 Lbs.	Each, 2.00

GARAGE DOOR SETS

STANLEY'S



Doors Trimmed with No. 1776 Set.



Cut Shows Telescope Box.

No. 1776J Set—Complete Set as Enumerated Below in a 12 $\frac{3}{4}$ x 7 $\frac{1}{4}$ x 2 $\frac{3}{4}$ inch Telescope Box..... **\$5.25** Per Set

Wrought Steel, Japanned.

CONTENTS OF SET

- 3 Pairs No. 960J—Extra Heavy T Hinges, 10 inches Long, Width of Strap at Joint 3 $\frac{1}{8}$ inches, Length of Joint 7 inches, with Reversed Pads to Permit Application to Jamb of Door.
- 1 Only No. 1260J—Size 4 Thumb Latch, 8 $\frac{7}{8}$ inches Long, 2 $\frac{1}{8}$ inches Wide at Ends, Fitted with Padlock Eyes so Doors can be Securely Locked with Padlock.
- 1 Only No. 1257J—Size 4 Door Pull, 8 $\frac{7}{8}$ inches Long, 2 $\frac{1}{8}$ inches Wide at Ends, Same Style as Handle in No. 1260J Latch and is Applied to the Inside of Opposite Door for Use in Drawing Door Shut.

- 1 Only No. 1056J—Foot Bolt, 6 inches Long, 2 inches Wide, 2 $\frac{3}{8}$ x 1 $\frac{3}{8}$ inch Floor Plate with Oval Shaped Hole to Take Care of Shrinkage of Door, $\frac{5}{8}$ inch Bolt, 1 inch Bolt Stroke.
- 1 Only No. 1055J—Chain Bolt, 6 inches Long, 2 inches Wide, $\frac{3}{4}$ inch Diameter Bolt, 24 inch Chain, Complete with One Chain Guide and One Extra Heavy Strap and One Angle Staple.

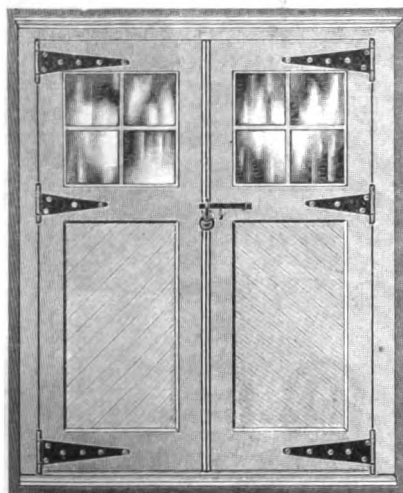
One Set in a Box.

Wrought Steel, Japanned.

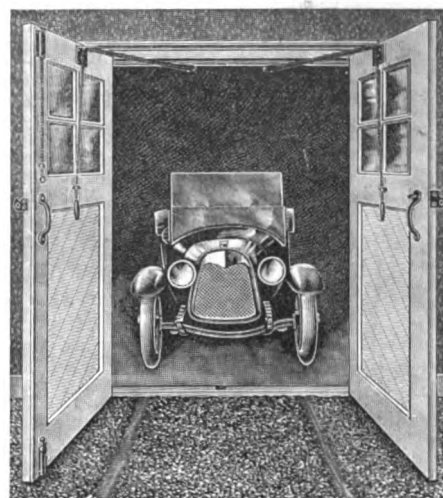
Per Set

No. 1777 Set—Complete Set as Enumerated Below, in a 35x9x5 $\frac{1}{2}$ inch Telescope Box..... **\$12.00**

This Set contains everything needed for completely equipping medium or light weight Garage Doors.



Outside View of Doors Trimmed with Set 1777J.



Inside View of Doors Trimmed with Set No. 1777J.

CONTENTS OF SET

- 2 Pair No. 960J—Extra Heavy T Hinges, 16 inches Long, Width of Strap at Joint 3 $\frac{3}{8}$ inches, Length of Joint 7 $\frac{3}{8}$ inches, with Reversed Pads to Permit Application to Jamb of Door.
- 1 Pair No. 960J—Extra Heavy T Hinges, 12 inches Long, Width of Strap at Joint 3 $\frac{3}{8}$ inches, Length of Joint 7 $\frac{3}{8}$ inches, with Reversed Pads to Permit Application to Jamb of Door.
- 1 Pair No. 1774J—Garage Door Holders, Consists of Three Parts, 30 inch V Shaped Heavy Steel Bar which Holds Back the Door, Pivot Plate with a Heavy Rivet, $\frac{1}{8}$ inch Thick, Coupling the Bar to the Door and the Bumper Plate which Locks the Bar to the Frame of Garage at Two Points.

- 1 Only No. 1260J—Size 4 Thumb Latch, 8 $\frac{7}{8}$ inches Long, 2 $\frac{1}{8}$ inches Wide at Ends, Fitted with Padlock Eyes so Doors can be Securely Locked with Padlock.
- 1 Only No. 1257J—Size 4 Door Pull, 8 $\frac{7}{8}$ inches Long, 2 $\frac{1}{8}$ inches Wide at Ends, Same Style as Handle in No. 1260J Latch and is Applied to the Inside of Opposite Door for Use in Drawing the Door Shut.
- 1 Only No. 1056J—Foot Bolt, 6 inches Long, 2 inches Wide, 2 $\frac{3}{8}$ x 1 $\frac{3}{8}$ inch Floor Plate with Oval Shaped Hole to Take Care of Shrinkage of Door, $\frac{5}{8}$ inch Bolt, 1 inch Bolt Stroke.
- 1 Only No. 1055J—Chain Bolt, 6 inches Long, 2 inches Wide, $\frac{3}{4}$ inch Diameter Bolt, 24 inch Chain, Complete with One Chain Guide and One Extra Heavy Strap and One Angle Staple.

One Set in a Box.

PULLEYS

TACKLE OR AWNING

No. 74—Single Wheel, Solid Eye, Japanned.

Size, Inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$
For Rope, Inches.....	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{5}{8}$
Weight Per Dozen, Lbs..	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$4\frac{1}{2}$	7	11	20
Per Dozen	\$0.59	.67	.80	1.00	1.40	1.85	3.60

$\frac{3}{4}$ to $1\frac{3}{4}$ inch, One Dozen; 2 and $2\frac{1}{2}$ inch, One-half Dozen in a Box.

No. 174—Single Wheel, Solid Eye, Galvanized.

Size, Inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$
For Rope, Inches.....	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{5}{8}$
Weight Per Dozen, Lbs..	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$4\frac{1}{2}$	7	11	20
Per Dozen	\$0.80	1.00	1.30	1.85	2.60	4.00	6.60

$\frac{3}{4}$ to $1\frac{3}{4}$ inch, One Dozen; 2 and $2\frac{1}{2}$ inch, One-half Dozen in a Box.

No. 76—Double Wheel, Solid Eye, Japanned.

Size, Inches	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$
For Rope, Inches.....	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{5}{8}$
Weight Per Dozen, Lbs..	$2\frac{3}{4}$	$4\frac{1}{2}$	$7\frac{1}{2}$	$11\frac{1}{2}$	17	22
Per Dozen	\$1.00	1.20	1.70	2.40	3.70	6.20

1 to $1\frac{3}{4}$ inch, One Dozen; 2 and $2\frac{1}{2}$ inch, One-half Dozen in a Box.

No. 176—Double Wheel, Solid Eye, Galvanized.

Size, Inches	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$
For Rope, Inches.....	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{5}{8}$
Weight Per Dozen, Lbs..	$2\frac{3}{4}$	$4\frac{1}{2}$	$7\frac{1}{2}$	$11\frac{1}{2}$	17	22
Per Dozen	\$1.55	1.80	2.95	4.90	5.90	9.50

1 to $1\frac{3}{4}$ inch, One Dozen; 2 and $2\frac{1}{2}$ inch, One-half Dozen in a Box.

No. 73—Single Wheel, Swivel Eye, Japanned.

Size, Inches	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
For Rope, Inches.....	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{8}$
Weight Per Dozen, Lbs..	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$4\frac{1}{2}$
Per Dozen	\$0.63	.85	1.05	1.15	1.65

One Dozen in a Box.

No. 173—Single Wheel, Swivel Eye, Japanned.

Size, Inches	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
For Rope, Inches.....	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{8}$
Weight Per Dozen, Lbs..	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$4\frac{1}{2}$
Per Dozen	\$0.90	1.15	1.40	1.85	2.60

One Dozen in a Box.

No. 71—Single Wheel, Japanned, with Bright Wire Screw Eye.

Size, Inches	$\frac{3}{4}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
For Rope, Inches.....	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{8}$
Weight Per Dozen, Lbs..	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	3	$5\frac{1}{4}$
Per Dozen	\$0.65	.85	1.10	1.35	1.75

One Dozen in a Box.

No. 75—Single Wheel, Japanned.

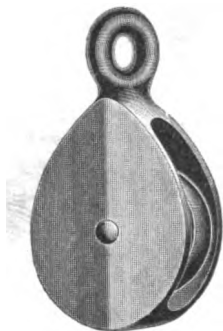
Size, Inches	2	$2\frac{1}{2}$	3
For Rope, Inches.....	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Weight Per Dozen, Lbs..	6	12	19
Per Dozen	\$1.90	2.70	3.70

2 inch, One Dozen; $2\frac{1}{2}$ and 3 inch, One-half Dozen in a Box.

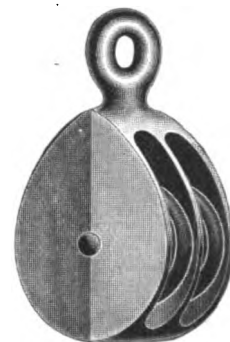
No. 77—Double Wheel, Japanned.

Size, Inches	2	$2\frac{1}{2}$	3
For Rope, Inches.....	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Weight Per Dozen, Lbs..	8	17	26
Per Dozen	\$3.00	4.00	5.40

2 inch, One Dozen; $2\frac{1}{2}$ and 3 inch, One-half Dozen in a Box.



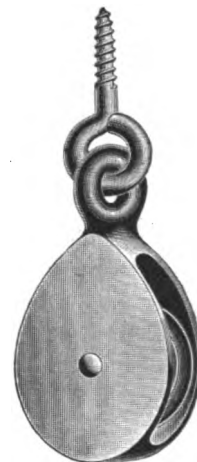
Nos. 74 and 174.



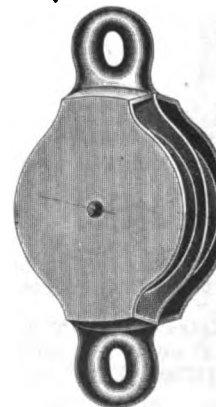
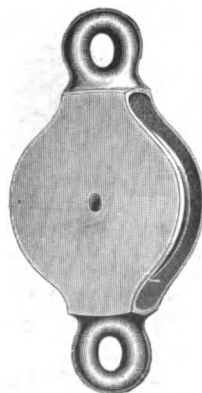
Nos. 76 and 176.



Nos. 73 and 173.



No. 71.



PULLEYS

BRASS SCREW



No. 36—Single Wheel, Wrought Brass, Polished.

Inches	1/4	3/4	1
For Rope, Inches	1/8	1/4	1/2
Wt. Per Dozen, Lbs.	5/8	1	1 1/4
Per Dozen	\$0.85	1.10	1.40

One Dozen in a Box.



No. 35—Single Wheel, Cast Brass, Polished.

Inches	1 1/4	1 1/2
For Rope, Inches	1/4	1/2
Wt. Per Dozen, Lbs.	1 1/2	1 7/8
Per Dozen	\$2.90	4.60

One Dozen in a Box.

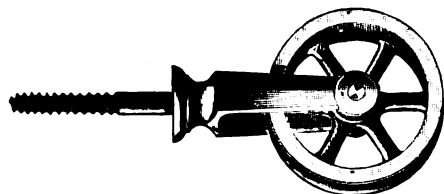


No. 37—Double Wheel, Cast Brass, Polished.

Inches	5/8	3/4	1
For Rope, Inches	1/8	1/4	1/2
Wt. Per Dozen, Lbs.	1 1/4	2	2 1/4
Per Dozen	\$3.30	4.10	4.80

One Dozen in a Box.

SCREW



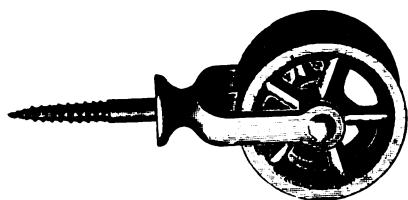
No. 45.

No. 45—Iron, Japanned.

Size, Inches	1	1 1/4	1 1/2	1 3/4	2
For Rope, Inches	1/4	1/4	1/4	1/4	1/2
Weight Per Dozen, Lbs.	1	1 1/2	1 3/4	2	2 3/4
Per Dozen	\$0.48	.52	.63	.74	.96

Size, Inches	2 1/4	2 1/2	3	4
For Rope, Inches	3/8	3/8	1/2	5/8
Weight Per Dozen, Lbs.	4	4 1/2	5 1/2	20
Per Dozen	\$1.20	1.30	2.00	4.60

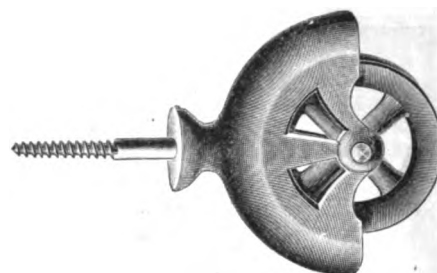
3/4 to 2 1/4 inch, Two Dozen; 2 1/2 and 3 inch, One Dozen; 4 inch, One-third Dozen in a Box.



No. 47—Double Wheel; Iron, Japanned.

Size, Inches	1 3/4
For Rope, Inches	1/4
Weight Per Dozen, Lbs.	4
Per Dozen	\$1.45

One Dozen in a Box.



No. 43—Incased, Iron, Japanned.

Size, Inches	2	2 1/2	3
For Rope, Inches	1/4	3/8	1/2
Weight Per Dozen, Lbs.	4	8	14
Per Dozen	\$1.65	2.20	3.00

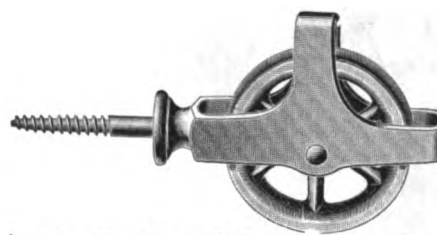
One Dozen in a Box.



No. 44—Incased, Iron, Japanned.

Size, Inches	1 1/2	2	2 1/2	3
For Rope, Inches	1/4	1/4	3/8	1/2
Weight Per Dozen, Lbs.	2	3 1/2	5 1/4	6 3/4
Per Dozen	\$1.20	1.40	1.80	2.60

One Dozen in a Box.

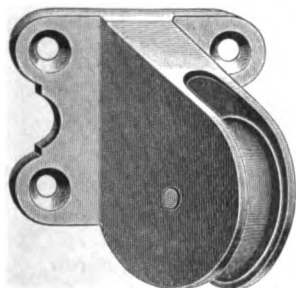


No. 46—Incased, Iron, Japanned.

Size, Inches	1 1/4	2
For Rope, Inches	1/4	1/2
Weight Per Dozen, Lbs.	2	3 1/2
Per Dozen	\$1.20	1.90

One Dozen in a Box.

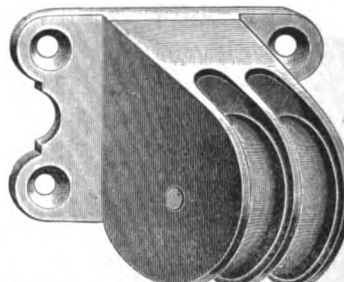
HOT HOUSE



No. 85—Single Wheel, Japanned.

Size, Inches	2	2 1/2
For Rope, Inches	1/2	3/4
Weight Per Dozen, Lbs.	10	16
Per Dozen	\$2.20	4.00

2 inch, One Dozen; 2 1/2 inch, One-half Dozen in a Box.



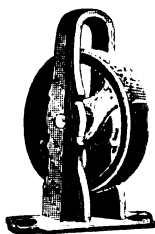
No. 87—Double Wheel, Japanned.

Size, Inches	2	2 1/2
For Rope, Inches	1/2	3/4
Weight Per Dozen, Lbs.	13 1/2	22
Per Dozen	\$3.50	5.90

2 inch, One Dozen; 2 1/2 inch, One-half Dozen in a Box.

PULLEYS

UPRIGHT

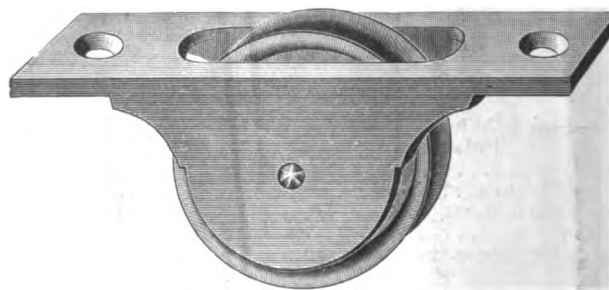


No. 55—Japanned.

Size, Inches	2	2½	3
For Rope, Inches.....	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{8}$
Weight Per Dozen, Lbs.....	3¼	5¼	7
Per Dozen	\$1.15	1.65	2.20

2 inch, Two Dozen; 2½ and 3 inch, One Dozen in a Box.

DUMB WAITER



No. 40—Heavy.

Wheel, Inches	3
Face, Inches	1¼ x 6
For Rope, Inches.....	$\frac{1}{2}$
Weight Per Dozen, Lbs.....	15
Per Dozen	\$3.30

Two-thirds Dozen in a Package.

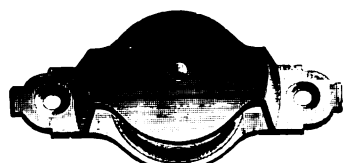
SIDE

No. 25—Single Wheel, Japanned.

Size, Inches	1	1¼	1½	1¾	2	2¼	2½	3	4	5
For Rope, Inches...	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{5}{8}$	$\frac{3}{4}$
Wt. Per Dozen, Lbs.	1½	2	2½	3	4	7½	9¼	13½	24	32
Per Dozen	\$0.74	.80	.90	1.00	1.30	1.80	2.00	3.00	7.40	12.80

2¼ to 5 inch Have Screw Holes at Each End.

¾ to 2 inch, Two Dozen; 2¼ to 2½ inch, One Dozen; 3 inch, One-half Dozen; 4 inch, One-quarter Dozen, and 5 inch, One-sixth Dozen in a Box.



No. 25—1 to 2 inch.

INCASED SWIVEL

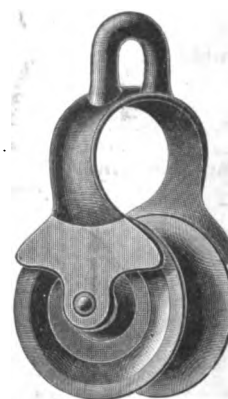


No. 42—Iron, Swivel Eye, Japanned.

Size, Inches	2½	3
For Rope, Inches.....	$\frac{7}{8}$	$\frac{3}{4}$
Weight Per Dozen, Lbs.....	8	10
Per Dozen	\$2.20	2.80

One Dozen in a Box.

CLOTHES LINE



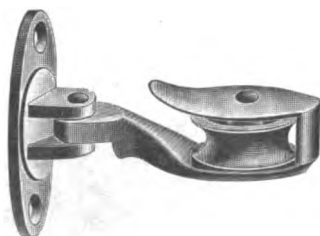
For ½ inch Rope.

No. 61—Japanned, 2½ inch, Wt. Per Dozen 5 Lbs....	\$1.90
No. 161—Galvanized, 2½ inch, Wt. Per Dozen 5 Lbs....	2.40

Has large opening to allow knotted rope to pass through freely.

One-half Dozen in a Box.

CLOTHES LINE

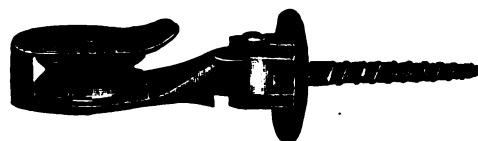


Jointed, on Plate.

No. 66—Japanned, for ¾ inch Rope.....	\$1.30
No. 166—Galvanized, for ¾ inch Rope.....	2.00

Weight Per Dozen 4½ Pounds.

One Dozen in a Box.



Jointed Steel, Screw.

No. 67—Japanned, for ¾ inch Rope.....	\$1.40
No. 167—Galvanized, for ¾ inch Rope.....	2.40

Weight Per Dozen 5 Pounds.

One Dozen in a Box.

CASTERS

BEDSTEAD

Iron Wheel, Copper Bronzed Iron Horn.

Nos.	101	102	103	104	105	106
Diameter of Wheel, Inches.....	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$	1 $\frac{7}{8}$	2
Weight Per Set of Four, Lbs.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	2	2 $\frac{1}{2}$
Per Set of Four.....	\$0.16	.18	.20	.22	.23	.25

Four Sets in a Box.

Porcelain Wheel, Copper Bronzed, Iron Horn.

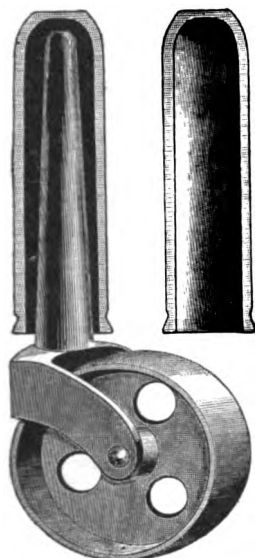
Nos.	301	302	303	304	305	306
Diameter of Wheel, Inches.....	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$	1 $\frac{7}{8}$	2
Weight Per Set of Four, Lbs.....	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{2}$	1 $\frac{7}{8}$	2 $\frac{1}{4}$
Per Set of Four.....	\$0.16	.18	.20	.22	.24	.26

Four Sets in a Box.

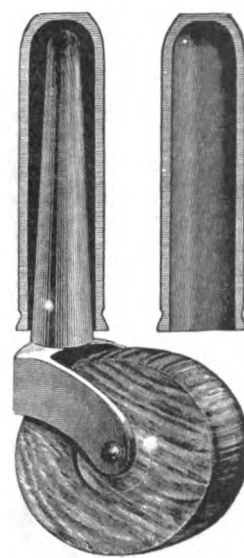
Maple Wood Wheel, Copper Bronzed, Iron Horn.

Nos.	202	203	204	205	206
Diameter of Wheel, Inches.....	1 $\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$	1 $\frac{7}{8}$	2
Weight Per Set of Four, Lbs.....	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	2	2 $\frac{1}{2}$
Per Set of Four.....	\$0.17	.18	.20	.22	.24

Four Sets in a Box.

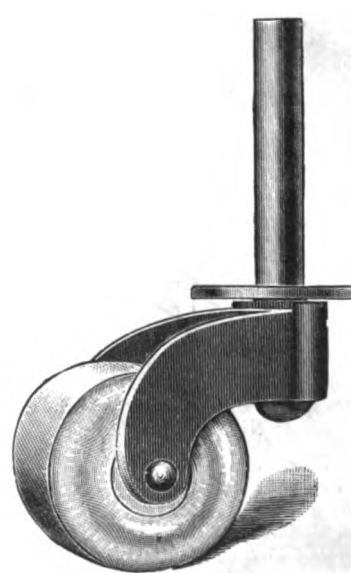
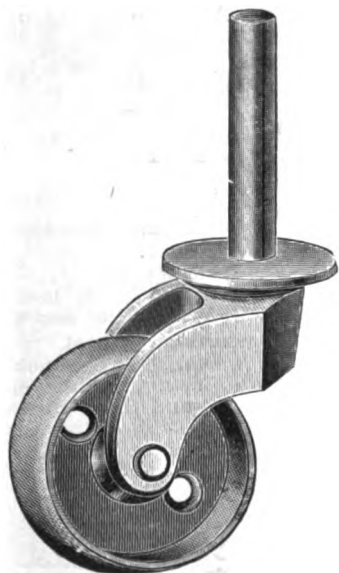


Nos. 101 to 106.



Nos. 202 to 206.

PHILADELPHIA



Iron Wheel, Copper Bronzed Iron Horn.

Nos.	602	603	604	605
Diameter, of Wheel, Inches..	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$
Weight Per Set, Lbs.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Set of Four.....	\$0.15	.17	.19	.21

Six Sets in a Box.

Porcelain Wheel, Copper Bronzed, Iron Horn.

Nos.	612	613	614	615
Diameter, of Wheel, Inches..	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$
Weight Per Set, Lbs.....	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Set of Four.....	\$0.15	.17	.19	.21

Six Sets in a Box.

REGULAR PLATE

Iron Wheel, Iron Socket and Frame, Wrought Pivot, Copper Bronzed.

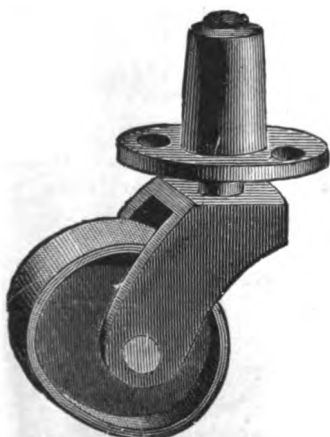
Nos.	2	3	4	5	6
Diameter of Wheel, Inches..	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{7}{8}$
Weight Per Set, Lbs.....	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Per Set of Four.....	\$0.16	.18	.20	.24	.29

Six Sets in a Box.

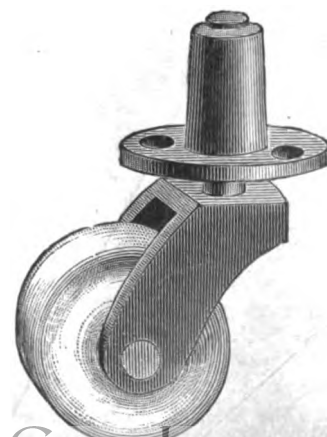
Porcelain Wheel, Iron Socket and Frame, Wrought Pivot, Copper Bronzed.

Nos.	12	13	14	15	16
Diameter of Wheel, Inches..	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{7}{8}$
Weight Per Set, Lbs.....	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{3}{8}$
Per Set of Four.....	\$0.15	.16	.19	.24	.29

Six Sets in a Box.



Nos. 2 to 6.



Nos. 12 to 16.

CASTERS

ACME BALL BEARING



No. 657—Countersunk, Rolled Steel Frame and Plate, Hardened Tool Steel Ball Bearings and Surface Ball, Nickel Plated.

Size of Ball, Inches.....	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Weight Per Set, Lbs.....	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$
Per Set of Four.....	\$0.65	.70	.75	.80

Acme Casters never break or get out of order, and move in any direction with the least possible effort; Will not tear rugs or carpets, and will not bind or rust.

One Set in a Box.

EVERGRIP GLIDING



$\frac{1}{2}$ inch.



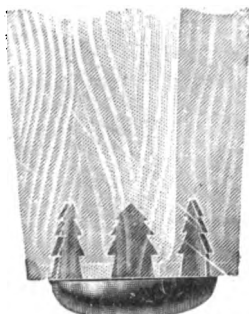
$\frac{5}{8}$ inch.



$\frac{3}{4}$ inch.



$\frac{7}{8}$ inch.



Cut Shows Caster Applied.

Armor Plate Steel, Specially Tempered, Highly Polished, Nickel Plated.

Size, Inches.....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per Set of Four.....	\$0.06	.07	.08	.10



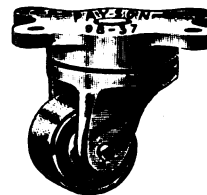
No. 800 Assortment—Contains 144 Sets, Assorted as Follows, 48 Sets $\frac{1}{2}$ inch, 48 Sets $\frac{5}{8}$ inch, 24 Sets $\frac{3}{4}$ inch and 24 Sets $\frac{7}{8}$ inch, in a Display Box with Glass Top, Weight Per Assortment 4 Lbs.....\$7.20

The Evergrip Gliding Caster will not scratch the floors. They save carpets, chairs and furniture. Prevents noise and strain. Anyone can put them on in one minute.

No. 659—Lock Stem, Rolled Steel Frame, Stem and Socket, Hardened Tool Steel Ball Bearings and Surface Ball, Nickel Plated.

Size of Ball, Inches.....	1	$1\frac{1}{8}$
Weight Per Set, Lbs.....	3	$3\frac{1}{2}$
Per Set of Four.....	\$0.75	.80

NOVELTY BALL BEARING



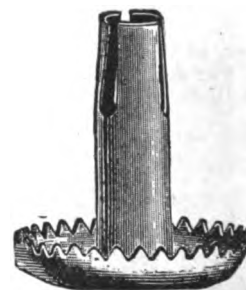
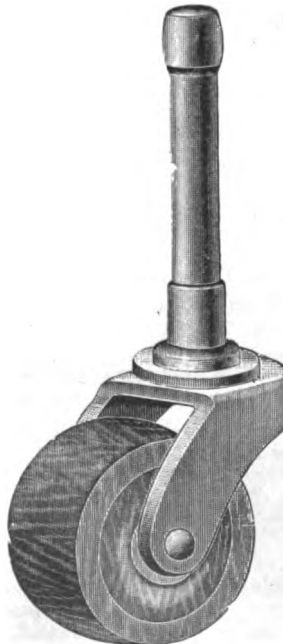
Oblong Plate, Hardened Steel Ball Bearings, Smallest Caster Made.

Iron Wheel. Per Set of Four
No. 98-37— $\frac{3}{4}$ x $\frac{1}{2}$ inch Wheel, $1\frac{1}{8}$ x $1\frac{1}{8}$ inch Plate, $1\frac{3}{8}$ inches High Over All, Weight Per Set $\frac{3}{4}$ Lb.....\$0.80

Lignumvitae Wheel. Per Set of Four
No. 98-36— $\frac{3}{4}$ x $\frac{1}{2}$ inch Wheel, $1\frac{1}{8}$ x $1\frac{1}{8}$ inch Plate, $1\frac{3}{8}$ inches High Over All, Weight Per Set $\frac{3}{4}$ Lb.....\$0.85
For Ladies' Shirt Waist and Skirt Boxes, Window Boxes and Cedar Chests.

One Set in a Box.

GRIP NECK



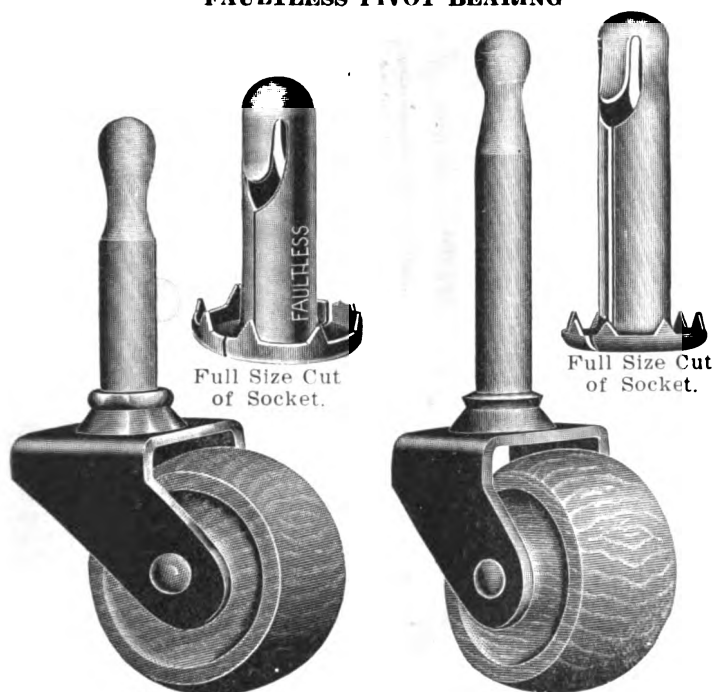
Lignumvitae Wheel, Steel Horn and Stem, with Socket and Track Plate.

Nos.	30	40	50	70
Diam. of Wheel, Inches..	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Weight Per Set, Lbs....	$\frac{1}{2}$	$\frac{3}{4}$	1	1
Per Set of Four.....	\$0.23	.25	.28	.36

Six Sets in a Box.

CASTERS

FAULTLESS PIVOT BEARING



Short Stem.

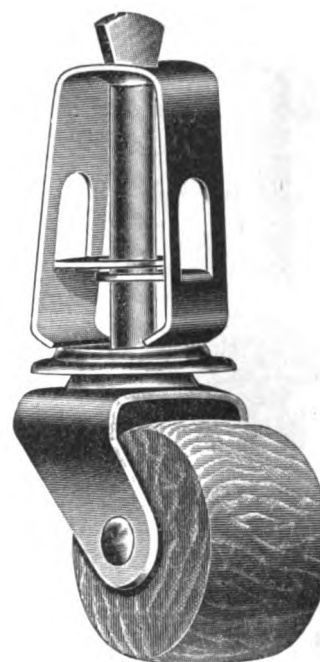
Long Stem.

Lignumvitae Wheel, Steel Horn, $\frac{3}{8}$ inch Diameter Socket, with Double Track Plate.

Short Stem.		Long Stem.	
Nos.	B-2-4	B-2-5	
Size of Wheel, Inches.....	$1\frac{1}{8} \times \frac{3}{4}$	$1\frac{1}{4} \times \frac{1}{2}$	
Weight Per Set, Lbs.....	$\frac{5}{8}$	$\frac{3}{4}$	
Per Set of Four.....	\$0.26	.28	
Nos.	C-2-5	C-2-8	
Size of Wheel, Inches.....	$1\frac{1}{4} \times \frac{1}{2}$	$1\frac{1}{2} \times \frac{3}{4}$	
Weight Per Set, Lbs.....	$\frac{3}{4}$	1	
Per Set of Four.....	\$0.28	.38	

Six Sets in a Box.

FAULTLESS IMPROVED NEW IDEAL



Lignumvitae Wheel, Steel Horn, with Spring Steel Socket Attached.

	K-2-4	L-2-5	M-2-8
Nos.			
Size of Wheel, Inches....	$1\frac{1}{8} \times \frac{3}{8}$	$1\frac{1}{4} \times \frac{1}{2}$	$1\frac{1}{2} \times \frac{3}{4}$
To Fit Tubing, Outside Diameter, Inches.....	$\frac{3}{4}$ & $\frac{7}{8}$	$1 \frac{1}{8}$ & $1\frac{1}{4}$	$1\frac{1}{4}$ & $1\frac{1}{2}$
Weight Per Set, Lbs.....	1	$1\frac{3}{8}$	$1\frac{1}{4}$
Per Set of Four.....	\$0.27	.30	.42

Six Sets in a Box.

FAULTLESS BED

Lignumvitae Wheel, Steel Horn, with Socket.
For Iron Beds.

Nos.	E-2-4	F-2-6	F-2-8	G-2-8	G-2-10
Size Wheel, In..	$1\frac{1}{8} \times \frac{3}{8}$	$1\frac{1}{8} \times \frac{3}{8}$	$1\frac{1}{8} \times \frac{3}{8}$	$1\frac{1}{8} \times \frac{3}{8}$	2x1
For Tubing, Outside, Inches...	$\frac{3}{4}$ & $\frac{7}{8}$	$1\frac{1}{8}$ & $1\frac{1}{4}$	$1\frac{1}{8}$ & $1\frac{1}{4}$	$1\frac{1}{4}$ & $1\frac{1}{2}$	$1\frac{1}{4}$ & $1\frac{1}{2}$
Wt. Per Set, Lbs.	$\frac{5}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{2}$
Per Set of Four..	\$0.37	.51	.58	.62	1.10

No. E-2-4, Six Sets; Nos. F-2-6 to G-2-8, Four Sets; No. G-2-10, One Set in a Box.

For Iron and Brass Beds.

Nos.	H-2-10	I-2-10
Size of Wheel, Inches.....	2x1	2x1
For Diam. Tubing, Outside, In..	$1\frac{1}{2}$ & $1\frac{3}{4}$	$1\frac{9}{10}$ & 2
Weight Per Set, Lbs.....	2	$2\frac{1}{2}$
Per Set of Four.....	\$1.20	1.30

One Set in a Box.

Leather Wheel, Brass Plated Steel Horn, with Socket.
For Iron Beds.

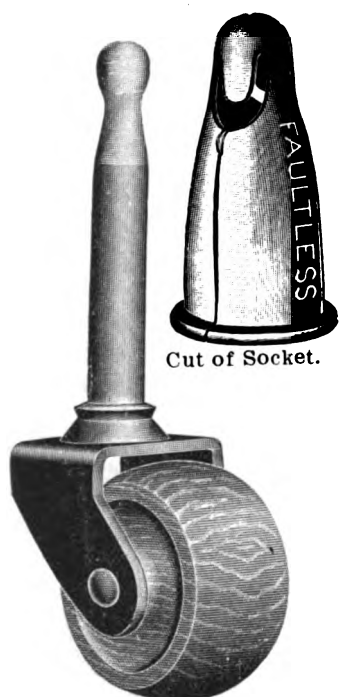
Nos.	F-10-8	G-10-8	G-10-10
Size of Wheel, Inches.....	$1\frac{5}{8} \times \frac{3}{4}$	2x1	2x1
For Dia. Tub'g, Outside, In..	$1 \frac{1}{4}$ & $1\frac{1}{2}$	$1\frac{1}{4}$ & $1\frac{1}{2}$	$1\frac{1}{4}$ & $1\frac{1}{2}$
Weight Per Set, Lbs.....	$1\frac{1}{2}$	$1\frac{1}{8}$	1
Per Set of Four.....	\$2.25	2.40	3.30

Nos. F-10-8 and G-10-8, Four Sets, No. G-10-10, One Set in a Box.

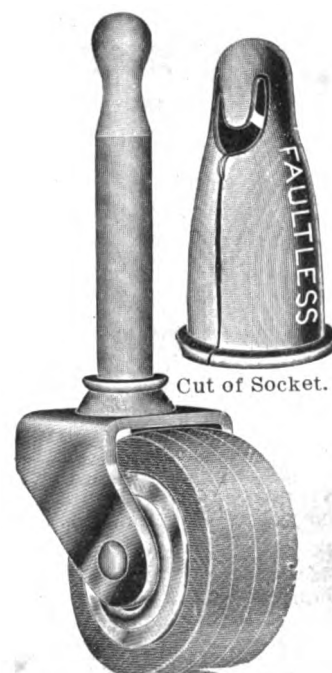
For Iron and Brass Beds.

Nos.	H-10-10	I-10-10
Size of Wheel, Inches.....	2x1	2x1
For Diam. Tubing, Outside, In..	$1\frac{1}{2}$ & $1\frac{3}{4}$	$1\frac{9}{10}$ & 2
Weight Per Set, Lbs.....	$2\frac{1}{8}$	$2\frac{3}{4}$
Per Set of Four.....	\$3.50	3.65

One Set in a Box.



Cut Shows Lignumvitae Wheel.



Cut Shows Leather Wheel.

CASTERS

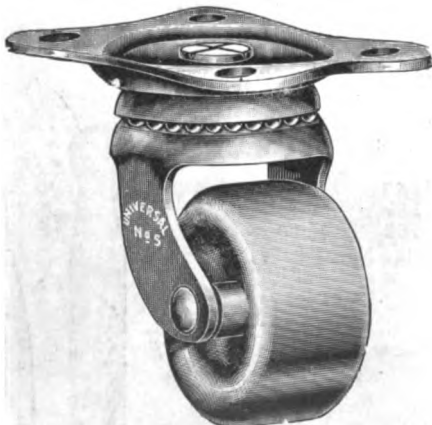
UNIVERSAL, BALL BEARING, METALLIC BEDSTEAD



Lignumvitae Wheel, Bright Steel Horn, Steel Ball Bearings.

Nos.	1003x26	1005x26	1006x26	1007x26
Size of Wheel, Inches.	3	5	6	7
Diam. of Wheel, In...	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$
For Outside Dia. Tub- ing, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Wt. Per Set, Lbs.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1
Per Set of Four	\$0.23	.29	.34	.39

Six Sets in a Package.



UNIVERSAL, BALL BEARING

Oblong Plate.

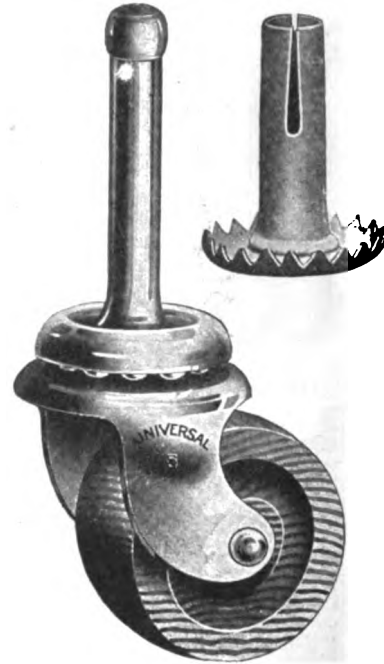
Steel Wheel, Bright Steel Horn and Plate, High Grade Steel Ball Bearings, Steel Axle.

Nos.	533x28	534x28	535x28
Size of Wheel, Inches	3	4	5
Diameter of Wheel, Inches	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Size of Plate, Inches	1 $\frac{1}{2}$ x1 $\frac{1}{8}$	1 $\frac{1}{2}$ x1 $\frac{1}{8}$	1 $\frac{1}{2}$ x1 $\frac{1}{2}$
Height of Caster, Inches	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Weight Per Set, Lbs.	$\frac{3}{4}$	$\frac{7}{8}$	1
Per Set of Four	\$0.24	.28	.32

Nos.	536x28	537x28	538x28
Size of Wheel, Inches	6	7	8
Diameter of Wheel, Inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$
Size of Plate, Inches	1 $\frac{1}{8}$ x1 $\frac{1}{2}$	2 $\frac{1}{4}$ x1 $\frac{1}{4}$	2 $\frac{1}{8}$ x2
Height of Caster, Inches	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$
Weight Per Set, Lbs.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Set of Four	\$0.39	.45	.65

Six Sets in a Box.

UNIVERSAL, BALL BEARING GRIP NECK

Bright Steel Horn, 1 $\frac{1}{2}$ inches Long, Heavy Spring Steel Socket, with 1 inch Diameter Toothed Track Plate, for $\frac{3}{8}$ inch Diameter Bore.

Lignumvitae Wheel, Steel Ball Bearings.

Nos.	503x26	504x26	505x26
Size of Wheel, Inches	3	4	5
Diameter of Wheel, Inches	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Weight Per Set, Lbs.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Per Set of Four	\$0.22	.24	.26

Steel Wheel, Steel Ball Bearings.

Nos.	503x28	504x28	505x28
Size of Wheel, Inches	3	4	5
Diameter of Wheel, Inches	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Weight Per Set, Lbs.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Per Set of Four	\$0.22	.24	.26

Six Sets in a Box.



Lignumvitae Wheel, Bright Steel Horn and Plate, High Grade Steel Ball Bearing, Steel Axle.

Nos.	533x26	534x26	535x26	536x26
Size of Wheel, Inches	3	4	5	6
Diam. of Wheel, In...	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Size of Plate, Inches	1 $\frac{1}{2}$ x1 $\frac{1}{8}$	1 $\frac{1}{2}$ x1 $\frac{1}{8}$	1 $\frac{1}{8}$ x1 $\frac{1}{2}$	1 $\frac{1}{8}$ x1 $\frac{1}{2}$
Height of Caster, In...	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. Per Set, Lbs.	$\frac{3}{4}$	$\frac{7}{8}$	1	1
Per Set of Four	\$0.24	.28	.32	.39

Six Sets in a Box. Google

PLATE CASTERS

BOSS PATENT



Nos. 322 to 342.

Iron Wheel, Oblong Plate, Bronzed, Roller Bearing.

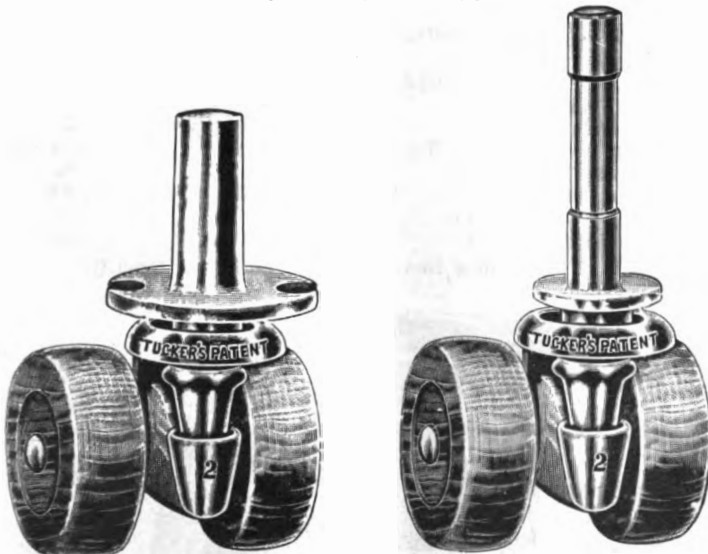
Nos.	322	332	342
Size Nos.	2	3	4
Diameter of Wheel, Inches...	1 1/8	1 1/8	1 1/8
Face of Wheel, Inches.....	1 1/8	5/8	1
Size of Plate, Inches.....	1 1/4 x 1 7/8	1 5/8 x 2 1/4	2 x 2 5/8
Height of Caster, Inches.....	1 5/8	1 1/4	2 3/4
Weight Per Set, Lbs.....	1	1 1/4	2 3/4
Per Set of Four.....	\$0.60	.75	.95

Lignumvitae Wheel, Oblong Plate, Bronzed Roller Bearing.

Nos.	328	338	348
Size Nos.	2	3	4
Diameter of Wheel, Inches...	1 1/8	1 1/8	1 1/8
Face of Wheel, Inches.....	1 1/8	5/8	1
Size of Plate, Inches.....	1 1/4 x 1 7/8	1 5/8 x 2 1/4	2 x 2 5/8
Height of Caster, Inches.....	1 5/8	1 1/4	2 3/4
Weight Per Set, Lbs.....	1	1 1/4	2 3/4
Per Set of Four.....	\$0.65	.80	1.00

One Set in a Box.

TUCKER'S PATENT



Nos. 229 to 259.

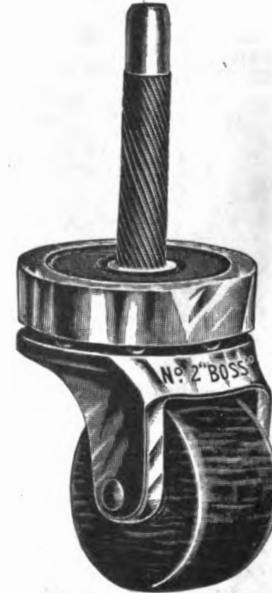
Nos. 220 to 250.

Lignumvitae Wheels, Round Stem Plate, Bronzed.

Nos.	229	239	249	259
Size Nos.	2	3	4	5
Diam. of Wheels, In..	1 1/8	1 1/8	1 1/8	1 1/8
Face of Wheels, In...	5/8	1/2	1/2	5/8
Diam. of Plate, In....	1 1/8	1 1/8	1 1/8	1 1/8
Size of Stem, In.....	3/8 x 7/8	1/2 x 1	1/2 x 1 1/8	1/2 x 1 1/4
Height of Caster, In..	1 1/8	1 1/8	2 1/8	2 1/2
Wt. Per Set, Lbs.....	3/4	1 1/8	2	2 1/2
Per Set of Four.....	\$0.70	.80	.90	1.00

Lignumvitae Wheels, Drive Stem, Bronzed.

Nos.	220	230	240	250
Size Nos.	2	3	4	5
Diam. of Plate, In....	1 1/8	1	1	1
Size of Stem, In.....	1/2 x 1 1/8	1/2 x 2	1/2 x 2	1/2 x 2
Per Set of Four.....	\$0.70	.80	.90	1.00

Other Dimensions Same as Above.
One Set in a Box.

Nos. 329 to 349.

Iron Wheel, Round Stem Plate, Bronzed, Roller Bearing.

Nos.	328	338	348
Size Nos.	2	3	4
Diameter of Wheels, Inches..	1 1/8	1 1/8	1 1/8
Face of Wheel, Inches.....	1 1/8	5/8	1
Diameter of Plate, Inches....	1 1/4	1 1/8	1 1/8
Size of Stem, Inches.....	1/4 x 1 3/8	3/8 x 1 3/8	1/2 x 1 3/8
Height of Caster, Inches.....	1 5/8	2 1/8	2 3/4
Weight Per Set, Lbs.....	1	1 1/4	2 3/4
Per Set of Four.....	\$0.60	.75	.95

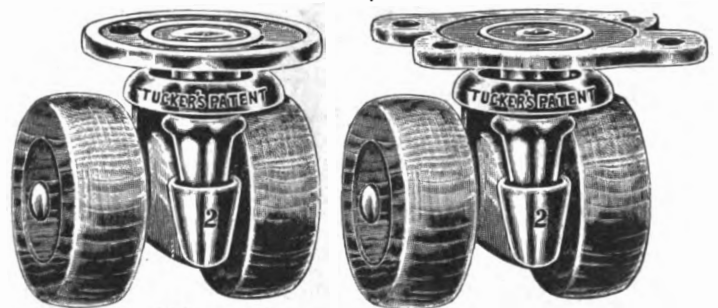
Lignumvitae Wheel, Round Stem Plate, Bronzed, Roller Bearing.

Nos.	329	339	349
Size Nos.	2	3	4
Per Set of Four.....	\$0.65	.80	1.00

Other Dimensions Same as Above.

One Set in a Box.

TUCKER'S PATENT



Nos. 227 to 257.

Nos. 228 to 258.

Lignumvitae Wheels, Round Plate, Bronzed.

Nos.	227	237	247	257
Size Nos.	2	3	4	5
Diam. of Wheels, In..	1 1/8	1 1/8	1 1/8	1 1/8
Face of Wheels, In...	5/8	1/2	1/2	5/8
Diam. of Plate, In....	1 1/8	1 1/8	1 1/8	1 1/8
Height of Caster, In..	1 5/8	1 1/8	2 1/8	2 1/2
Wt. Per Set, Lbs.....	3/4	1 1/8	2	2 1/2
Per Set of Four.....	\$0.70	.80	.90	1.00

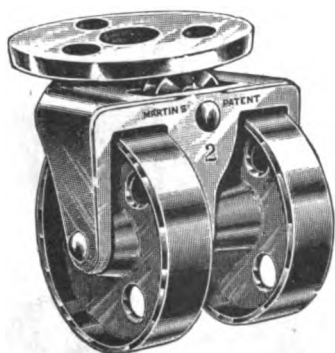
Lignumvitae Wheels, Oblong Plate, Bronzed.

Nos.	228	238	248	258
Size Nos.	2	3	4	5
Diam. of Wheels, In..	1 1/8	1 1/8	1 1/8	1 1/8
Face of Wheels, In...	5/8	1/2	1/2	5/8
Diam. of Plate, In....	1 1/8	1 1/8	1 1/8	1 1/8
Size of Stem, In.....	1 1/8 x 1 1/8	1 1/8 x 1 1/8	1 1/8 x 2 1/4	1 1/8 x 2 1/2
Height of Caster, In..	1 5/8	1 1/8	2 1/8	2 1/2
Wt. Per Set, Lbs.....	3/4	1 1/8	2	2 1/2
Per Set of Four.....	\$0.70	.80	.90	1.00

One Set in a Box.

PLATE CASTERS

MARTIN'S PATENT



Nos. 31 to 61.

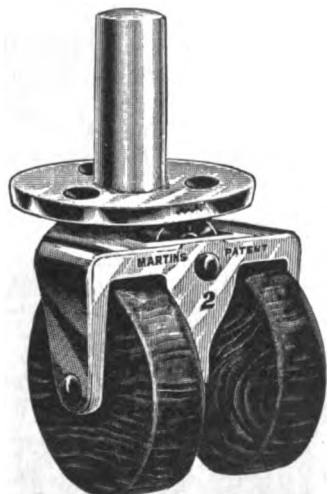
Iron Wheels, Round Plate, Bronzed.

Nos.	21	31	41	51	61
Size Nos.	2	3	4	5	6
Diam. of Wheels, In.	1	1 3/8	1 1/2	1 7/8	1 3/4
Face of Wheels, In.	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8
Diam. of Plate, In.	1 1/4	1 5/8	1 7/8	2 1/8	2 1/2
Height of Caster, In.	1 1/2	1 7/8	2 1/4	2 5/8	2 3/4
Wt. Per Set, Lbs.	1	2	3	4	6
Per Set of Four	\$0.80	.85	.90	1.00	1.25

Lignumvitae Wheels, Round Plate, Bronzed.

Nos.	27	37	47	57	67
Size Nos.	2	3	4	5	6
Diam. of Wheels, In.	1	1 3/8	1 1/2	1 7/8	1 3/4
Face of Wheels, In.	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8
Diam. of Plate, In.	1 1/4	1 5/8	1 7/8	2 1/8	2 1/2
Height of Caster, In.	1 1/2	1 7/8	2 1/4	2 5/8	2 3/4
Wt. Per Set, Lbs.	1	2	2 1/2	3	5
Per Set of Four	\$0.85	.90	.95	1.05	1.30

One Set in a Box.



Nos. 29 to 49.

Iron Wheels, Round Stem Plate, Bronzed.

Nos.	23	33	43
Size Nos.	2	3	4
Diameter of Wheel, Inches.	1	1 3/8	1 1/2
Face of Wheel, Inches.	1 1/8	1 1/8	1 1/8
Diameter of Plate, Inches.	1 1/4	1 5/8	1 7/8
Size of Stem, Inches.	3/8 x 1	7/8 x 1 1/8	1 1/2 x 1 1/4
Height of Caster, Inches.	1 1/2	1 7/8	2 1/4
Weight Per Set, Lbs.	1	2	3
Per Set of Four	\$0.80	.85	.90

Lignumvitae Wheels, Round Stem Plate, Bronzed.

Nos.	29	39	49
Size Nos.	2	3	4
Diameter of Wheel, Inches.	1	1 3/8	1 1/2
Face of Wheel, Inches.	1 1/8	1 1/8	1 1/8
Diameter of Plate, Inches.	1 1/4	1 5/8	1 7/8
Size of Stem, Inches.	3/8 x 1	7/8 x 1 1/8	1 1/2 x 1 1/4
Height of Caster, Inches.	1 1/2	1 7/8	2 1/4
Weight Per Set, Lbs.	1	2	2 1/2
Per Set of Four	\$0.85	.90	.95

One Set in a Box.



Nos. 28 to 68.

Iron Wheel, Oblong Plate, Bronzed.

Nos.	22	32	42	52	62
Size Nos.	2	3	4	5	6
Dia. Wheel, In.	1	1 3/8	1 1/2	1 7/8	1 3/4
Face Wheel, In.	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8
Plate, Inches.	1 3/8 x 1 7/8	1 1/2 x 2 1/4	1 7/8 x 2 3/4	2 1/8 x 3 1/8	2 1/2 x 3 1/2
Height, Inches.	1 1/2	1 7/8	2 1/4	2 5/8	2 3/4
Wt. Set, Lbs.	1	2	3	4	6
Per Set of 4	\$0.80	.85	.90	1.00	1.25

Lignumvitae Wheels, Oblong Plate, Bronzed.

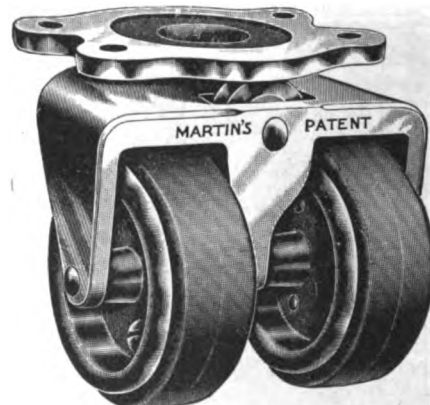
Nos.	28	38	48	58	68
Size Nos.	2	3	4	5	6
Dia. Wheel, In.	1	1 3/8	1 1/2	1 7/8	1 3/4
Face Wheel, In.	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8
Plate, Inches.	1 3/8 x 1 7/8	1 1/2 x 2 1/4	1 7/8 x 2 3/4	2 1/8 x 3 1/8	2 1/2 x 3 1/2
Height, Inches.	1 1/2	1 7/8	2 1/4	2 5/8	2 3/4
Wt. Set, Lbs.	1	2	2 1/2	3	5
Per Set of 4	\$0.85	.90	.95	1.05	1.30

One Set in a Box.

Iron Wheels, Oblong Plate, Milled in Oil, Regular Truck Size.

Nos.	82	102	122
Size Nos.	8	10	12
Diam. of Wheels, In.	2 1/2	3 1/8	4 3/8
Face of Wheels, In.	3/4	3/4	1 1/8
Plate, Inches.	3 1/4 x 4 3/8 x 1 1/8	3 3/8 x 4 3/8 x 1 1/8	4 1/4 x 6 3/8 x 1 1/8
Height, Inches.	3 1/2	4 1/8	5 7/8
Capacity, Lbs.	2000	2500	4000
Wt. Per Set, Lbs.	11	13	38
Per Set of Four	\$2.00	2.50	7.00

No. 82, Six Sets in a Box; Nos. 102 and 122, Open Stock.



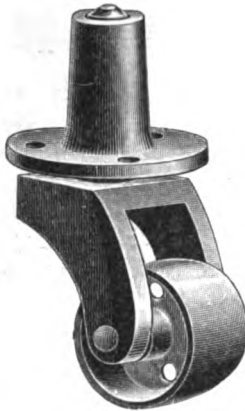
Heavy Construction, Wide Wheels, Soft Rubber Tires, Oblong Plate, Bronzed.

Nos.	62R	82R	102R	112R
Size Nos.	6	8	10	11
Dia. Wh'ls, In.	2	2 1/2	3	3 1/2
Face, Rub'r, In.	3/4	7/8	1	1 1/8
Plate, In.	2 3/8 x 3 3/8 x 1/4	3 1/4 x 4 3/8 x 1/8	3 3/8 x 4 3/8 x 1/8	3 3/8 x 5 x 1/8
Height, In.	3	3 1/2	4 1/8	4 3/4
Wt. Set, Lbs.	8	14	18	26
Per Set of 4	\$4.50	7.00	9.50	14.00

Open Stock.
Digitized by Google

PIANO CASTERS

SWIVEL



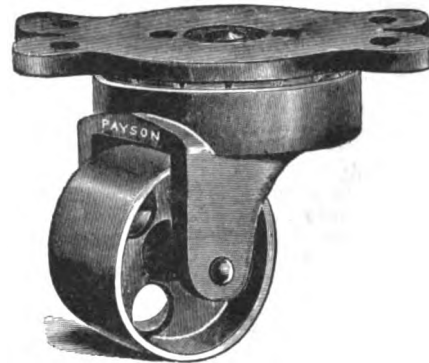
All Iron, Turned Iron Wheel.

No.	8
Wheel, Inches	1 1/8 x 1
Diameter of Plate, Inches	2 1/8
Length of Stem, Inches	1 3/8
Weight Per Set, Lbs.	1 1/2
Per Set of Four	\$0.75

Four Sets in a Package.

TRUCK CASTERS

PAYSON'S ANTI-FRICTION



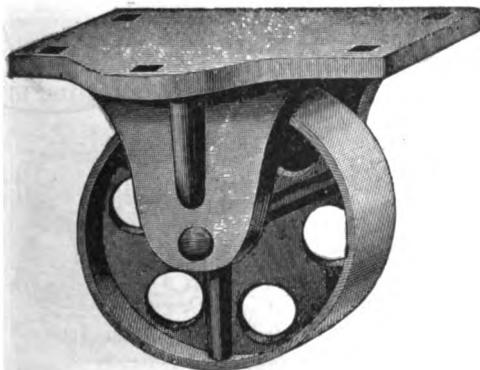
Iron Wheel, Oblong Plate.

Nos.	188	190
Diameter of Wheel, Inches	2 1/2	3 1/8
Face of Wheel, Inches	1 1/4	1 1/2
Plate, Inches	3 x 4 1/4	3 1/8 x 1 1/2
Height, Inches	3 1/2	4 1/2
Capacity, Lbs.	1000	1500
Weight Per Set, Lbs.	8	14 1/2
Per Set of Four	\$2.75	4.00

In Bulk.

STORE TRUCK CASTERS

STATIONARY

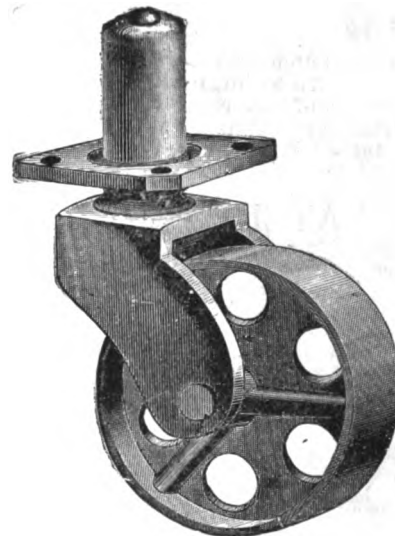


Cast Iron, Japanned.

Nos.	823	824
Wheel, Inches	2 7/8 x 1	3 7/8 x 1 1/2
Plate, Inches	4 3/4 x 2 7/8	5 x 3
Height, Inches	4	5 1/8
Weight Each, Lbs.	3 1/4	4
Each	\$0.30	.43

Open Stock.

SWIVEL

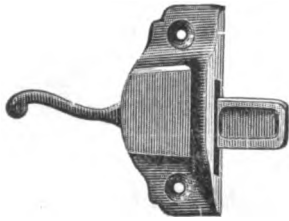


Cast Iron, Japanned.

Nos.	833	834
Wheel, Inches	2 7/8 x 1	3 7/8 x 1 1/8
Plate, Inches	2 3/8 x 2 3/8	2 7/8 x 2 7/8
Height, Inches	4 1/8	5 1/4
Weight Each, Lbs.	3 1/2	4 1/2
Each	\$0.36	.50

Open Stock.

GATE HINGES AND LATCHES

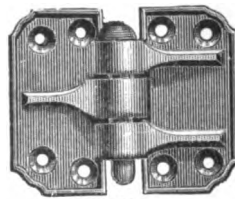


Latch.

To Swing One Way, Self-Closing, Reversible for Either Right or Left Hand Gates.

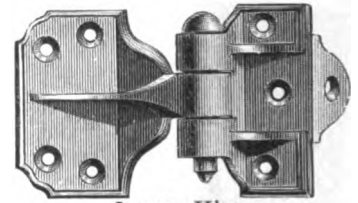
No. 1L—Latch Only, Plain Cast Iron, Screw Hole Adjustment, $2\frac{1}{4} \times 1\frac{1}{4}$ inch Case.....\$1.50
Weight Per Dozen 9 $\frac{1}{2}$ Pounds.
One-half Dozen in a Box.

CLARK'S



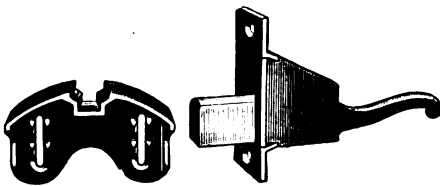
Upper Hinge.

No. 1H—Hinges Only, Plain Cast Iron, $3\frac{3}{4} \times 4\frac{1}{2}$ inch Upper Hinge, $3\frac{1}{2} \times 4$ inch Lower Hinge.....\$3.00
Weight Per Dozen Pairs 32 Pounds.
One-twelfth Dozen Pairs in a Box.



Lower Hinge.

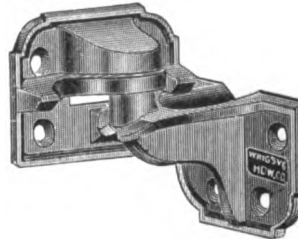
No. 1—Sets, Consists of One No. 1L Latch and 1 Pair No. 1H Hinges.....\$4.50
Weight Per Dozen Sets 43 Pounds.
One-twelfth Dozen Sets in a Box.



Latch.

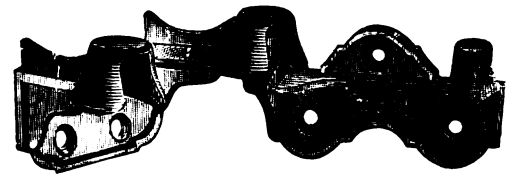
To Swing Both Ways, Self-Closing, Reversible for Either Right or Left Hand Gates.

No. 2L—Latch Only, Plain Cast Iron, Mortise, with Screw Hole Adjustment, Face $3\frac{1}{2}$ inches Long, Case $1\frac{1}{4}$ inches Deep.....\$1.50
Weight Per Dozen $8\frac{1}{2}$ Pounds.
One-half Dozen in a Box.



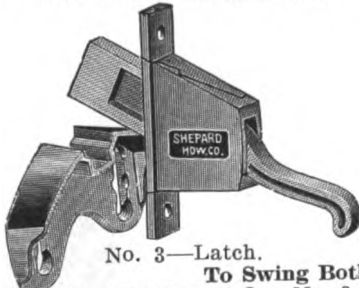
Upper Hinge.

No. 2H—Hinges Only, Plain Cast Iron, $3\frac{3}{4} \times 2\frac{1}{8}$ inch Upper Hinge Plate, Opens 3 inches, $2\frac{1}{4} \times 4$ inch Lower Hinge Post Plate, $1\frac{1}{4} \times 3\frac{3}{4}$ inch Gate Plate, Opens 3 inches..\$4.50
Weight Per Dozen Pairs 28 Pounds.
One-twelfth Dozen Pairs in a Box.



Lower Hinge.

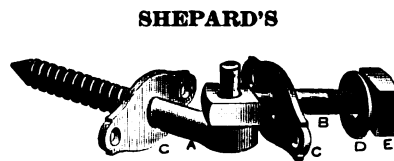
No. 2—Sets, Consists of One No. 2L Latch and One Pair No. 2H Hinges.....\$4.70
Weight Per Dozen Sets 43 Pounds.
One-twelfth Dozen Sets in a Box.



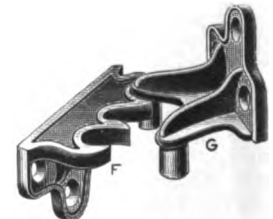
No. 3—Latch.

To Swing Both Ways, Self-Closing, Reversible for Either Right or Left Hand Gates.

No. 3 Sets—Consists of One No. 3 Plain Cast Iron Latch, Face $3\frac{1}{2}$ inches Long, Case $1\frac{1}{4}$ inches Deep, One No. 3 Wrought Iron Upper Hinge, $8\frac{1}{4}$ inches Long Over All, $4\frac{1}{2}$ inch Screw, and One No. 3 Cast Iron Lower Hinge, Plates $3\frac{1}{4}$ inches Wide.....\$10.00
Weight Per Dozen Sets 40 Pounds.
One Set in a Box; Two Dozen Sets in a Case.



No. 3—Upper Hinge.



No. 3—Lower Hinge.

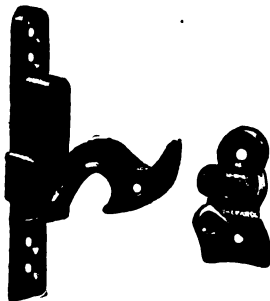
BLIND HINGES

GATE LATCHES

ST. LOUIS

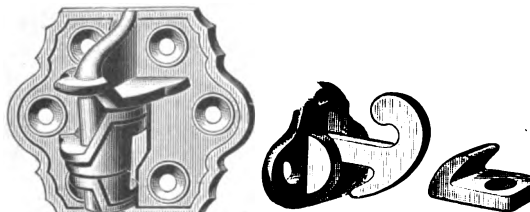
CLARK'S SURFACE GRAVITY LOCKING

SHEPARD'S NOISELESS



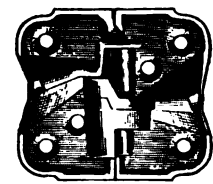
Cast Iron, Japanned.

No. 1N— $4\frac{1}{2}$ inches Long, with Screw Hole Adjustment, to Swing One Way, for Right or Left Hand Gates.....\$1.00
Weight Per Dozen $8\frac{1}{2}$ Pounds.
One Dozen in a Box.



Cast Iron, Japanned.

No. 1B—For Wood, $1\frac{1}{4}$ inch Throw from Casing, with Catch, Weight Per Dozen Sets 18 Lbs.....\$1.70
No. 3B—For Brick, $3\frac{3}{4}$ inch Throw from Casing, with Catch, Weight Per Dozen Sets 31 Lbs.....4.40
No. 5B—For Brick, $4\frac{1}{2}$ inch Throw from Casing, with Catch, Weight Per Dozen Sets 62 Lbs.....8.40
In sets of four Hinges and two Catches.
No. 1, One-half Dozen Sets; Nos. 3 and 5, One-third Dozen Sets in a Box.

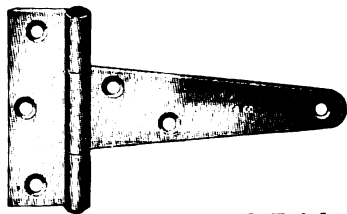


Extra Heavy Cast Iron, Noiseless.

No. 50—For Wood, $1\frac{1}{4}$ inch Throw from Casing, with Catch, Weight Per Set 21 Lbs.....\$2.00
In sets of four Hinges and two Catches.
One-half Dozen Sets in a Box.

T HINGES

LIGHT



No. 805—Wrought Steel, Bright.

Length of Strap, Inches....	3	4	5	6	8
Length of Joint, Inches....	2½	2¾	3	3½	4
Width Strap at Joint, In..	1½	1¾	1¾	1¾	1¾
Size of Screws, Nos.....	6	7	8	8	9
No. of Screw Holes.....	6	6	7	7	8
Wt. Per Dozen Pairs, Lbs..	2¾	3¼	5¼	6½	11½
Per Dozen Pairs.....	\$0.75	.80	1.00	1.20	1.50

EXTRA HEAVY



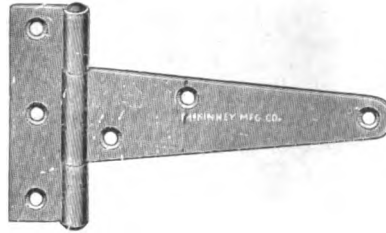
No. 809—Wrought Steel, Bright.

Length of Strap, Inches....	4	5	6	8
Length of Joint, Inches....	3½	4	4½	5½
Width Strap at Joint, In..	1½	1½	2½	2½
Size of Screws, Nos.....	9	10	11	13
No. of Screw Holes.....	6	8	8	8
Wt. Per Doz. Pairs, Lbs..	8	11½	20½	34¼
Per Dozen Pairs.....	\$1.80	2.45	3.00	5.00

Length of Strap, Inches....	10	12	14
Length of Joint, Inches....	7	7¾	7¾
Width Strap at Joint, In..	3½	3¾	3¾
Size of Screws, Nos.....	14	14	16
No. of Screw Holes.....	9	10	10
Wt. Per Doz. Pairs, Lbs..	55	77¼	83
Per Dozen Pairs.....	\$7.40	10.70	11.80

No. SC809—Wrought Steel, Bright, One Pair in a Box, with Screws.					
Length of Strap, Inches...	4	5	6	8	10
Per Dozen Pairs.....	\$3.20	4.10	5.00	7.65	10.80

HEAVY



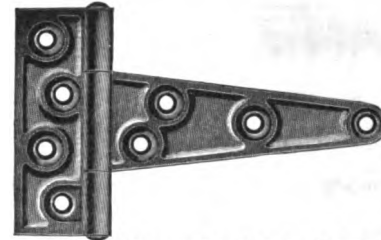
No. 807—Wrought Steel, Bright.

Length of Strap, Inches....	4	5	6	8	10
Length of Joint, Inches....	3	3½	3½	4	4½
Width Strap at Joint, In..	1½	1¾	1¾	1¾	2
Size of Screws, Nos.....	8	8	9	10	11
No. of Screw Holes.....	6	7	7	7	8
Wt. Per Dozen Pairs, Lbs..	4¾	6¾	9¼	12¼	19¼
Per Dozen Pairs.....	\$0.90	1.05	1.25	1.55	2.30

No. SC807—Wrought Steel, Bright, One Pair in a Box, with Screws.

Length of Strap, Inches....	4	5	6	8
Per Dozen Pairs.....	\$3.00	3.40	4.00	5.35

CORRUGATED, EXTRA HEAVY



No. 810—Wrought Steel, Bright.

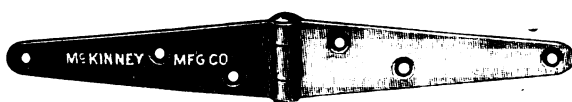
Length of Strap, Inches....	4	5	6	8	10
Length of Joint, Inches....	3½	4	4½	5½	7
Width Strap at Joint, In..	1½	1½	2½	2½	3½
Size of Screws, Nos.....	9	10	11	13	14
No. of Screw Holes.....	6	8	8	9	9
Wt. Per Dozen Pairs, Lbs..	6	9¼	16½	25	37
Per Dozen Pairs.....	\$1.80	2.45	3.00	5.00	7.40

No. SC810—Wrought Steel, Bright, One Pair in a Box, with Screws.

Length of Strap, Inches....	5	6	8
Per Dozen Pairs.....	\$4.35	5.00	8.00

STRAP HINGES

LIGHT



No. 800—Wrought Steel, Bright.

Length of Each Leaf, In..	3	4	5	6	8	10
Width at Joint, Inches....	1½	1½	1½	1½	1½	2½
Size of Screws, Nos.....	6	7	8	9	10	10
No. of Screw Holes.....	6	6	8	8	8	8
Wt. Per Doz. Pairs, Lbs..	2½	3½	5½	8¾	15¼	21½
Per Dozen Pairs.....	\$0.85	1.10	1.35	1.70	2.40	3.30

No. SC800—Wrought Steel, Bright, One Pair in a Box, with Screws.

Length of Each Leaf, Inches....	3	4	5	6
Per Dozen Pairs.....	\$1.75	2.10	2.50	2.85

CORRUGATED, HEAVY

No. 804—Wrought Steel, Bright.

Length Each Leaf, Inches....	4	5	6	8	10
Width at Joint, Inches....	1½	1½	2½	3	3¾
Size of Screws, Nos.....	9	9	11	12	14
No. of Screw Holes.....	6	8	8	8	8
Weight Per Dozen Pairs, Lbs..	4¼	7½	15	26	39
Per Dozen Pairs.....	\$1.60	2.15	2.80	4.50	6.80

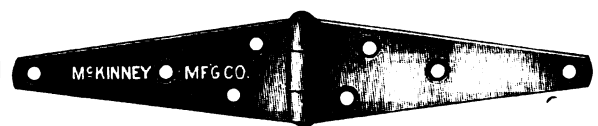
No. SC804—Wrought Steel, Bright, One Pair in a Box, with Screws.

Length of Each Leaf, Inches....	5	6	8
Per Dozen Pairs.....	\$3.00	3.60	5.35

No. 804.



HEAVY



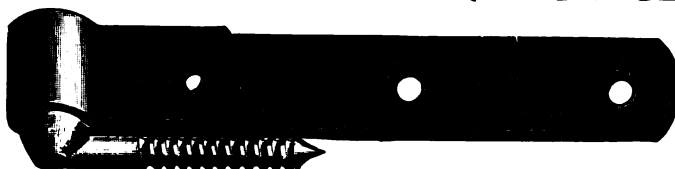
No. 803—Wrought Steel, Bright.

Lgth. Ea. Leaf, In..	4	5	6	8	12	14
Width Joint, In..	1½	1½	2½	3	3¾	4½
Screw Nos.	9	9	11	12	13	14
No. Screw Holes.....	6	8	8	8	10	10
Wt. Dz. Prs., Lbs..	5½	10¼	18½	32	51	74
Per Dozen Pairs.....	\$1.60	2.15	2.80	4.50	6.80	10.40

No. SC803—Wrought Steel, Bright, One Pair in a Box, with Screws.

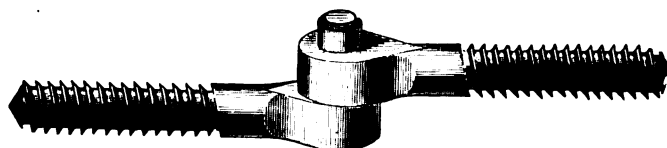
Length Each Leaf, Inches....	4	5	6	8
Per Dozen Pairs.....	\$2.40	3.00	3.35	5.00

SCREW HOOK AND STRAP HINGES



Length of Strap, In...	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
Diam. of Hook, In...	1/2	1/2	5/8	5/8	3/4	3/4	3/4	3/4	3/4	7/8	7/8	7/8	1	1	1	1
Av. Wt. Doz. Prs., Lbs.	21	28	41	56	68	73	92	110	120	128	136	156	215	250	266	320
Per Pound	\$0.10	.10	.10	.10	.09 1/2	.09 1/2	.09 1/2	.09 1/2	.09	.09	.09	.09	.09	.09	.09	.09

HOOK AND EYE HINGES



Wrought.

Inches	1 1/2	5/8	3/4
Ave. Wt. Per Dozen Pairs, Lbs.	13	22	36
Per Pound	\$0.20	.15	.13



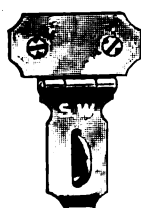
No. 925J—Wrought Steel, Japanned, Double Hinge.

Extreme Length of Hinge, Inches	4 1/2	6
Width at Joint, Inches	1 1/2	..
Dist. Between Center of Hinges, In	1 1/2	..
Weight Per Dozen, Lbs.	5	..
Per Dozen	\$2.90	4.40

Designed particularly for boxes, tool chests, lockers, etc. When hasp is closed the screw holes are concealed, making it impossible to take off the hasp without first removing the padlock.

One-half Dozen in a Box, with Screws.

LIGHT T



No. 345C—Wrought Steel, Brass Plated.

Extreme Length, Inches	2 5/8
Width at Joint, Inches	1
Weight Per Dozen, Lbs.	3 1/4
Per Dozen	\$2.00

One Dozen in a Box, with Screws.

HINGE HASPS

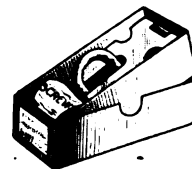


No. 813—Wrought Steel, Bright.

Length of Strap, Inches	3	4 1/2	6	8
Width at Joint, Inches	1 1/2	1 1/2	1 1/2	1 7/8
Size of Screws, Nos.	6	7	9	10
No. of Screw Holes	7	7	8	8
Weight Per Dozen, Lbs.	2	2 1/4	5	8 1/4
Per Single Dozen	\$0.75	.90	1.25	1.50

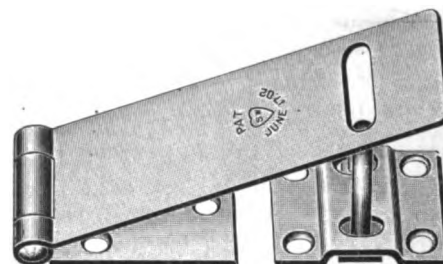
No. SC813—Wrought Steel, Bright, One in a Box, with Screws.

Lgth. of Strap, In.	3	4 1/2	6	8
Per Single Dozen	\$1.60	2.00	2.65	3.50



Cut Shows One in a Box, with Screws.

SAFETY HASPS



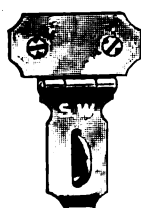
No. 915—Wrought Steel, Bright.

Length of Strap, Inches	3	4 1/2	6
Width at Joint, Inches	1 1/2	1 1/2	1 7/8
Size of Screw, Nos.	7	7	8
Wt. Per Single Dozen, Lbs.	3 1/4	4 1/4	9
Per Single Dozen	\$1.80	2.40	3.40

These Hasps are made with concealed screw holes, rendering it impossible to take Hasp off when locked.

One-half Dozen in a Box.

BASKET HASPS

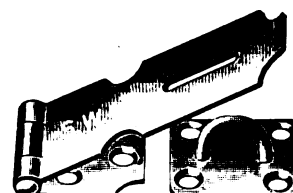


No. 345C—Wrought Steel, Brass Plated.

Extreme Length, Inches	2 5/8
Width at Joint, Inches	1
Weight Per Dozen, Lbs.	3 1/4
Per Dozen	\$2.00

One Dozen in a Box, with Screws.

SAFETY

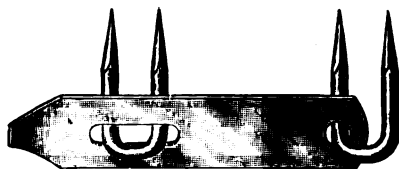


No. 346C—Wrought Steel, Brass Plated.

Length, Inches	2 1/2
Width at Joint, Inches	7/8
Weight Per Dozen, Lbs.	1 1/4
Per Dozen	\$2.00

One Dozen in a Box, with Screws.

HASPS AND STAPLES

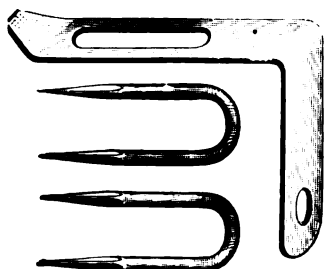


No. 20—Wrought Steel, Plain.

Length, Inches	5	6	7	8	9	10
Wt. Per Dozen, Lbs.	1 1/2	2	2 1/2	3 1/2	4 1/4	5
Per Dozen	\$0.90	1.00	1.10	1.30	1.70	2.00

One Dozen in a Box.

BENT HASPS AND STAPLES



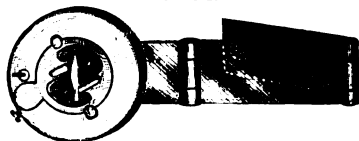
No. 40—Wrought Steel, Plain, with Two Staples.

Inches	5	6	7	8
Weight Per Dozen, Lbs.	1 1/2	2	2 1/2	3 1/2
Per Dozen	\$1.10	1.30	1.40	1.60

One Dozen in a Box.

HASP LOCKS

PROUTY



Self-Locking, Black Japanned.

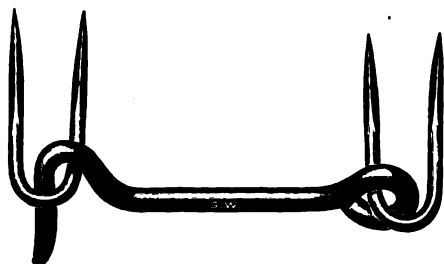
Per Dozen

No. 22—7 3/4 inches Long, Black Japanned, Double Hinge, Steel Hasp, Solid Brass Lock with 2 Keys, 100 Key Changes, to be Used as Chest Lock or where it is Desired to Employ the Lock in or Around Corner\$7.00

The Locking Bar of this Hasp Lock corresponds to the shackle on the ordinary padlock, but in the "Prouty" is contained entirely within the lock. This renders it impossible to secure any hold or leverage whereby the lock could be forced to break open, the entire lock must be destroyed. The fact that the locking bar cannot be used as a feeler makes it nearly impossible to file a duplicate key.

Weight Per Dozen 7 3/4 Pounds.
One Dozen in a Box, with Screws.

HOOKS AND STAPLES



Bright Wire, Extra Heavy.

Size, Inches	5x 1/8
Weight Per Gross, Lbs.	30
Per Gross	\$5.25

One-quarter Gross in a Box.

6x 1/8
37
5.60

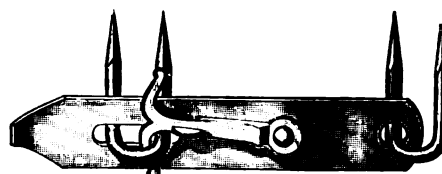
No. 850—PERFECT, Wrought Steel, Bright.

Length, Inches	8
Weight Per Dozen, Lbs.	4
Per Dozen	\$0.90

This Hasp can be operated by one hand, cannot be opened accidentally as the weight of the head and shape of the slot hold it in place, can be locked with padlock, suitable for either right or left hand.

One Dozen in a Box.

HASPS, HOOKS AND STAPLES

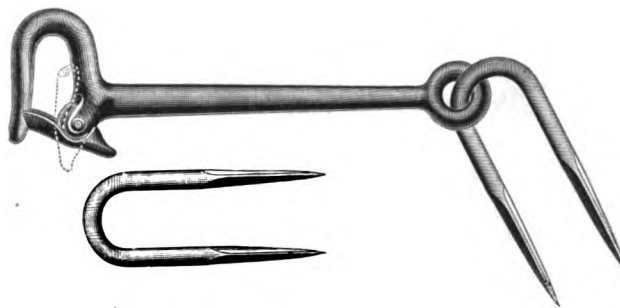


No. 30—Wrought Steel, Plain, with Double Hook.

Length, Inches	5	6	7	8	9	10
Wt. Per Dozen, Lbs.	2	2 1/2	3	3 1/2	4 1/2	5 1/2
Per Dozen	\$1.20	1.40	1.60	1.80	2.20	2.50

One Dozen in a Box.

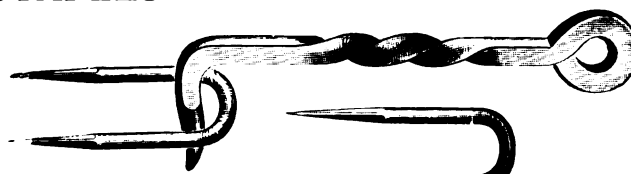
SAFETY GATE HOOKS



No. 100—Malleable Iron Hook, Wrought Steel Staples, Tinned.

Length, Inches	4	5	6
Weight Per Gross, Lbs.	24	27	30
Per Gross	\$16.50	18.00	21.00

One-Sixth Gross in a Box.



No. 10—Wrought Steel, Twisted.

Length, In...	8	3 1/2	4	4 1/2	5	5 1/2	6
Wt. Gro., Lbs.	10	12	16	20	24	27	29
Per Gross	\$8.00	9.00	10.00	11.00	12.00	13.00	14.00

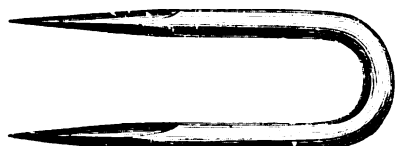
No. 110—Wrought Steel, Twisted, Extra Heavy.

Length, Inches	4	5	6
Weight Per Gross, Lbs.	24	40	48
Per Gross	\$13.00	16.00	19.00

One-quarter Gross in a Box.

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WROUGHT STAPLES



No. 5—Wrought Steel.

Inches	1	1 1/4	1 1/2	1 3/4	2	2 1/4
Wt. Gross, Lbs.	3/4	1	1 1/2	2 1/4	3	4
Per Gross	\$1.20	1.20	1.25	1.50	1.70	2.00
Inches	2 1/2	3	3 1/2	4	4 1/2	5
Wt. Gross, Lbs.	5 1/2	7 1/2	10	14	16 1/2	19
Per Gross	\$2.35	3.20	3.70	5.25	6.50	8.00

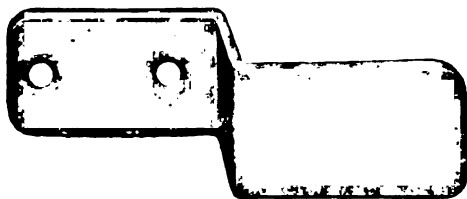
Assorted—1 1/2 to 3 1/2 (1 1/2, 1 3/4, 2, 2 1/2, 3 and 3 1/2 inch) \$2.10
 1 to 2 1/2 inch, One Gross; 3 to 4 inch, One-half Gross; 4 1/2 and 5 inch, One-quarter Gross in a Box.

BAR STAPLES



Wrought Steel, Natural Color.

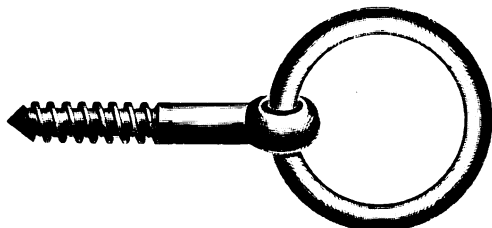
No. 20—Whole, 1 1/2 x 1 1/2 inch Steel, for 2x4 inch Bar... \$1.75
 Weight Per Dozen 12 Pounds.
 Open Stock.



Wrought Steel, Natural Color.

No. 30—Half, 1 1/2 x 1 1/2 inch Steel, for 2x4 inch Bar.... \$1.50
 Weight Per Dozen 9 Pounds.
 Open Stock.

HITCHING RINGS



Wrought Steel Screw Ring, Solid Forged Eye.

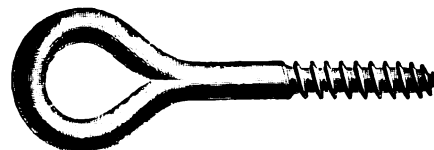
No. 15—Plain, 2 1/2 inch Ring, Weight Per Dozen 3 Lbs. \$1.55
 No. 17—Galvanized, 2 1/2 inch Ring, Weight Per Dozen 3 Lbs. 2.30
 One Dozen in a Box.

TURN BUCKLES



1 1/8 x 3 1/4 inch Cast Iron Swivel, Wrought Steel Hook and Eye, Wrought Lock Nuts, Oval Eye.
 Length when Extended 9 3/4 inches, Length when closed 7 1/2 inches, Opens 1 3/8 inches, Diameter of Screw 1/4 inch.
 No. 31—Plain \$2.80
 No. 37—Galvanized 3.50
 One Dozen in a Box.

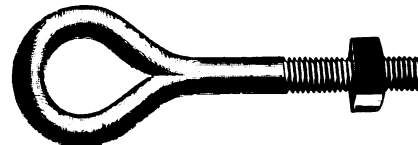
EYE BOLTS



No. 100—Wrought Steel, Plain, without Nut.

Size of Rod, Inches	3/4	1	1 1/4	1 1/2	1 3/4	2
Length Including Eye, In.	3 3/4	4	4 1/2	5 1/4	6 3/4	8 1/4
Length Excluding Eye, In.	2 3/4	2 1/2	2 3/4	3 1/2	4 3/4	6 1/4
Size Inside of Eye, In.	3/4	1	1 1/4	1 1/2	1 3/4	2
Weight Per Dozen, Lbs.	1	1 1/2	2 1/2	5 1/2	7 1/2	11 1/2
Per Dozen	\$0.90	1.20	1.40	2.50	3.90	

One Dozen in a Box.



No. 101—Wrought Steel, Plain, with Nut.

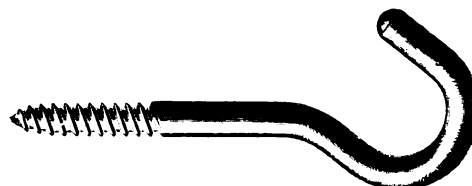
Size of Rod, Inches	3/4	1	1 1/4	1 1/2	1 3/4	2
Length, Including Eye, Inches	6	8	10	12	14	16
Length, Excluding Eye, Inches	4	6	8	10	12	14
Size of Eye, Inside, Inches	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4
Weight Per Dozen, Lbs.	3 1/2	4 1/2	6 1/2	10 1/2	14 1/2	18 1/2
Per Dozen	\$3.60					

No. 83—Wrought Steel, Galvanized, with Nut.

Size of Rod, Inches	3/4	1	1 1/4	1 1/2	1 3/4	2
Length, Including Eye, Inches	4	5	6	7	8	9
Length, Excluding Eye, Inches	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2
Size of Eye, Inside, Inches	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4
Weight Per Dozen, Lbs.	3	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2
Per Dozen	\$3.20	3.60				

No. 101, One-half Dozen; No. 83, One Dozen in a Box.

SCREW HOOKS



No. 120—Wrought Steel, Plain.

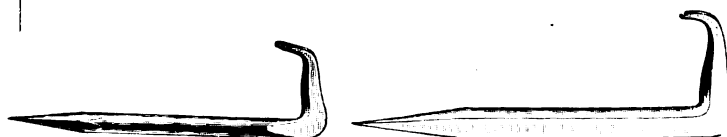
Size of Rod, Inches	3/4	1	1 1/4	1 1/2	1 3/4	2
Length Over All, Inches	4 1/4	4 1/2	4 3/4	5 1/4	6 1/4	7 1/4
Length to Bend of Hook, In.	2 3/8	2 3/4	2 3/4	3 1/4	4 1/4	5 1/4
Weight Per Dozen, Lbs.	1	1 1/2	2 1/4	5 1/4	8 1/4	11 1/4
Per Dozen	\$0.80	.90	1.00	1.80		

No. 122—Wrought Steel, Galvanized.

Size of Rod, Inches	3/4	1	1 1/4	1 1/2	1 3/4	2
Length Over All, Inches	4 1/4	4 1/2	4 3/4	5 1/4	6 1/4	7 1/4
Length to Bend of Hook, In.	2 3/8	2 3/4	2 3/4	3 1/4	4 1/4	5 1/4
Weight Per Dozen, Lbs.	1	1 1/2	2 1/4	5 1/4	8 1/4	11 1/4
Per Dozen	\$1.20	1.35	1.50	2.80		

One Dozen in a Box.

AWNING HOOKS



Cut of 3 1/2 inch and Smaller. Cut of 4 inch and Larger.

No. 60—Wrought Steel, Plain.

Inches	2	2 1/2	3	3 1/2
Weight Per Gross, Lbs.	3 1/2	4 1/2	5	7
Per Gross	\$2.80	4.00	5.00	6.00
Inches	4	4 1/2	5	6
Weight Per Gross, Lbs.	12	21	42	56
Per Gross	\$9.00	10.00	11.00	13.00

One-half Gross in a Box.

BRASS SCREW HOOKS

Cuts Full Size.



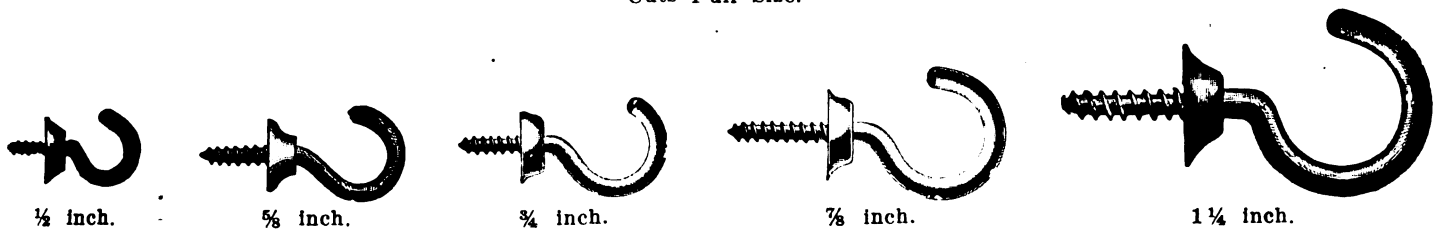
No. 412—Brass Wire, Polished.

Length, Inches	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2
Weight Per Gross, Lbs.	3/4	1 1/2	2 1/4	3 1/4	5 1/2	9	11 1/2
Per Gross	\$3.75	3.85	4.00	4.50	5.25	9.00	11.00

One Gross in a Box.

BRASS CUP HOOKS

Cuts Full Size.



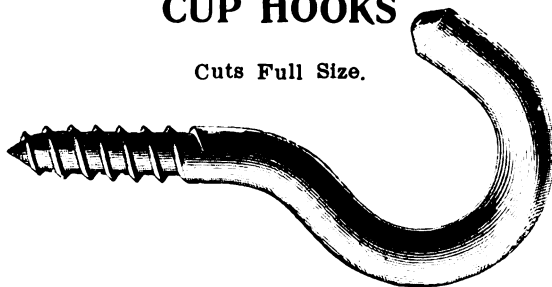
No. 81—Brass Wire, Polished.

Length, Inches	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2
Weight Per Gross, Lbs.	3/8	1/2	3/4	1	1 1/2	1 3/4	2	2 1/2
Per Gross	\$3.75	3.85	4.00	4.50	5.25	7.00	9.00	11.00

One Gross in a Box.

CUP HOOKS

Cuts Full Size.



Bright Wire.

No.	600
Length, Inches	14
Weight Per Gross, Lbs.	\$21.00
Per Gross	

One-half Gross in a Box.

KITCHEN HOOKS

Cuts Full Size.



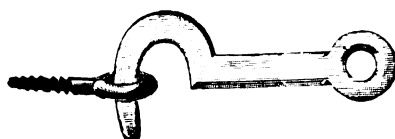
No. 7—Steel Wire, Brass Plated.

No.	587
Size, Inches	1 3/4
Weight Per Gross, Lbs.	3
Per Gross	\$2.00

For Towels, Utensils, Etc.

One Gross in a Box.

HOOKS AND EYES

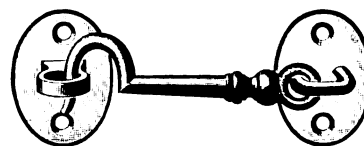


Full Size of 1 1/2 inch.

No. 61—Brass, Double Convex, Right or Left Hand.						
Length, Inches	1	1 1/4	1 1/2	1 3/4	2	2 1/2
Wt. Gross, Lbs.	1/2	5/8	3/4	1 1/4	2	3
Per Gross	\$2.50	2.75	3.00	3.25	4.00	4.75

One Gross in a Box.

CABIN DOOR HOOKS

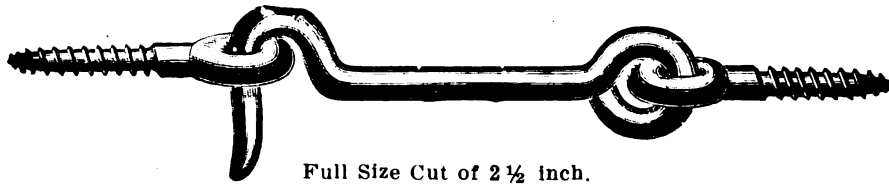


No. 72—Cast Brass, Polished, Natural Color.

Length, Inches	2 1/2	3
Weight Per Dozen, Lbs.	1 1/2	2
Per Dozen	\$2.70	3.10

Two Dozen in a Box, with Screws.

GATE HOOKS AND EYES



Full Size Cut of 2 1/2 inch.

No. 40—Bright Steel Wire.

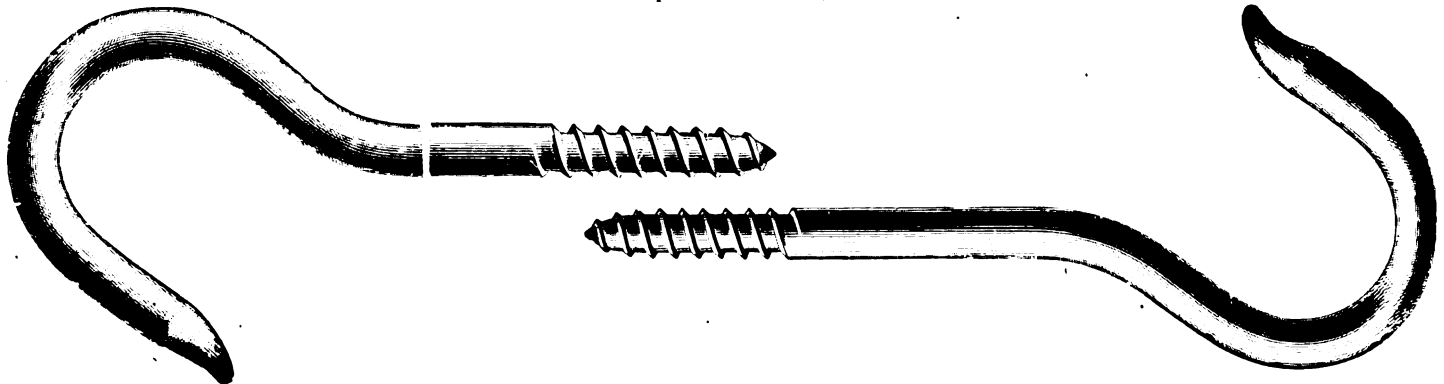
Length, Inches	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6	8	10	12
Weight Per Gross, Lbs.	3 1/2	5	6 1/2	8	10	12	15	17	21	26	28	31
Per Gross	\$6.50	8.00	10.00	12.00	14.50	17.00	20.00	24.00	30.00	36.00	42.00	48.00

1 1/2 inch, One Gross; 2 to 4 inch, One-half Gross; 4 1/2 to 6 inch, One-quarter Gross; Larger, One-sixth Gross in a Box.

SCREW HOOKS

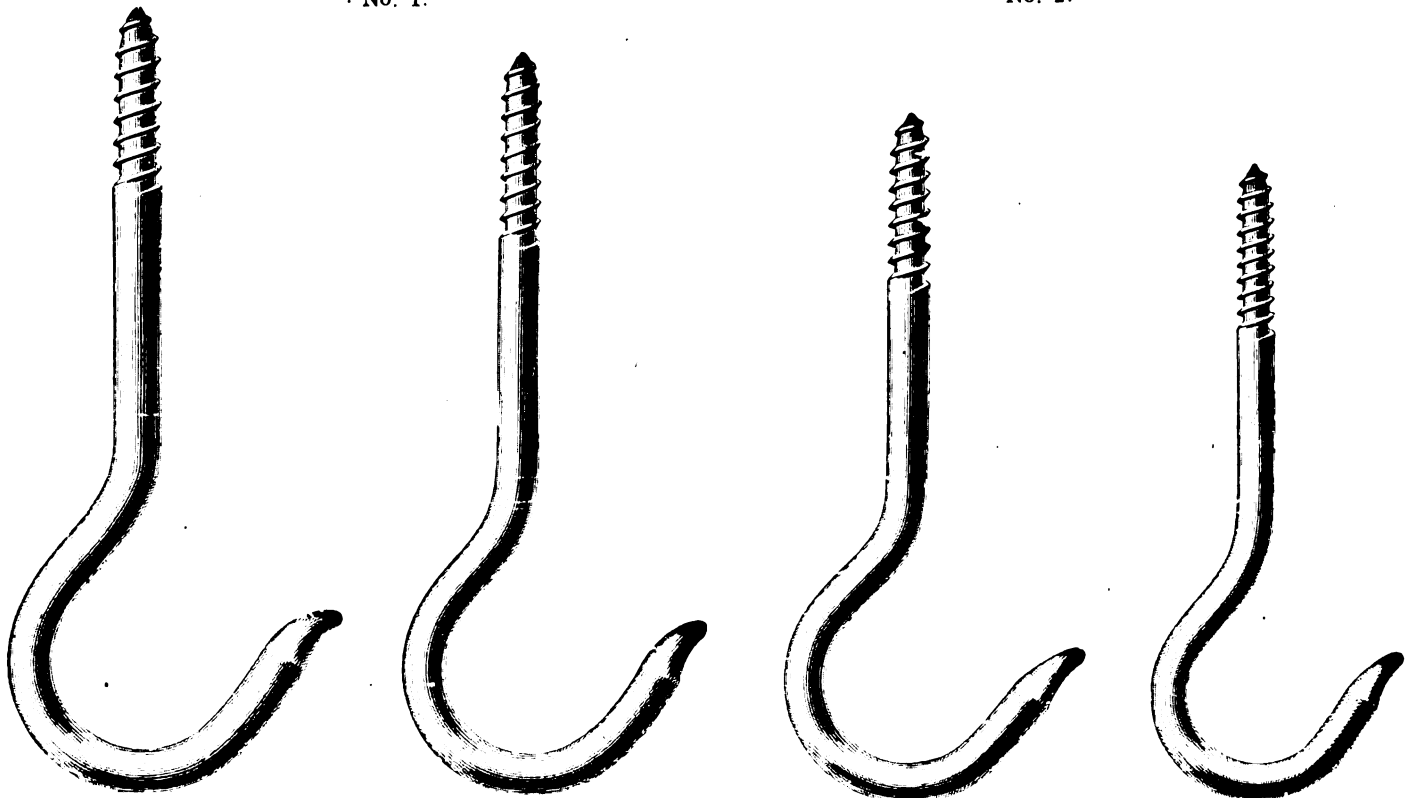
Cuts Full Size.

List Adopted March 15, 1911.



No. 1.

No. 2.



No. 3.

No. 4.

No. 5.

No. 6.

Bright Steel Wire.

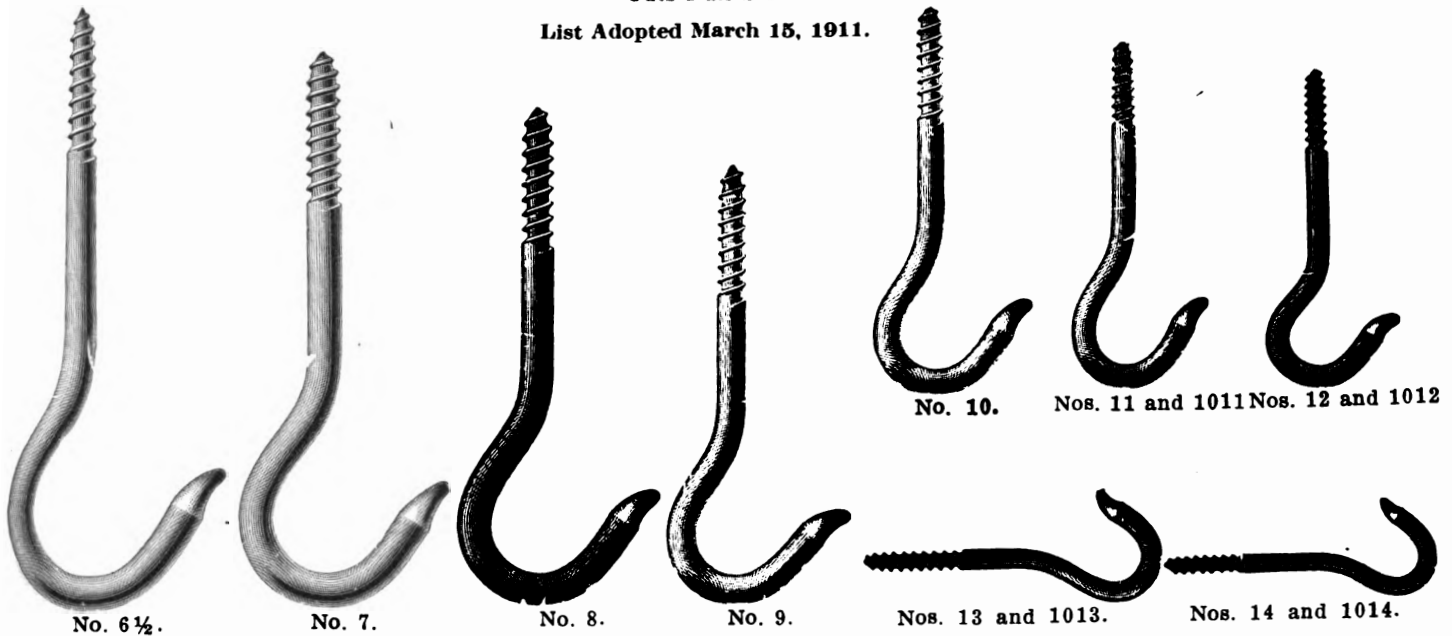
Nos.	0	1	2	3	4	5	6
Size of Wire, Nos.	0	1	2	3	4	5	6
Length Over All, Inches.	4 1/2	4 1/2	4 1/2	4 1/2	3 7/8	3 5/8	3 3/8
Inside Diameter of Hook, Inches.	1 1/8	1 1/8	1 1/8	1 1/8	3/8	7/8	1 1/8
Weight Per Gross, Lbs.	19 1/4	16 1/4	13 1/4	10 1/2	8 1/4	7	5 1/2
Per Gross	\$21.00	18.00	15.00	12.50	10.00	8.00	6.00

Nos. 0 to 5, One-half Gross; No. 6, One Gross in a Box.

SCREW HOOKS

Cuts Full Size.

List Adopted March 15, 1911.

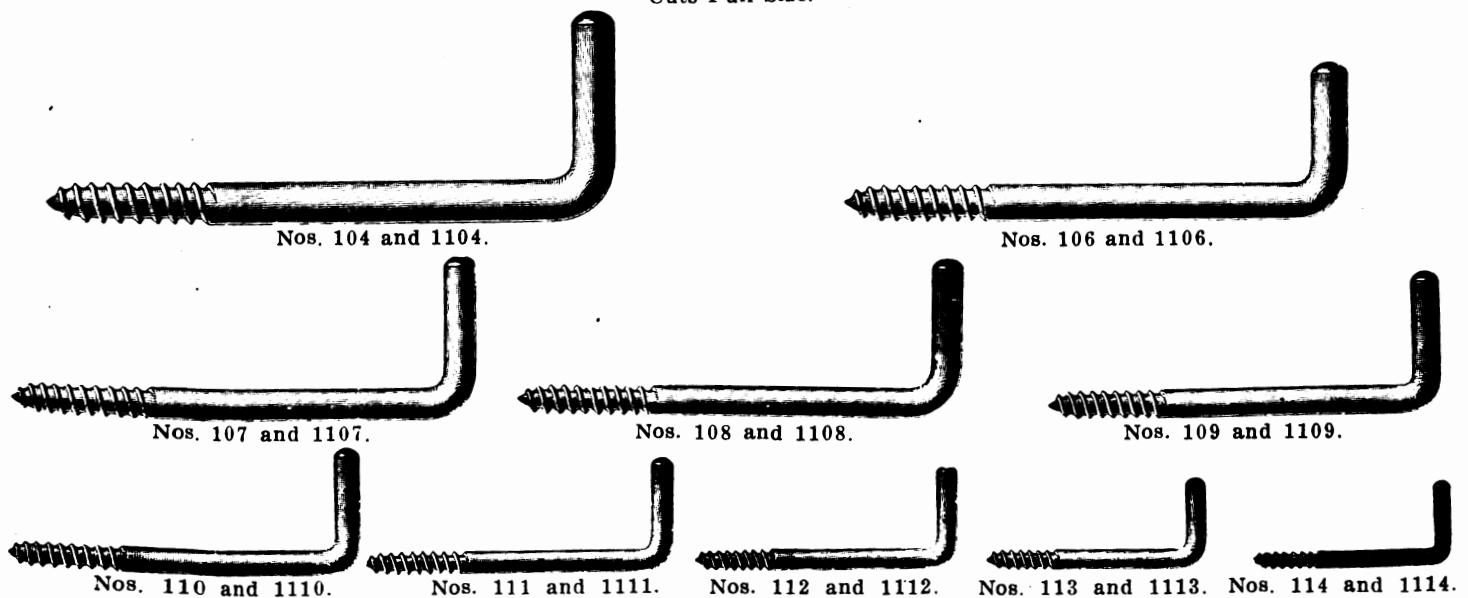


Bright Steel Wire.									
Nos.	6 1/2	7	8	9	10	11	12	13	14
Size of Wire, Nos.	6 1/2	7	8	9	10	11	12	13	14
Length Over All, Inches.	3 1/8	2 1/8	2 1/8	2 1/8	2 1/8	1 7/8	1 1/8	1 1/2	1 5/8
Inside Diameter of Hook, Inches.	1 1/8	3/8	1/8	3/8	3/8	3/8	3/8	3/8	3/8
Weight Per Gross, Lbs.	4 1/2	3 1/2	3	2 1/4	1 3/4	1	3/4	1/2	1/2
Per Gross	\$5.30	4.50	4.00	3.50	3.00	2.80	2.50	2.30	2.00
Brass Wire.									
Nos.				1011	1012	1013	1014		
Per Gross				\$8.00	6.50	5.00	4.00		

One Gross in a Box.

SQUARE SCREW HOOKS

Cuts Full Size.



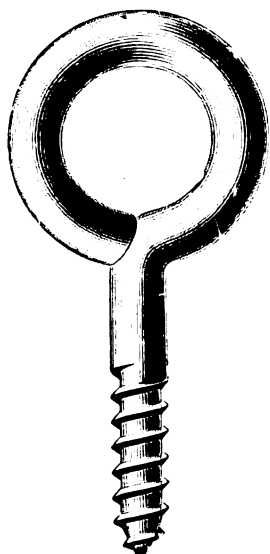
Bright Steel Wire.											
Nos.	104	105	106	107	108	109	110	111	112	113	114
Size of Wire, Nos.	4	5	6	7	8	9	10	11	12	13	14
Length Over All, Inches.	3 1/8	2 7/8	2 5/8	2 7/8	1 1/4	2	1 1/8	1 1/8	1 3/8	1 3/8	1
Length of Hook, Inches.	1	1 1/8	7/8	1 1/8	3/4	1 1/8	5/8	3/8	1/2	3/8	3/8
Weight Per Gross, Lbs.	5 3/4	4 1/4	3 1/4	2 3/4	2 1/4	1 3/4	1 1/4	3/4	1/2	3/8	1/4
Per Gross	\$10.00	8.00	6.00	4.50	4.00	3.50	3.00	2.80	2.50	2.30	2.00
Brass Wire.											
Nos.	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114
Per Gross	\$45.00	37.00	30.00	21.00	15.00	12.00	10.00	8.00	6.50	5.00	4.00

One Gross in a Box.

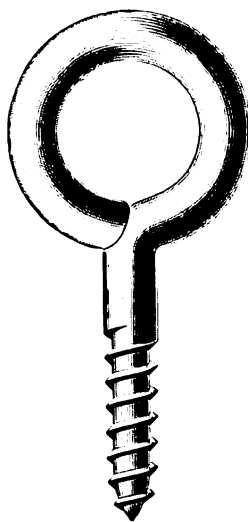
SCREW EYES

Cuts Full Size.

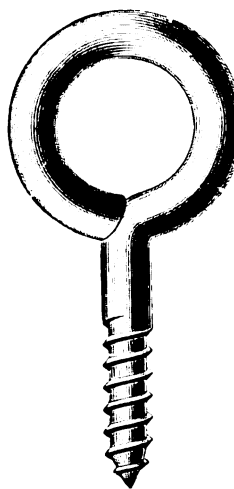
List Adopted March 15, 1911.



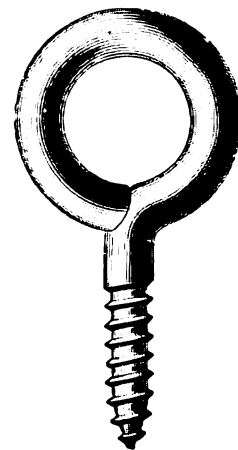
No. 0.



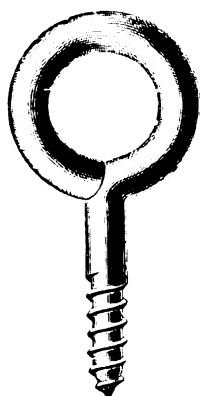
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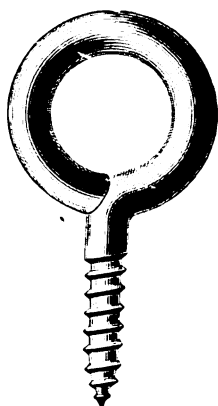
No. 2.



No. 3.



No. 4.



No. 5.



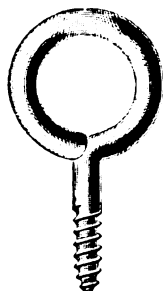
No. 6.



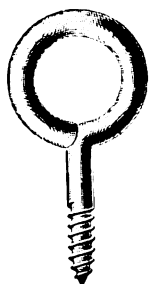
No. 7.



No. 8.



No. 9.



Nos. 10 and 1010.



Nos. 11 and 1011.



Nos. 12 and 1012.



Nos. 13 and 1013.



Nos. 14 and 1014.

Bright Steel Wire.

Nos.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Size of Wire, Nos.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Length Over All, Inches	2 7/8	2 1/8	2 5/8	2 1/4	2 3/8	2 1/2	1 7/8	1 7/8	1 5/8	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8
Length of Stem, Inches	1 1/8	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Inside Diameter of Eye, Inches	1 1/8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Weight Per Gross, Lbs.	14	11	9	7 1/2	5 1/2	5	3 1/2	2 1/2	2	1 3/4	1 1/4	1	3/4	1/2	1/2
Per Gross	\$16.00	13.00	11.00	9.00	7.00	5.80	4.50	3.80	3.30	2.80	2.50	2.00	1.70	1.50	1.50

Brass Wire.

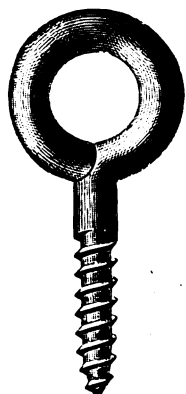
Nos.	1011	1012	1013	1014
Per Gross	\$7.00	5.50	4.50	3.50

Nos. 0 to 5, One-half Gross; Nos. 6 to 14 and 1011 to 1014, One Gross in a Box.

SCREW EYES

Cuts Full Size.

List Adopted March 15, 1911.



Nos. 104 and 1104.



Nos. 105 and 1105.



Nos. 106 and 1106.



Nos. 107 and 1107.



Nos. 108 and 1108.



Nos. 109 and 1109.



Nos. 110 and 1110.



Nos. 111 and 1111.



Nos. 112 and 1112.



Nos. 113 and 1113.



Nos. 114 and 1114.

Bright Steel Wire.

Nos.	104	105	106	107	108	109	110	111	112	113	114
Size of Wires, Nos.	4	5	6	7	8	9	10	11	12	13	14
Length Over All, Inches	2 7/8	1 1/8	1 1/8	1 1/8	1 3/8	1 7/8	1 7/8	1 7/8	1 1/4	1	1 1/8
Length of Stem, Inches	1 1/8	1 3/8	3/4	3/4	1 1/8	3/4	1 1/8	5/8	3/4	3/4	1 1/8
Inside Diameter of Eye, Inches	3/4	3/8	7/8	3/4	3/4	3/4	7/8	3/4	3/4	3/4	3/4
Weight Per Gross, Lbs.	5 3/4	4 1/4	3 1/4	2 1/2	2	1 1/2	1 1/4	7/8	1/2	3/8	1/4
Per Gross	\$7.00	5.80	4.50	3.80	3.30	2.80	2.50	2.00	1.70	1.50	1.50

Brass Wire.

Nos.	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114
Per Gross	\$30.00	26.00	21.00	16.00	13.00	10.00	9.00	7.00	5.50	4.50	3.50

One Gross in a Box.



No. 204.



No. 205.



No. 206.



No. 207.



No. 208.



No. 209.



No. 210.



Nos. 211



Nos. 212



Nos. 213



Nos. 214



No. 216 1/2.

Bright Steel Wire.

Nos.	204	205	206	207	208	209	210	211	212	213	214	216 1/2
Size of Wire, Nos.	4	5	6	7	8	9	10	11	12	13	14	16
Length Over All, Inches	1 1/8	1 3/8	1 3/8	1 1/2	1 3/8	1 1/4	1 3/8	1 7/8	1 1/8	1 3/8	1 3/8	1 3/8
Length of Stem, Inches	1 1/8	1 3/8	3/4	3/4	1 1/8	3/4	1 1/8	5/8	3/4	3/4	3/4	3/4
Inside Diam. of Eye, Inches	3/4	3/8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Weight Per Gross, Lbs.	4 1/4	3 3/4	2 3/4	2 1/4	1 1/2	1 1/4	1	5/8	1/2	3/8	1/4	1/4
Per Gross	\$7.00	5.80	4.50	3.80	3.30	2.80	2.50	2.00	1.70	1.50	1.50	1.50

Brass Wire.

Nos.	1211	1212	1213	1214
Per Gross	\$7.00	5.50	4.50	3.50

One Gross in a Box.

WOOD SCREWS

FLAT HEAD, BRIGHT IRON

List Adopted July 22, 1903.

The Number of Gross in a Bundle is Indicated by Small Figures on the Side, Divided by a Star (*).

$\frac{1}{4}$ Inch.	$\frac{3}{8}$ Inch.	$\frac{1}{2}$ Inch.	$\frac{5}{8}$ Inch.	$\frac{3}{4}$ Inch.	$\frac{7}{8}$ Inch.
Per Gross	Per Gross	Per Gross	Per Gross	Per Gross	Per Gross
No. 0—...\$0.72	No. 0—...\$0.72	No. 1—...\$0.72	No. 2—...\$0.72	No. 2—...\$0.72	No. 4—...\$0.82
No. 1—... .72	No. 1—... .72	No. 2—... .72	No. 3—... .72	No. 3—... .75	No. 5—... .85
No. 2—... .72	No. 2—... .72	No. 3—... .72	No. 4—... .75	No. 4—... .78	No. 6—... .90
No. 3—... .72	No. 3—... .72	No. 4—... .75	No. 5—... .78	No. 5—... .82	No. 7—... .94
No. 4—... .72	No. 4—... .72	No. 5—... .78	No. 6—... .82	No. 6—... .85	No. 8—... 1.00
	No. 5—... .75	No. 6—... .80	No. 7—... .86	No. 7—... .90	No. 9—... 1.05
	No. 6—... .78	No. 7—... .84	No. 8—... .92	No. 8—... .95	No. 10—... 1.15
	No. 7—... .82	No. 8—... .90	No. 9—... .98	No. 9—... 1.00	No. 11—... 1.25
	No. 8—... .88	No. 9—... .96	No. 10—... 1.07	No. 10—... 1.10	No. 12—... 1.35
	No. 9—... .94	No. 10—... 1.05	No. 11—... 1.12	No. 11—... 1.15	No. 13—... 1.45
		No. 11—... 1.10	No. 12—... 1.20	No. 12—... 1.25	No. 14—... 1.55
			No. 13—... 1.25	No. 13—... 1.35	
1 Inch.	1 $\frac{1}{4}$ Inch.	1 $\frac{1}{2}$ Inch.	1 $\frac{3}{4}$ Inch.	2 Inch.	2 $\frac{1}{2}$ Inch.
Per Gross	Per Gross	Per Gross	Per Gross	Per Gross	Per Gross
No. 3—...\$0.80	No. 5—...\$0.98	No. 6—...\$1.15	No. 7—...\$1.45	No. 6—...\$1.50	No. 7—...\$1.65
No. 4—... .84	No. 6—... 1.05	No. 7—... 1.20	No. 8—... 1.50	No. 7—... 1.55	No. 8—... 1.75
No. 5—... .87	No. 7—... 1.10	No. 8—... 1.30	No. 9—... 1.55	No. 8—... 1.60	No. 9—... 1.85
No. 6—... .92	No. 8—... 1.15	No. 9—... 1.35	No. 10—... 1.60	No. 9—... 1.65	No. 10—... 1.95
No. 7—... .98	No. 9—... 1.20	No. 10—... 1.40	No. 11—... 1.70	No. 10—... 1.75	No. 11—... 2.05
No. 8—... 1.05	No. 10—... 1.30	No. 11—... 1.50	No. 12—... 1.80	No. 11—... 1.85	No. 12—... 2.20
No. 9—... 1.10	No. 11—... 1.40	No. 12—... 1.65	No. 13—... 2.00	No. 12—... 2.00	No. 13—... 2.35
No. 10—... 1.20	No. 12—... 1.55	No. 13—... 1.80	No. 14—... 2.25	No. 13—... 2.20	No. 14—... 2.65
No. 11—... 1.30	No. 13—... 1.70	No. 14—... 2.00	No. 15—... 2.60	No. 14—... 2.45	No. 15—... 3.10
No. 12—... 1.40	No. 14—... 1.90	No. 15—... 2.35	No. 16—... 2.90	No. 15—... 2.75	No. 16—... 3.50
No. 13—... 1.60	No. 15—... 2.15	No. 16—... 2.80	No. 17—... 3.50	No. 16—... 3.10	No. 17—... 3.85
No. 14—... 1.70	No. 16—... 2.50	No. 17—... 3.20	No. 18—... 4.00	No. 17—... 3.70	No. 18—... 4.55
No. 15—... 2.00	No. 17—... 2.75	No. 18—... 3.80	No. 20—... 4.50	No. 18—... 4.20	No. 20—... 5.30
No. 16—... 2.50	No. 18—... 3.30	No. 20—... 4.30	No. 22—... 5.20	No. 20—... 4.80	
No. 17—... 2.70	No. 20—... 4.00			No. 22—... 5.50	
No. 18—... 2.80				No. 24—... 6.40	
2 $\frac{1}{2}$ Inch.	2 $\frac{3}{4}$ Inch.	3 Inch.	3 $\frac{1}{2}$ Inch.	4 Inch.	4 $\frac{1}{2}$ Inch.
Per Gross	Per Gross	Per Gross	Per Gross	Per Gross	Per Gross
No. 8—...\$2.20	No. 8—...\$2.70	No. 8—...\$3.05	No. 12—...\$4.30	No. 16—...\$6.50	No. 20—...\$9.85
No. 9—... 2.30	No. 9—... 2.80	No. 9—... 3.10	No. 13—... 4.40	No. 18—... 7.60	No. 22—... 11.20
No. 10—... 2.40	No. 10—... 2.90	No. 10—... 3.15	No. 14—... 4.50	No. 20—... 8.60	No. 24—... 13.50
No. 11—... 2.50	No. 11—... 3.00	No. 11—... 3.20	No. 15—... 4.75	No. 22—... 9.70	No. 26—... 16.00
No. 12—... 2.60	No. 12—... 3.10	No. 12—... 3.30	No. 16—... 4.95	No. 24—... 11.20	
No. 13—... 2.70	No. 13—... 3.20	No. 13—... 3.40	No. 17—... 5.40		
No. 14—... 2.90	No. 14—... 3.30	No. 14—... 3.50	No. 18—... 6.15		
No. 15—... 3.30	No. 15—... 3.60	No. 15—... 3.80	No. 20—... 7.30		
No. 16—... 3.65	No. 16—... 3.90	No. 16—... 4.20	No. 22—... 8.70		
No. 17—... 4.20	No. 17—... 4.50	No. 17—... 4.80	No. 24—... 10.20		
No. 18—... 4.70	No. 18—... 5.00	No. 18—... 5.50			
No. 20—... 5.80	No. 20—... 6.10	No. 20—... 6.50			
		No. 22—... 7.50			

Flat Head, Bright..... Discount.....

FLAT HEAD, JAPANNED IRON



$\frac{1}{4}$ Inch.	$\frac{3}{8}$ Inch.	$\frac{1}{2}$ Inch.	$\frac{5}{8}$ Inch.	1 Inch.	1 $\frac{1}{4}$ Inch.	1 $\frac{1}{2}$ Inch.	1 $\frac{3}{4}$ Inch.	2 Inch.
Gross	Gross	Gross	Gross	Gross	Gross	Gross	Gross	Gross
No. 2..\$0.72	No. 4..\$0.75	No. 5..\$0.82	No. 7..\$0.94	No. 7..\$0.98	No. 9..\$1.20	No. 10..\$1.40	No. 10..\$1.60	No. 10..\$1.75
No. 3.. .72	No. 5.. .78	No. 6.. .85	No. 8.. 1.00	No. 8.. 1.05	No. 10.. 1.30	No. 11.. 1.50	No. 11.. 1.70	No. 11.. 1.85
	No. 6.. .82	No. 7.. .90	No. 9.. 1.05	No. 9.. 1.10	No. 11.. 1.40	No. 12.. 1.65	No. 12.. 1.80	No. 12.. 2.00
	No. 7.. .86	No. 8.. .95	No. 10.. 1.15	No. 10.. 1.20	No. 12.. 1.55	No. 13.. 1.80	No. 13.. 2.00	
	No. 8.. .92	No. 9.. 1.00		No. 11.. 1.30	No. 13.. 1.70	No. 14.. 2.00	No. 14.. 2.25	
				No. 12.. 1.40	No. 14.. 1.90			

Flat Head, Japanned..... Discount.....

FLAT HEAD, ANTIQUE COPPER FINISH

$\frac{1}{4}$ Inch.	$\frac{3}{8}$ Inch.	$\frac{1}{2}$ Inch.						
Gross	Gross	Gross						
No. 4..\$0.75	No. 5..\$0.78	No. 6..\$0.82						
No. 5.. .78	No. 6.. .85							

List Adopted July 22, 1903.

Round Head, Blued..... Discount.....

Flat Head, Brass..... Discount.....

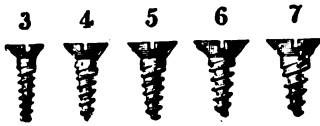
Flat or Round Head, Nickel Plated.....	Discount.....
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The Number of Gross in a Bundle is Indicated by Small Figures on the Side, Divided by a Star (*).

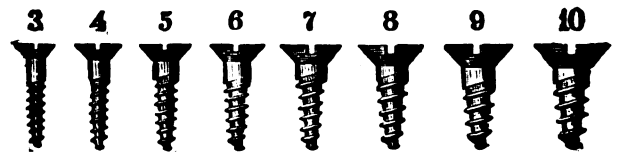
FLAT HEAD SCREWS

Cuts Full Size.

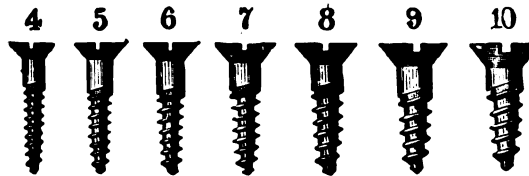
THREE EIGHTHS INCH.



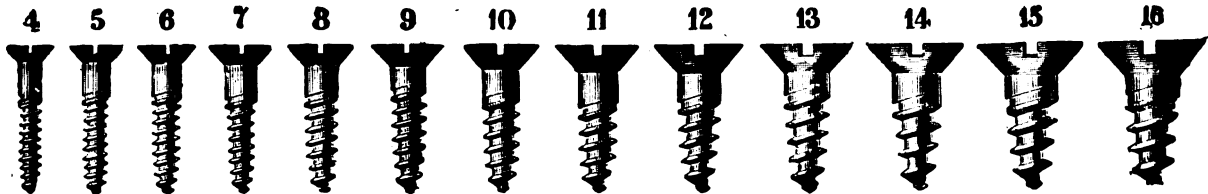
ONE HALF INCH.



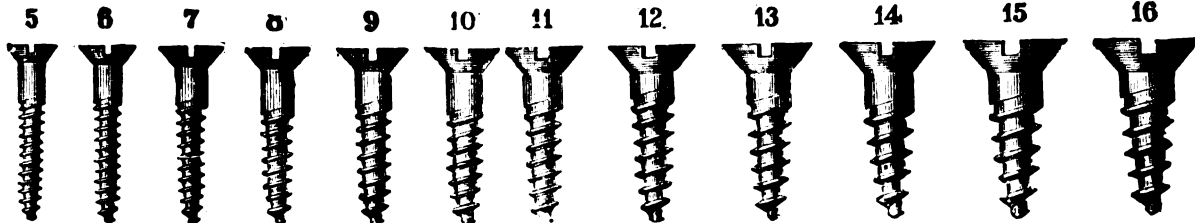
FIVE EIGHTHS INCH.



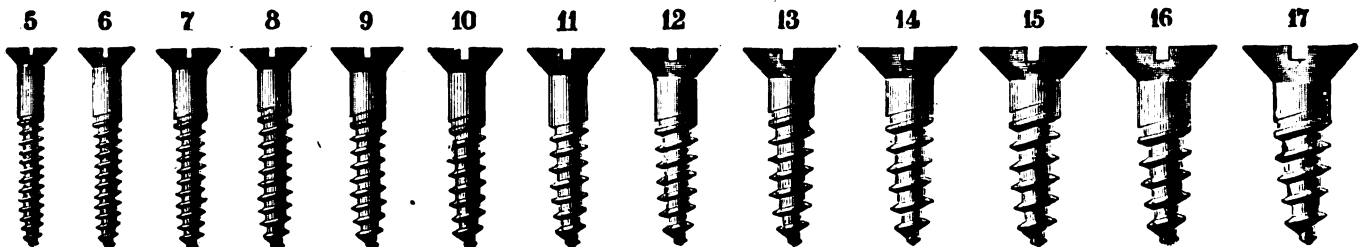
THREE FOURTHS INCH.



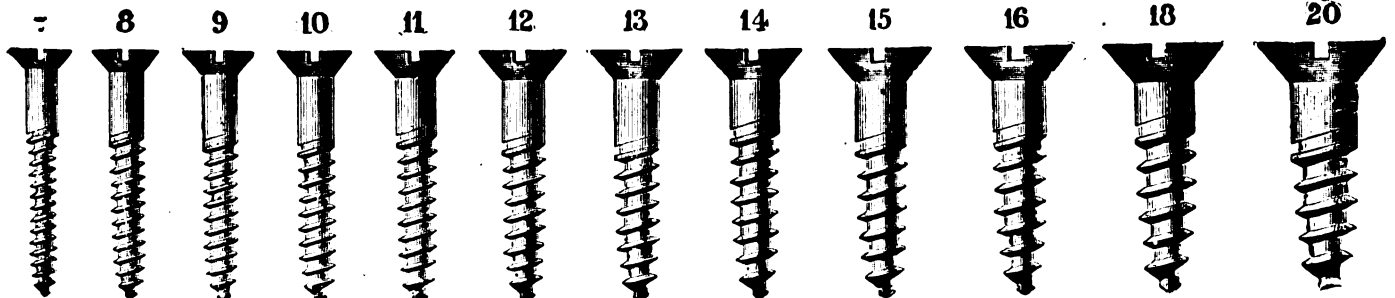
SEVEN EIGHTHS INCH.



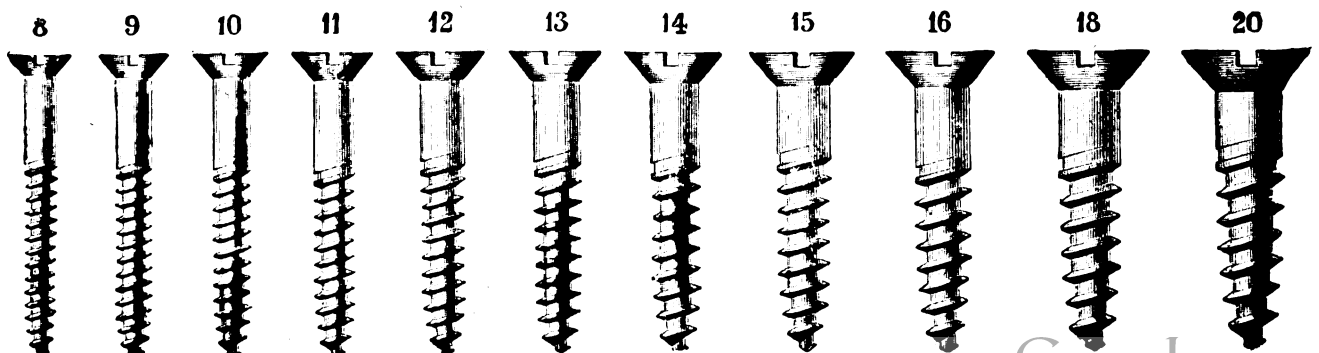
ONE INCH.



ONE & ONE FOURTH INCH.



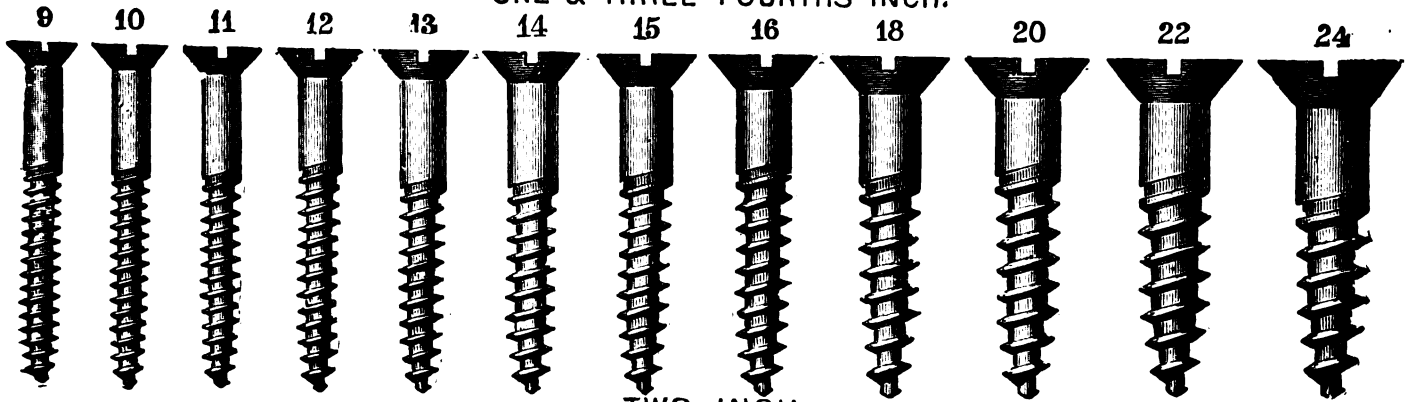
ONE & ONE HALF INCH.



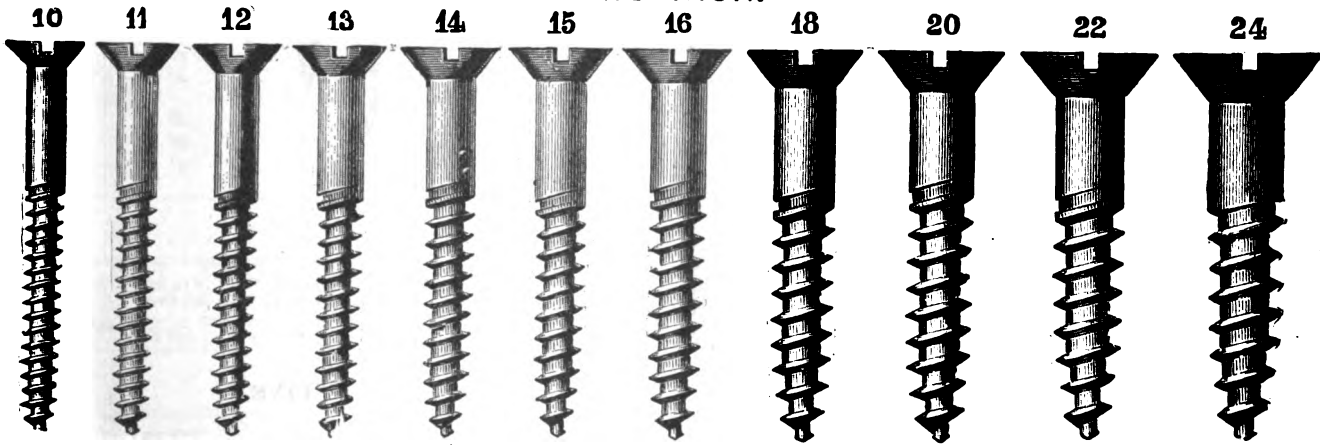
FLAT HEAD SCREWS

Cuts Full Size.

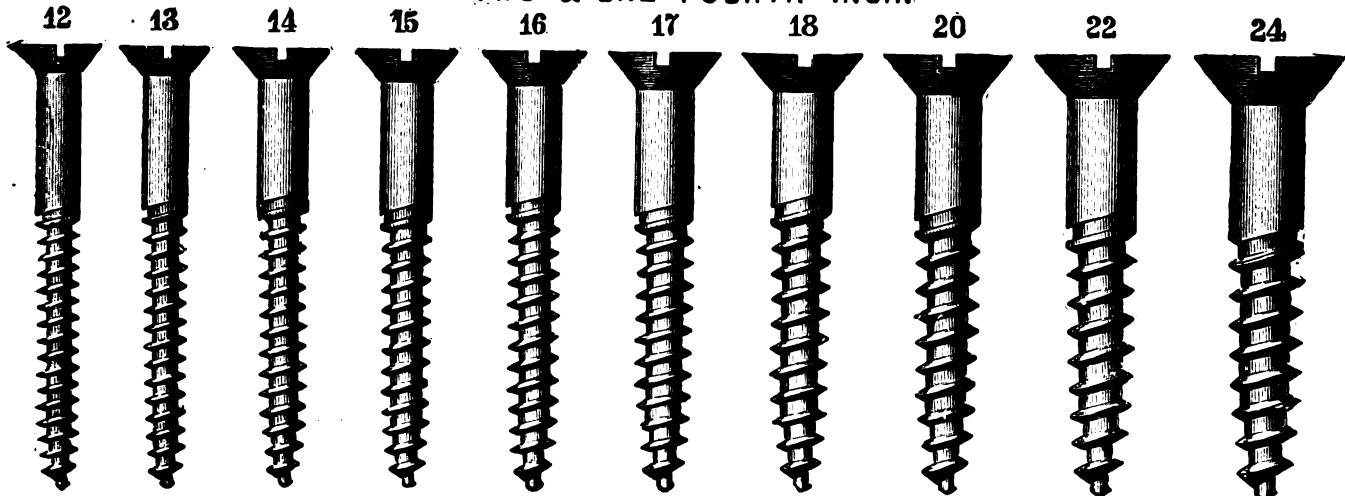
ONE & THREE FOURTHS INCH.



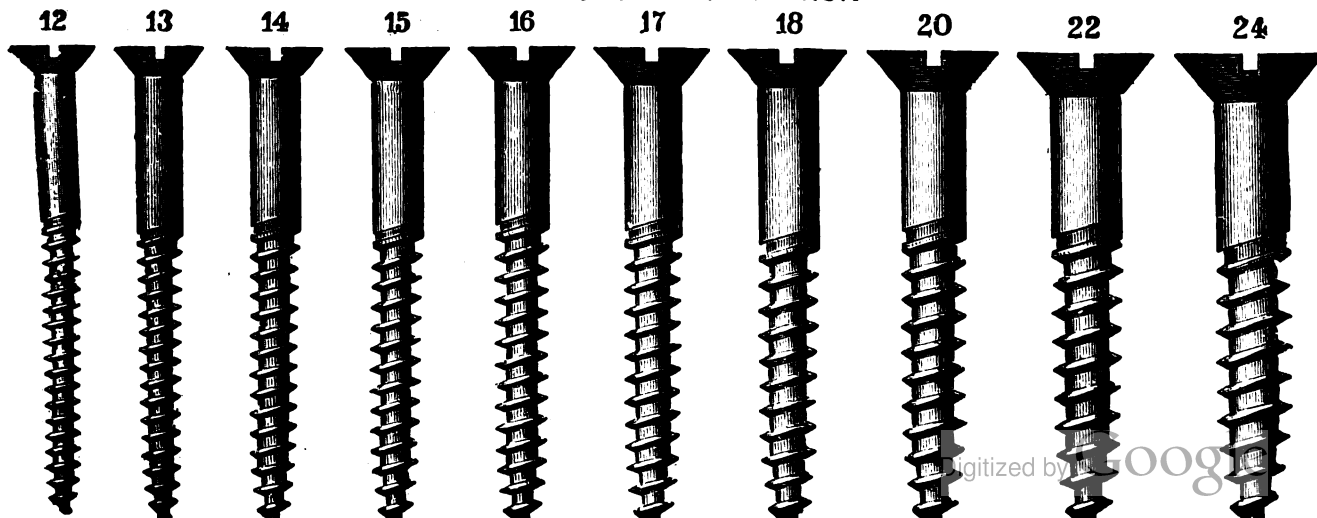
TWO INCH.



TWO & ONE FOURTH INCH.



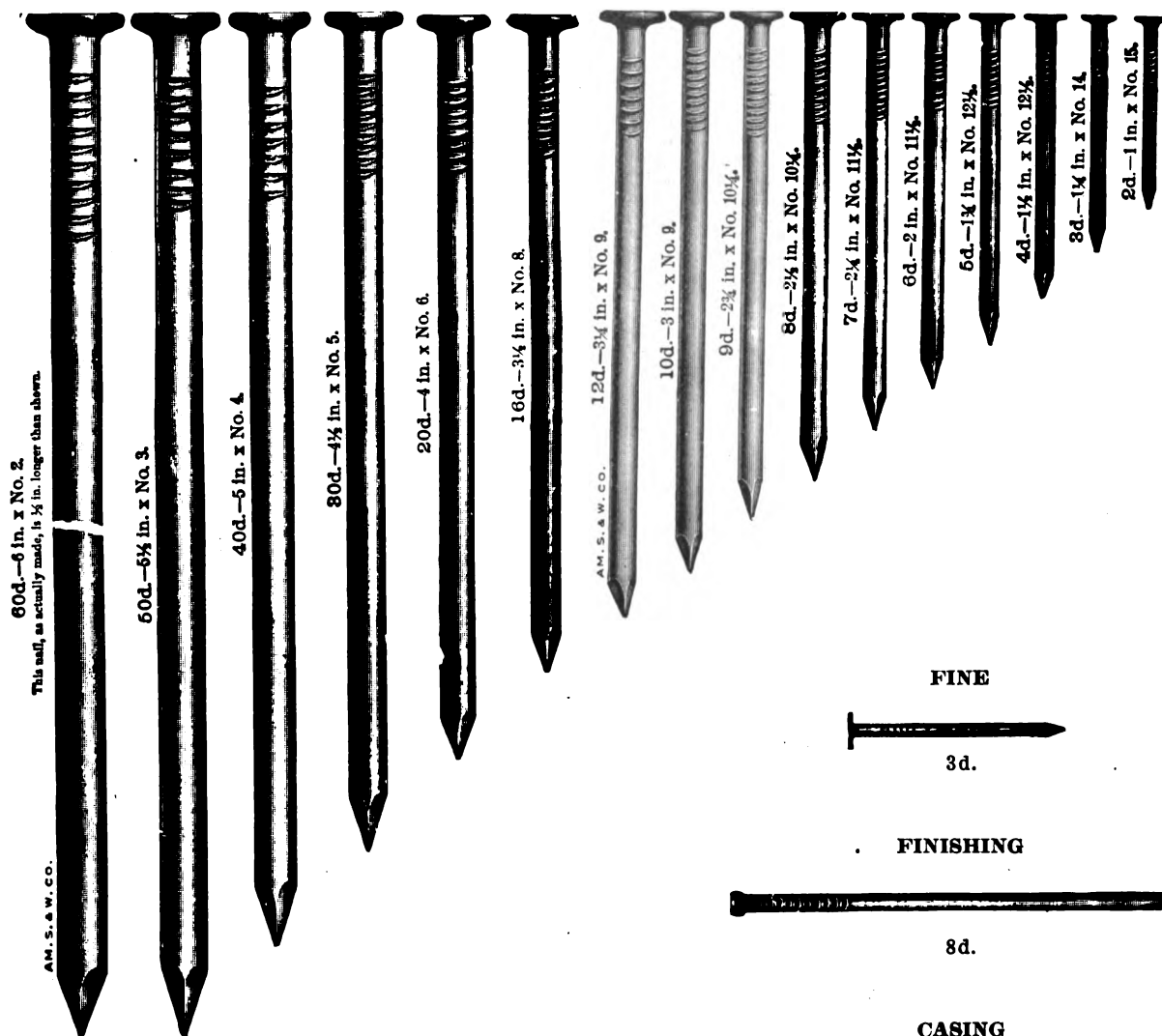
TWO & ONE HALF INCH



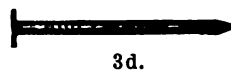
STANDARD STEEL WIRE NAILS

Cuts Full Size.

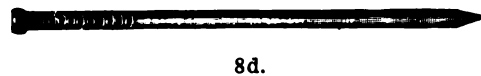
COMMON



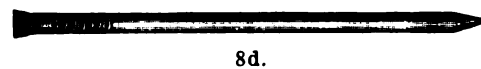
FINE



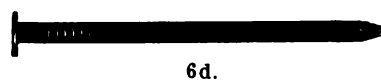
FINISHING



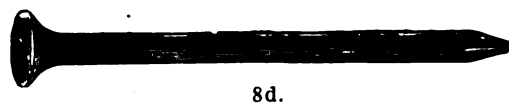
CASING



SMOOTH BOX



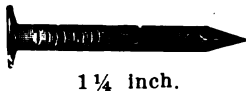
FENCE



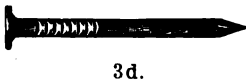
FLOORING



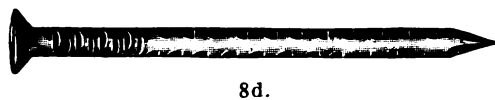
BARBED ROOFING



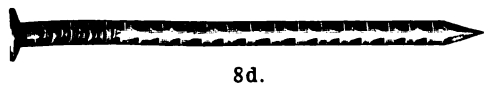
SHINGLE



BARBED CAR



BARBED COMMON



STANDARD STEEL WIRE NAILS



Base Price.....\$.....

COMMON

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
60d	6	2	11	Base
50d	5 1/2	3	14	Base
40d	5	4	18	Base
30d	4 1/2	5	24	Base
20d	4	6	31	Base
16d	3 1/2	8	49	\$0.05
12d	3 1/4	9	63	.05
10d	3	9	69	.05
9d	2 3/4	10 1/4	96	.10
8d	2 1/2	10 1/4	106	.10
7d	2 1/4	11 1/2	161	.20
6d	2	11 1/2	181	.20
5d	1 3/4	12 1/2	271	.30
4d	1 1/2	12 1/2	316	.30
3d	1 1/4	14	568	.45
2d	1	15	876	.70

FENCE

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
8d	2 1/2	9	82	\$0.10

FINE

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
3d	1 1/2	15	778	\$0.50
2d	1	16 1/2	1351	.210

EXTRA FINE

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
3d	1 1/2	16	1015	\$0.65

SHINGLE

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
4d	1 1/2	12	274	\$0.30
3 1/2 d	1 3/8	12 1/2	345	.40
3d	1 1/4	13	429	.45

SLATING

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
5d	1 3/4	10	142	\$0.40
4d	1 1/2	10 1/2	187	.40
3d	1 1/4	10 1/2	225	.60
2d	1	12	411	.80

STERILIZED BLUED LATH

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
3d	1 1/2	15	778	\$0.75
3d Light	1 1/2	16	1015	.90

Lathers carry the nails in the mouth while at work and it is therefore, from the standpoint of health sanitation, necessary to have the nails free from injurious substances.

6 1/4 Lbs. of 4d, or 3 1/2 Lbs. of 3d Common Will Lay 1,000 Shingles.
6 1/4 Lbs. of 3d Common, or 4 1/2 Lbs. of 3d Fine Will Put on 1,000 Laths, 4 Nails to Each Lath.

One Hundred Pounds in a Keg.

BARBED, COMMON

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
60d	6	2	11	\$0.15
50d	5 1/2	3	14	.15
40d	5	4	18	.15
30d	4 1/2	5	24	.15
20d	4	6	31	.15
18d	3 3/4	7	40	.15
16d	3 1/2	8	49	.20
12d	3 1/4	9	63	.20
10d	3	9	69	.20
8d	2 1/2	10 1/4	106	.25
6d	2	11 1/2	181	.35
4d	1 1/2	12 1/2	316	.45

SMOOTH BOX

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
10d	3	10 1/2	94	\$0.15
8d	2 1/2	11 1/2	145	.25
7d	2 1/4	12 1/2	210	.35
6d	2	12 1/2	236	.35
5d	1 3/4	14	406	.50
4d	1 1/2	14	473	.50
3d	1 1/4	14 1/2	635	.70

BARBED BOX

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
8d	2 1/2	11 1/2	145	\$0.40
7d	2 1/4	12 1/2	210	.50
6d	2	12 1/2	236	.50

FINISHING

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
16d	3 1/2	11	90	\$0.25
12d	3 1/4	11 1/2	113	.25
10d	3	11 1/2	121	.25
8d	2 1/2	12 1/2	189	.35
6d	2	13 1/2	309	.45
4d	1 1/2	15	584	.65
3d	1 1/4	15 1/2	807	.85

CASING

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
20d	4	9	52	\$0.15
10d	3	10 1/2	94	.15
8d	2 1/2	11 1/2	145	.25
6d	2	12 1/2	236	.35
4d	1 1/2	14	473	.50

FLOORING BRADS

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
3d	2 1/2	10	99	\$0.10

STANDARD WIRE NAILS

SIDING



Size	Length, Inches	Gauge Number	Average No. to Pound	Advance Over Base
8D	2½	11½	145	\$0.25
7D	2½	12½	210	.35
6D	2	12½	236	.35

One Hundred Pounds in a Keg.

CLINCH



Black Enameled, Oval Head, Duck Point.

Size	Length, Inches	Gauge Number	Average No. to Pound	Advance Over Base
8D	2½	10	99	\$0.45
7D	2½	11	139	.55
6D	2	11	157	.55

One Hundred Pounds in a Keg.

CEMENT COATED WIRE NAILS

COMMON



Size	Length, Inches	Gauge No.	No. of Nails in Keg	Net Wt. Per Keg, Lbs.	Advance Over Base
10D	2½	11	6,600	63	\$0.05
9D	2½	11½	8,990	68	.10
8D	2½	11½	10,100	71	.10
7D	2½	12½	15,300	72	.20
6D	1½	13	17,900	65	.20
5D	1½	13½	25,500	70	.30
4D	1½	14	29,800	61	.30
3D	1½	15½	54,300	64	.45
2D	1	16	85,700	79	.70

EGG CASE



Size	Length, Inches	Gauge No.	No. Nails in Keg	Net Wt. Per Keg, Lbs.	Advance Over Base
3D	1½	15	51,700	70	\$0.60

This is a special nail made at solicitation of egg shippers. They have a very large head and are adapted to egg cases and other similar uses.

Note—Cement Coated Nails are made with great care and are suitable for either machine or hand driving. Coated Nails are put up by count, not by weight. A keg contains the same amount of nails as a keg of uncoated, but being lighter they weigh less.

ROOFING NAILS

BARBED



Polished.

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance Over Base
1½	1½	10	176	\$0.45
1¼	1¼	11	251	.55
1	1	12	411	.60
¾	¾	12	469	.65
¾	¾	13	714	.75

Tinned.

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance Over Base
1½	1½	10	170	\$2.70
1¼	1¼	11	246	2.80
1	1	12	405	2.85
¾	¾	12	464	3.15
¾	¾	13	708	3.25

SIMPLEX



Barbed, 1 inch Pressed Steel Disc Head.

Length, Inches	1
Gauge	12
Per Pound	\$.....

The Simplex Nail is in one piece, having the stem riveted on both sides of the head. The head is much thicker than the tin cap, this prevents buckling of the head, leakage, and increases the life of the nail as the head will not rust through like a tin cap.

One Hundred Pounds in a Keg.

LARGE HEAD BARBED



½ inch Diameter Head, Polished.

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance Over Base
1½	1½	10	154	\$0.60
1¼	1¼	8	108	.30
1¼	1¼	10	183	.65
1¼	1¼	8	128	.35
1¼	1¼	10	201	.70
1	1	10	224	.75
1	1	8	158	.45
¾	¾	10	253	.85
¾	¾	10	290	.95

½ inch Diameter Head, Galvanized.

Size	Length, Inches	Gauge Number	Average Number to Pound	Advance Over Base
1½	1½	8	108	\$2.30
1	1	8	158	2.45
1¼	1¼	10	154	2.60
1¼	1¼	10	201	2.70
¾	¾	10	253	3.35
¾	¾	10	290	3.45

AMERICAN FELT



¾ inch Flat Head, Barbed.

Length, Inches	1
Gauge No.	12
Approximate Number to a Pound	180
Polished	Per Pound, \$.....
Galvanized	Per Pound,

GALVANIZED WIRE NAILS

COMMON, GALVANIZED



Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
10d	3	9	64	\$2.05
8d	2½	10¼	98	2.10
6d	2	11½	176	2.20
4d	1½	12½	302	2.30
3d	1¼	14	560	2.45

One Hundred Pounds in a Keg.

SHINGLE, GALVANIZED



Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
4d	1½	12	274	\$2.30
3½d	1¾	12½	345	2.40
3d	1¼	13	429	2.45

One Hundred Pounds in a Keg.

BOX, GALVANIZED



Size	Length, Inches	Gauge Number	Average Number to Pound	Advance over Base
8d	2½	11½	142	\$2.25
7d	2¼	12½	204	2.35
6d	2	12½	228	2.35

One Hundred Pounds in a Keg.

CUT NAILS

COMMON

Base Price, \$.

Size	Length, Inches	Average Number to Pound	Advance Over Base	Size	Length, Inches	Average Number to Pound	Advance Over Base
6d	3	64	\$2.05	8d	2½	98	2.10
4D	2½	176	2.20	10D	3	302	2.30
3D	2	560	2.45	16D	3½	429	2.45

5 Lbs. of 4D, or 3¾ Lbs. of 3D will lay 1,000 Shingles, 7 Lbs. of 3D will put on 1,000 Laths, 4 nails to each Lath.

One Hundred Pounds in a Keg.

CASING



Size	Length, Inches	Average Number to Pound	Advance Over Base
8D	2½	130	\$0.25
20D	4	45	.15

One Hundred Pounds in a Keg.

SHINGLE



Size	Length, Inches	Average Number to Pound	Advance Over Base
3D	1¼	560	\$0.45
3½D	1¾	429	.40

One Hundred Pounds in a Keg.

BOAT SPIKES



Wrought.

Length, Inches	Per Pound
¾ inch Square, Lengths 3, 3½, 4, 4½, 5, 6 inches	\$
¾ inch Square, Lengths 5, 6, 7, 8, 9, 10 inches
¾ inch Square, Lengths 5, 6, 7, 8, 9, 10, 12 inches

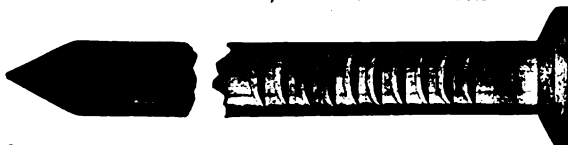
Two Hundred Pounds in a Keg.

APPROXIMATE NUMBER OF WROUGHT BOAT SPIKES IN 100 POUNDS

Length, Inches	¾ inch	¾ inch	¾ inch	¾ inch	¾ inch	¾ inch
3	1500	1260	1100	976	920	860
4	.. . .	.. . .	.. . .	.. . .	495	380
5	.. . .	.. . .	.. . .	.. . .	.. . .	204

STEEL WIRE SPIKES

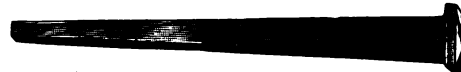
FLAT HEAD, DIAMOND POINT



Length, Inches	Thickness, Inches	Approx. Number to Pound	Advance Over Base
7	⅞	7	\$0.10
8	¾	4	.10
9	¾	3½	.10
10	¾	3	.25

One Hundred Pounds in a Keg.

CLINCH



Size	Length, Inches	Average Number to Pound	Advance Over Base
6D	2	101	\$0.65
7D	2½	84	.65
8D	2¾	67	.55
10D	3	51	.45

One Hundred Pounds in a Keg.

ZINC COATED SHINGLE

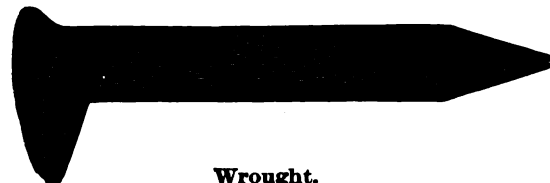


Size	Length, Inches	Average Number to Pound	Advance Over Base
3½D	1¾	429	\$
3D	1¼	560	.. . .

The use of Zinc Coated Cut Shingle Nails insures you the full life of shingles.

Fifty Pounds in a Keg.

RAILROAD SPIKES

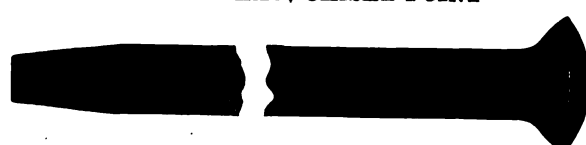


Wrought.

Inches	¾ x 3	¾ x 3½	¾ x 5½
Approx. No. in 100 Lbs.	620	593	187
Per Pound	.. . .	.. . .	.. . .

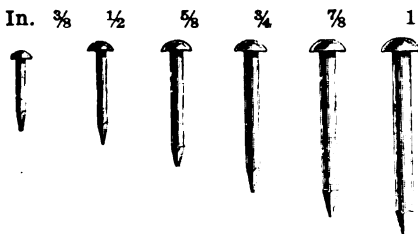
Two Hundred Pounds in a Keg.

OVAL HEAD, CHISEL POINT

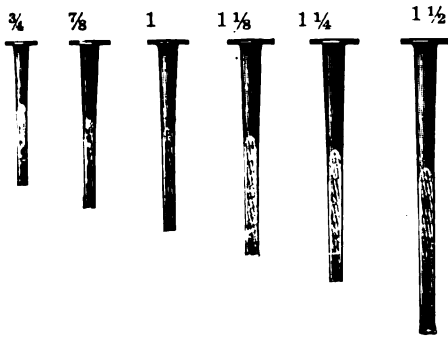


Length, Inches	Thickness, Inches	Approx. Number to Pound	Advance Over Base
7	⅞	7	\$0.10
8	¾	4	.10
9	¾	3½	.10
10	¾	3	.25

One Hundred Pounds in a Keg.



CLOUT NAILS



Blued, In Half Pound Papers.									
Length, In...	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	
Per Pound...	\$0.16	.15 1/2	.15	.14	.13 1/2	.13 1/2	.13 1/2	.13 1/2	
Tinned, In Half Pound Papers.									
Length, In...	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	
Per Pound...	\$0.19	.18 1/2	.18	.19	.16 1/2	.16 1/2	.16 1/2	.16 1/2	
Blued, In One Pound Papers.									
Length, In...	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	
Per Pound...	\$0.15	.14 1/2	.14	.13	.12 1/2	.12 1/2	.12 1/2	.12 1/2	
Blued, In 25 Pound Boxes.									
Length, In...	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2		
Per Pound...	\$0.13	.12	.11 1/2	.11 1/2	.11 1/2	.11 1/2	.11 1/2	.11 1/2	
Copper, In One Pound Papers.									
Length, In...	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2		
Per Pound...	\$...	...	...	...	...	...	...	...

OIL CLOTH NAILS



No. 17— $\frac{5}{8}$ inch, Oval Head, 17 Gauge Steel Wire, in $\frac{1}{4}$ Pound Papers.....\$0.80
Used in Nailing Down Oil Cloth Binding.

FURNITURE NAILS

CONICAL, BRASS HEAD



No. 4.

No. 4
Per Thousand \$3.75

One Thousand in a Box.

OVAL, BRASS HEAD



No. 41. No. 42. No. 43.

Nos. 41 42 43
Per Thousand \$3.00 2.00 1.75

One Thousand in a Box.

OVAL, BRASS HEAD, IN CARTONS

Nos. 42 43
Per Thousand, 50 in a Box..... \$2.75 2.50
Per Thousand, 100 in a Box..... 2.50 2.00

One Dozen in a Carton.

LEATHER LIKE NAILS



Imitation Leather.

Per Thousand
No. 3002-C —Black \$1.80
No. 3002-13—Mottled Brown 1.80

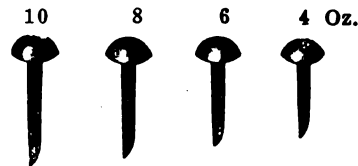
One Thousand in a Box.

No. 3002-C50 —Black 2.25
No. 3002-1350—Mottled Brown 2.25

Fifty in a Box, One Thousand in a Carton.



LINING NAILS



Oval Head, Japanned.

Ounces 4 6 8 10
Length, Inches $\frac{1}{8}$ $\frac{1}{2}$ $\frac{3}{8}$ $\frac{3}{4}$
Per Dozen Papers..... \$1.30 1.30 1.30 1.30

75 in a Paper; 20 Papers in a Package.

THUMB TACKS

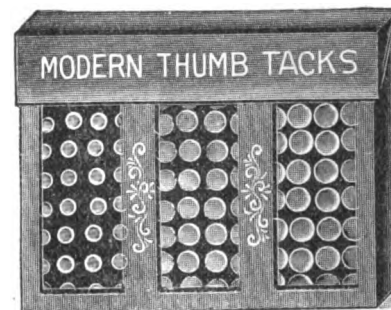


Brass.

Diameter of Head, Inches.... $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$
Per Gross \$1.75 2.00 2.25

One Dozen on a Wood Block, One Gross in a Box.

THUMB TACK ASSORTMENTS



Per Assortment
No. 80 Assortment—Consists of 18 Dozen Assorted
Thumb Tacks as Listed Below.....\$3.00

CONTENTS OR ASSORTMENT

2 Dozen $\frac{3}{8}$ inch Brass Thumb Tacks.
2 Dozen $\frac{1}{2}$ inch Brass Thumb Tacks.
2 Dozen $\frac{5}{8}$ inch Brass Thumb Tacks.
2 Dozen $\frac{3}{8}$ inch Steel Thumb Tacks.
2 Dozen $\frac{1}{2}$ inch Steel Thumb Tacks.
2 Dozen $\frac{5}{8}$ inch Steel Thumb Tacks.
2 Dozen $\frac{3}{8}$ inch Colored Thumb Tacks, Red.
2 Dozen $\frac{1}{2}$ inch Colored Thumb Tacks, White.
2 Dozen $\frac{5}{8}$ inch Colored Thumb Tacks, Blue.

One Assortment in Display Box.

HUNGARIAN NAILS

In. 3-8 3 1/2-8 4-8 4 1/2-8 5-8

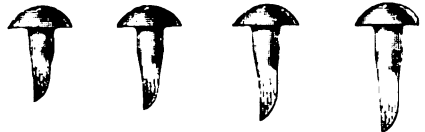


Round Head, In Quarter Pound Papers.

Length, Inches.....	3-8	3 1/2-8	4-8	4 1/2-8	5-8
Per Dozen Papers....	\$1.00	1.00	1.00	1.00	1.00

One Dozen Papers in a Package.

In. 3 1/2-8 4-8 4 1/2-8 5-8



Stout, in Quarter Pound Papers.

Length, Inches.....	3 1/2-8	4-8	4 1/2-8	5-8
Per Dozen Papers.....	\$1.00	1.00	1.00	1.00

One Dozen Papers in a Package.

Stout, In Half Pound Papers.

Length, Inches.....	3 1/2-8	4-8	4 1/2-8	5-8
Per Pound	\$0.20	.20	.20	.20

In. 3 1/2-8 4-8 4 1/2-8 5-8 6-8



Cone Head, In Quarter Pound Papers.

Length, Inches.....	3 1/2-8	4-8	4 1/2-8	5-8	6-8
Per Dozen Papers....	\$1.00	1.00	1.00	1.00	1.00

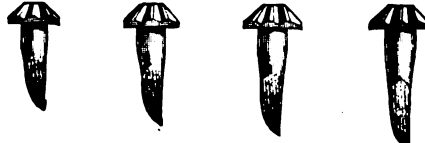
One Dozen Papers in a Package.

Cone Head, in Half Pound Papers.

Length, Inches.....	3 1/2-8	4-8	4 1/2-8	5-8	6-8
Per Pound	\$0.20	.20	.20	.20	.20

HOB NAILS

In. 3 1/2-8 4-8 4 1/2-8 5-8



Grooved Head, in Quarter Pound Papers.

Length, Inches	3 1/2-8	4-8	4 1/2-8	5-8
Per Dozen Papers.....	\$1.00	1.00	1.00	1.00

One Dozen Papers in a Package.

Grooved Head, in Half Pound Papers.

Length, Inches	3 1/2-8	4-8	4 1/2-8	5-8
Per Pound	\$0.20	.20	.20	.20

SHOE NAILS

In. 4 1/2-8 5-8 6-8 7-8



Common Iron, 15 Gauge, in One Pound Papers.

Length, Inches.....	4 1/2-8	5-8	5 1/2-8	6-8	7-8
Per Pound	\$0.20	.20	.20	.20	.20

CORRUGATED COBBLER NAILS

3-8 3 1/2-8 4-8 4 1/2-8 5-8 5 1/2-8 6-8 6 1/2-8 in.



Brass, Tack Point, In 2 Oz. Papers.

Length, Inches	3-8	3 1/2-8	4-8	4 1/2-8
Per Dozen Papers.....	\$1.75	1.75	1.75	1.75

Length, Inches	5-8	5 1/2-8	6-8
Per Dozen Papers.....	\$1.75	1.75	1.75

Brass, Tack Point, In Quarter Pound Papers.

Length, Inches	3-8	3 1/2-8	4-8	4 1/2-8
Per Dozen Papers.....	\$2.00	2.00	2.00	2.00

Length, Inches	5-8	5 1/2-8	6-8
Per Dozen Papers.....	\$2.00	2.00	2.00

Brass Plated, Tack Point, In 2 Oz. Papers.

Length, Inches	3-8	3 1/2-8	4-8	4 1/2-8
Per Dozen Papers.....	\$0.45	.45	.45	.45

Length, Inches	5-8	5 1/2-8	6-8
Per Dozen Papers.....	\$0.45	.45	.45

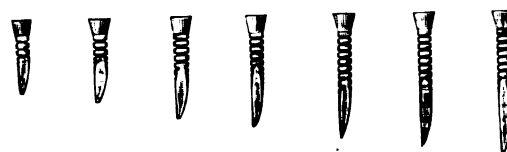
Brass Plated, Tack Point, In Quarter Pound Papers.

Length, Inches	3-8	3 1/2-8	4-8	4 1/2-8
Per Dozen Papers.....	\$0.90	.90	.90	.90

Length, Inches	5-8	5 1/2-8	6-8
Per Dozen Papers.....	\$0.90	.90	.90

All Above, One Dozen Papers in a Package.

3-8 3 1/2-8 4-8 4 1/2-8 5-8 5 1/2-8 6-8

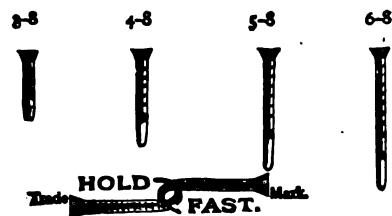


Swedes Iron, Tack Point, In Quarter Pound Papers.

Length, Inches	3-8	3 1/2-8	4-8	4 1/2-8
Per Dozen Papers.....	\$0.70	.70	.70	.70

Length, Inches	5-8	5 1/2-8	6-8
Per Dozen Papers.....	\$0.70	.70	.70

One Dozen Papers in a Package.



"HOLD FAST", Iron Wire, in Quarter Pound Papers.

Length, Inches	3-8	4-8	5-8	6-8
Per Dozen Papers.....	\$1.00	1.00	1.00	1.00

One Dozen Papers in a Package.

SHOE TACKS

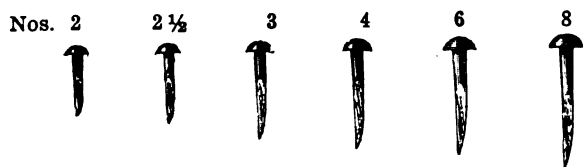
In. 1 1 1/2 2 2 1/2 3



Iron, Needle Point, In Half Pound Papers.

Ounces	1	1 1/2	2	2 1/2	3
Per Pound	\$0.40	.35	.35	.30	.30

GIMP TACKS



Blued, In $\frac{1}{8}$ Pound Papers.					
Nos.	2	2½	3	4	6
Length, Inches	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{7}{8}$	$1\frac{1}{2}$
Per Dozen Papers	\$0.48	.43	.38	.33	

One Dozen Papers in a Package.

Blued, in $\frac{1}{4}$ Pound Papers.					
Nos.	6	8	10	12	14
Length, Inches	$\frac{1}{8}$	$\frac{5}{8}$	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per Dozen Papers	\$0.57	.54	.53		

One Dozen Papers in a Package.

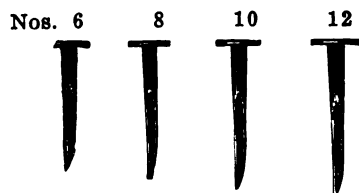
Tinned, In $\frac{1}{8}$ Pound Papers.					
Nos.	2	2½	3	4	6
Length, Inches	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{7}{8}$	$1\frac{1}{2}$
Per Dozen Papers	\$0.59	.50	.44	.38	

One Dozen Papers in a Package.

Tinned, in $\frac{1}{4}$ Pound Papers.					
Nos.	6	8	10	12	14
Length, Inches	$\frac{1}{8}$	$\frac{5}{8}$	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per Dozen Papers	\$0.66	.63	.62		

One Dozen Papers in a Package.

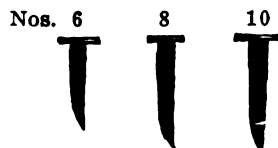
CHEESE BOX TACKS



Swedes Iron, Flat Head, Blued, in 25 Pound Boxes.				
Nos.	6	8	10	12
Length, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{8}$
Per Pound	\$0.14	.13	.12½	.12

If Wanted in 1, 5 and 10 Pound Boxes, Add 1 Cent Per Pound to Above List.

COPPER TACKS



In One Pound Boxes.				
Nos.	8	4	6	8
Length, Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$
Per Pound	\$1.25	1.25	1.15	1.15
Nos.	10	14	18	22
Length, Inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per Pound	\$1.15	1.15	1.15	1.15

BERRY BOX OR BASKET TACKS

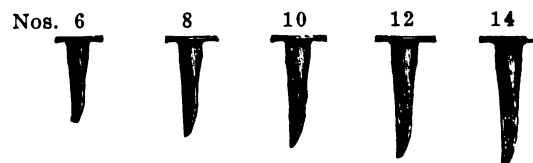


Swedes Soft Steel, Blued.

No.	1½	
Length, Inches	$\frac{3}{4}$	
In 1 Pound Papers	Per Pound,	\$0.39
In 5 Pound Papers	Per Pound,	.39
In 25 Pound Boxes	Per Pound,	.38

CARPET TACKS

LARGE HEAD



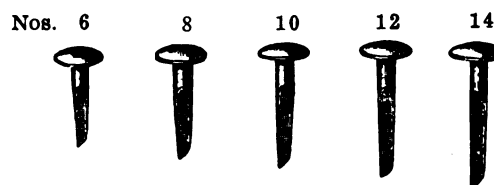
Blued, In $\frac{1}{4}$ Pound Papers.					
Nos.	6	8	10	12	14
Length, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{3}{4}$
Per Dozen Papers	\$0.53	.50	.48	.47	.47

Tinned, In $\frac{1}{4}$ Pound Papers.						
Nos.	3	4	6	8	10	12
Length, Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{8}$
Per Dozen Papers	\$0.71	.66	.62	.59	.57	.56

Coppered, In $\frac{1}{4}$ Pound Papers.				
Nos.	6	8	10	12
Length, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{8}$
Per Dozen Papers	\$0.62	.59	.57	.56

All Above, One Dozen Papers in a Package.

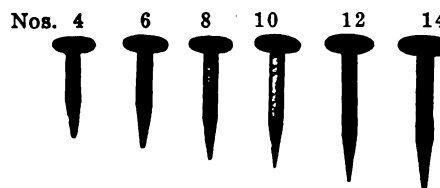
AMERICAN, OVAL HEAD.



Tinned, In $\frac{1}{4}$ Pound Papers.					
Nos.	6	8	10	12	14
Length, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{3}{4}$
Per Dozen Papers	\$0.62	.59	.57	.56	.56

One Dozen Papers in a Package.

STEEL WIRE, FLAT HEAD



Blued, In $\frac{1}{4}$ Pound Papers.					
Nos.	4	6	8	10	12
Length, Inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{8}$
Per Dozen Papers	\$0.56	.53	.50	.48	.47

One Dozen Papers in a Package.

Tinned, In $\frac{1}{4}$ Pound Papers.					
Nos.	4	6	8	10	12
Length, Inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{8}$
Per Dozen Papers	\$0.66	.62	.59	.57	.56

One Dozen Papers in a Package.

Blued, In 25 Pound Boxes.			
Nos.	6	8	10
Length, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$
Per Pound	\$0.13½	.12½	.12

Tinned, In 25 Pound Boxes.			
Nos.	6	8	10
Length, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$
Per Pound	\$0.16½	.15½	.15

CARPET TACKS

PLYMOUTH ROCK



Per Case

No. 22—Plymouth Rock, Coppered Steel, Flat Head, Half Gross, Assorted, 3 Dozen 8 Ounce and 3 Dozen 10 Ounce Quarter Pound Papers.....\$6.00
One-half Gross in a Case.

LE ROY



Per Case

No. 18—Le Roy, Polished Steel, Flat Head, 500 Count, Half Gross, All 8 Ounce, Put Up in Neat Imitation Cedar Boxes...\$8.00
One-half Gross in a Case.

HONEST COUNT



Per Case

No. 19—Honest Count, Polished Steel, Flat Head, 500 Count, Half Gross, Assorted, 1/4 Dozen 6 Ounce, 4 1/2 Dozen 8 Ounce and 3/4 Dozen 10 Ounce Papers.....\$8.00
One-half Gross in a Case.

OUR STANDARD



Per Case

No. 10—Our Standard, Polished Steel, Flat Head, 100 Papers, Assorted, 20 6 Ounce, 50 8 Ounce and 30 10 Ounce Papers.....\$7.50
One Hundred Papers in a Case.

HONEST WEIGHT



Per Case

No. 12—Wm. Frankfurth Hardware Co.'s Honest Weight, Coppered Steel, Flat Head, 1 Gross Assorted, 8 Dozen 8 Ounce and 4 Dozen 10 Ounce Quarter Pound Papers.....\$12.00
No. 15—Wm. Frankfurth Hardware Co.'s Honest Weight, Tinned Steel, Flat Head, 1 Gross Assorted, 8 Dozen 8 Ounce and 4 Dozen 10 Ounce Quarter Pound Papers.....12.00

RAILROAD CARD OR BILL POSTERS' TACKS

Nos



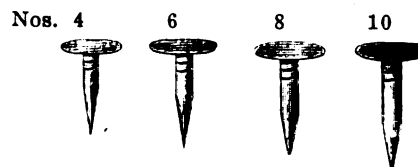
Blued, In 1 and 5 Pound Boxes.

Nos.	4	6	8	10
Length, Inches	1 1/8	1 1/2	1 3/8	1 5/8
Per Pound	\$0.15	.14	.13	.12 1/2

Blued, In 25 Pound Boxes.

Nos.	4	6	8	10
Length, Inches	1 1/8	1 1/2	1 3/8	1 5/8
Per Pound	\$0.14	.13	.12	.11 1/2

WIRE BILL POSTERS' TACKS



Blued, In 1 Pound Boxes.

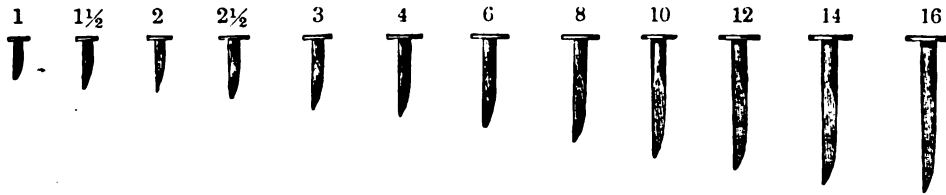
Nos.	4	6	8	10
Length, Inches	1 1/8	1 1/2	1 3/8	1 5/8
Per Pound	\$0.15	.14	.13	.12 1/2

Blued, In 25 Pound Boxes.

Nos.	4	6	8	10
Length, Inches	1 1/8	1 1/2	1 3/8	1 5/8
Per Pound	\$0.14	.13	.12	.11 1/2

CUT TACKS

SWEDES



Blued, In 1/4 Pound Papers.

Nos.	1	1 1/2	2	2 1/2	3	4
Length, Inches....	1/8	3/8	1/4	5/8	3/8	7/8
Per Dozen Papers...	\$0.80	.65	.50	.44	.40	.35

One Dozen Papers in a Package.

Blued, In 1/4 Pound Papers.

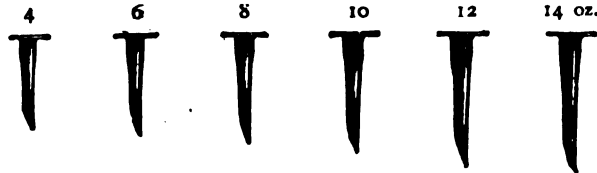
Nos.	6	8	10	12	14	16	18	20
Length, Inches....	1/2	5/8	3/4	7/8	1	1 1/8	7/8	1 1/8
Per Dozen Papers...	\$0.60	.57	.56	.54	.54	.54	.54	.54

One Dozen Papers in a Package.

Blued, In 25 Pound Boxes.

Nos.	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20
Length, Inches....	3/8	3/4	1/4	5/8	3/8	7/8	1/2	5/8	3/4	7/8	1	1 1/8	7/8	1 1/8
Per Dozen Papers...	\$0.47	.37	.27	.23 1/2	.20 1/2	.17	.16	.15	.14 1/2	.14	.14	.14	.14	.14

AMERICAN



Blued, In 1 1/2 Pound Papers.

Nos.	1	1 1/2	2	2 1/2	3	4
Length, Inches....	1/8	3/8	1/4	5/8	3/8	7/8
Per Dozen Papers...	\$0.71	.56	.44	.39	.35	.32

One Dozen Papers in a Package.

Blued, In 1/4 Pound Papers.

Nos.	6	8	10	12	14
Length, Inches....	1/2	5/8	3/4	7/8	1
Per Dozen Papers...	\$0.26	.53	.51	.50	.50
Nos.	16	18	20	22	24
Length, Inches....	1 1/8	7/8	1	1 1/8	1 1/8
Per Dozen Papers...	\$0.50	.50	.50	.50	.50

One Dozen Papers in a Package.

Blued, In 1 Pound Boxes.

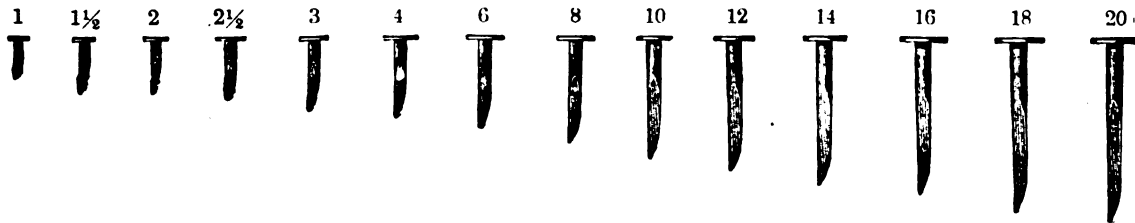
Nos.	1	1 1/2	2	2 1/2	3	4	6	8	10
Length, Inches....	1/8	3/8	1/4	5/8	3/8	7/8	1/2	5/8	3/4
Per Pound	\$0.42 1/2	.32 1/2	.24	.21	.18	.16 1/2	.15 1/2	.14 1/2	.14

Blued, In 25 Pound Boxes.

Nos.	1	1 1/2	2	2 1/2	3	4	6	8	10	12
Length, Inches....	1/8	3/8	1/4	5/8	3/8	7/8	1/2	5/8	3/4	1
Per Pound	\$0.41 1/2	.31 1/2	.23	.20	.17	.15 1/2	.14 1/2	.13 1/2	.13	.12 1/2

UPHOLSTERERS' TACKS

SWEDES



Blued, In 1/4 Pound Papers.

Nos.	1	1 1/2	2	2 1/2	3	4
Length, Inches....	1/8	3/8	1/4	5/8	3/8	7/8
Per Dozen.....	\$0.71	.55	.43	.38	.34	.32

One Dozen Papers in a Package.

Blued, In 1/4 Pound Papers.

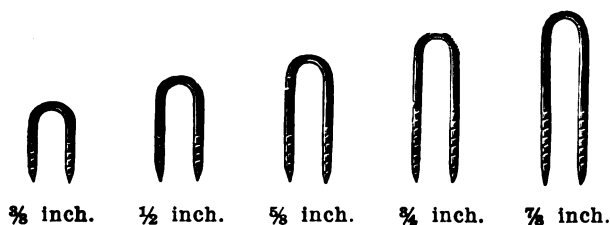
Nos.	6	8	10	12	14	16	18	20
Length, Inches....	1/2	5/8	3/4	7/8	1	1 1/8	7/8	1 1/8
Per Dozen Papers...	\$0.54	.51	.50	.48	.48	.48	.48	.48

One Dozen Papers in a Package.

Blued, In 25 Pound Boxes.

Nos.	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20
Length, Inches....	1/8	3/8	1/4	5/8	3/8	7/8	1/2	5/8	3/4	7/8	1	1 1/8	7/8	1 1/8
Per Pound	\$0.41	.31	.22 1/2	.19 1/2	.16 1/2	.15	.14	.13	.12 1/2	.12	.12	.12	.12	.12

BLIND STAPLES



Needle Points, Coppered.

Inches	3/8	1/2	5/8	3/4	7/8
Per Pound	\$0.56	.54	.54	.54	.54

Ten Pounds in a Box.

ELECTRICIANS' STAPLES



Coppered, In 1 Pound Papers.

Inches	3/8	1/2	5/8	3/4
Per Pound	\$0.35	.35	.35	.35

One Pound Papers.

WIRE CLOTH STAPLES

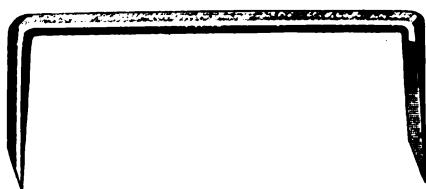


Blued.

Inches	3/8	1/2	5/8	3/4
In 2 Ounce Papers	Per Dozen Papers	\$1.00		
In 5 Lb. Boxes	Per Pound	.50		
One Dozen Papers in a Package.				

BUTTER TUB STAPLES

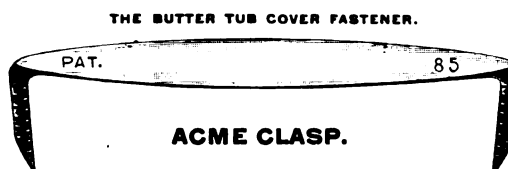
FLAT STEEL



No. 1—2x3/8 inch, Flat Steel Wire, Coppered.....\$0.15

Twenty-five Pounds in a Box.

ACME



ACME CLASP.

Full Size Cut of No. 9.

No. 9—2 1/2 inch Acme, Flexible, Coppered.....\$0.35

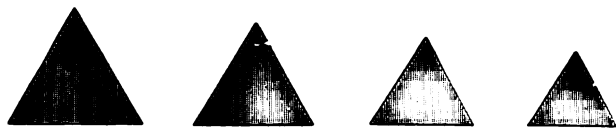
150 Staples to the Pound.

Twenty-five Pounds in a Box.



GLAZIERS' POINTS

No. 0 1 2 3



Zinc Plated.

In Quarter Pound Papers.

Nos.	0	1	2	3
Per Dozen Papers	\$1.00	1.00	1.00	1.00

One Dozen Papers in a Package.

In Half Pound Papers.

Nos.	0	1	2	3
Per Dozen Papers	\$1.75	1.75	1.75	1.75

SASH OR DOWEL PINS



Full Size Cut of 1 inch.

Inches	3/8	1	1 1/8	1 1/2
Per Pound	\$			

Note—Other Sizes Furnished to Order.

Twenty-five Pounds in a Box.

CORRUGATED FASTENERS



Saw Edge Parallel.

Note—Nos. Indicate Number of Corrugations.

Depth, Inches	1/4	3/8	1/2	3/4	1
No. 4.....Per 1000,	\$		1.05	1.30	
No. 5.....Per 1000,	.90	1.20	1.30	1.70	1.85

1000 in a Box.

We Do Not Break Boxes.

DOUBLE POINTED TACKS



No. 9 10 11 12 14

Blued, In 2 Oz. Papers.

Nos.	8	9	10	11	12	14
Per Dozen Papers	\$0.39	.35	.33	.33	.32	.30

One Dozen Papers in a Package.

Tinned, In 2 .Oz. Papers.

Nos.	9	10	11	12	14
Per Dozen Papers	\$0.39	.38	.37	.36	.35

One Dozen Papers in a Package.

Blued, In 25 Pound Boxes.

Nos.	8	9	10	11	12	14
Per Pound	\$0.20	.17	.16	.15 1/2	.15	.14

Tinned, In 25 Pound Boxes.

Nos.	9	10	11	12	14
Per Pound	\$0.20	.19	.18 1/2	.18	.17

DEPARTMENT NO. 3

FARM IMPLEMENTS, TOOLS, ETC.

STEEL GOODS, SHOVELS AND SPADES, WHEEL-BARROWS, ROAD SCRAPERS, LUMBERING TOOLS, POST HOLE DIGGERS, WIRE FENCE, FENCE WIRE, WIRE STRETCHERS, GRAIN BASKETS AND MEASURES, PLANTERS, CORN HUSKERS, LAWN MOWERS, GARDEN HOSE, SPRAYERS, CALDRONS, FEED COOKERS, TANK HEATERS AND STOCK WATERERS, CALF WEANERS, CATTLE TIES, ETC., ETC., CHAINS, SADDLERY HARDWARE, HARNESS, WHIPS, CURRY COMBS AND HORSE BRUSHES, CLEAVES AND MALLEABLES, WAGON HARDWARE, BOLTS, NUTS, RIVETS, ETC., ETC.

Wm. Frankfurth Hardware Co.

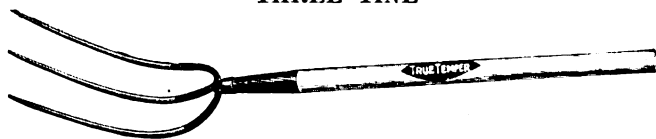
MILWAUKEE

HAY FORKS

GENEVA

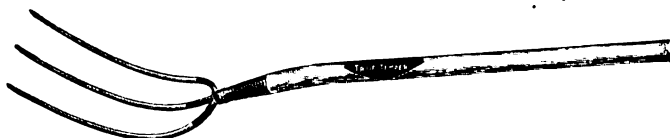
Solid Steel Shank, Bright Oval Tines, Extra Gold Bronzed Head, Ferrule and Cap, Extra Selected Handles.

THREE TINE



Plain Ferrule, Straight Handle, 12 inch Tines.

Nos.	34
Length of Handle, Feet.....	4
Per Dozen	\$11.95



Plain Ferrule, Bent Handle, 12 inch Tines.

Nos.	33 1/2 B	34B	34 1/2 B	35B
Length of Handle, Feet.....	3 1/2	4	4 1/2	5
Per Dozen	\$12.55	12.55	12.55	12.95



Strapped Ferrule, Straight Handle, 12 inch Tines.

No.	034
Length of Handle, Feet.....	4
Per Dozen	\$13.75



Strapped Ferrule, Bent Handle, 12 inch Tines.

Nos.	033 1/2 B	034B	034 1/2 B
Length of Handle, Feet.....	3 1/2	4	4 1/2
Per Dozen	\$14.35	14.35	14.35
Nos.	035B	035 1/2 B	036B
Length of Handle, Feet.....	5	5 1/2	6
Per Dozen	\$14.75	15.25	15.75

FOUR TINE



Strapped Ferrule, Bent Handle, 12 inch Tines.

Nos.	044B	044 1/2 B
Length of Handle, Feet.....	4	4 1/2
Per Dozen	\$17.15	17.15

Average Weight Per Dozen 35 Pounds.

All Above, Each Fork in an Envelope, One Dozen in a Bundle.

OXFORD

Solid Steel Shank, Bright Oval Tines, Gold Bronzed Ferrule and Cap, Selected Handles.

THREE TINE



Plain Ferrule, Bent Handle, 12 inch Tines.

Nos.	34BX	34 1/2 BX	35BX
Length of Handle, Feet.....	4	4 1/2	5
Per Dozen	\$11.55	11.55	11.95



Strapped Ferrule, Bent Handle, 12 inch Tines.

Nos.	034BX	034 1/2 BX	035BX
Length of Handle, Feet.....	4	4 1/2	5
Per Dozen	\$13.35	13.35	13.75
Nos.		035 1/2 BX	036BX
Length of Handle, Feet.....		5 1/2	6
Per Dozen		\$14.25	14.75

Average Weight Per Dozen 35 Pounds.

All Above, One Dozen in a Bundle, Tines Burlapped.

BOYS' HAY FORKS

GENEVA

Solid Steel Shank, Bright Oval Tines, Extra Gold Bronzed Head, Ferrule and Cap, Extra Selected Handles.

THREE TINE



Plain Ferrule, Bent Handle, 10 1/2 inch Tines.

No.	34YB
Length of Handle, Feet.....	4
Per Dozen	\$10.50



Strapped Ferrule, Bent Handle, 10 1/2 inch Tines.

No.	034YB
Length of Handle, Feet.....	4
Per Dozen	\$12.30

Average Weight Per Dozen 27 Pounds.

One Dozen in a Bundle, Tines Burlapped.

ALFALFA OR CLOVER FORKS

OXFORD

Solid Steel Shank, Bright Oval Tines, Gold Bronzed Ferrule and Cap, Selected Handles.



Strapped Ferrule, Bent Handle, 13 inch Tines, 9 1/2 inch Spread		
Nos.	A0134X	A0134 1/2 X
Length of Handle, Feet.....	4	4 1/2
Per Dozen	\$18.90	18.90

Average Weight Per Dozen 38 Pounds.

DAKOTA HEADER FORKS

OXFORD

Solid Steel Shank, Bright Oval Tines, Gold Bronzed Finish Ferrule and Cap.
FOUR TINE, SQUARE SHOULDER

Plain Ferrule, Bent Handle, 16 inch Tines.

Nos.	D164X	D164½X
Length of Handle, Feet.....	4	4½
Per Dozen	\$22.15	22.15



Strapped Ferrule, Bent Handle, 16 inch Tines.

Nos.	D0164X	D0164½X
Length of Handle, Feet.....	4	4½
Per Dozen	\$23.15	23.15

Average Weight Per Dozen 45 Pounds.

Each Fork in an Envelope, One-half Dozen in a Bundle.

BARLEY FORKS

OXFORD

Solid Steel Shank, Bright Oval Tines, Gold Bronzed Finish Ferrule and Cap.
Spring Wire Bail.

FOUR TINE



Plain Ferrule, Bent Handle, 18 inch Tines.

Nos.	B184X	B184½X	B185X
Length of Handle, Feet.....	4	4½	5
Per Dozen	\$22.15	27.15	27.65

FIVE TINE



Strapped Ferrule, Bent Handle, 18 inch Tines.

Nos.	B0504X	B0504½X	B0505X
Length of Handle, Feet.....	4	4½	5
Per Dozen	\$37.15	37.15	37.65



Strapped Ferrule, Bent Handle, 18 inch Tines.

Nos.	B0184X	B0184½X	B0185X
Length of Handle, Feet.....	4	4½	5
Per Dozen	\$29.15	29.15	29.65

Without Bail.
Plain Ferrule, 18 inch Tines.

No. B50DX—34 inch Malleable Iron D Handle.....	Per Dozen
	\$35.90

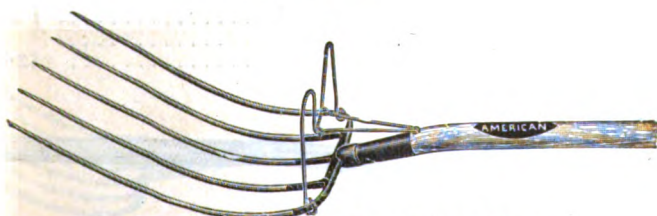


No. B018DX.

Without Bail.

No. B018DX—34 inch Malleable Iron D Handle.....	Per Dozen
	\$29.90
No. B18DX—34 inch Malleable Iron D Handle.....	27.90

FIVE TINE



Plain Ferrule, Bent Handle, 18 inch Tines.

Nos.	B504X	B504½X	B505X
Length of Handle, Feet.....	4	4½	5
Per Dozen	\$35.15	35.15	35.65

Average Weight Per Dozen 55 Pounds.

Without Bail.

Strapped Ferrule, 18 inch Tines.

No. B050DX—34 inch Malleable Iron D Handle.....	Per Dozen
	\$37.90

SIX TINE



Without Bail.

Strapped Ferrule, Bent Handle, 18 inch Tines.

No.	B0604½X
Length of Handle, Feet.....	4½
Per Dozen	\$40.65

Average Weight Per Dozen 55 Pounds.

All Above, Each Fork in an Envelope, One-half Dozen in a Bundle.

MANURE FORKS

GENEVA

Solid Steel Shank, 12 inch Bright Oval Tines, Extra Gold Bronze Head, Ferrule and Cap, Extra Selected Handles.

FOUR TINE



Plain Ferrule, Bent Long Handle.

Nos.	44	44 1/2
Length of Handle, Feet.....	4	4 1/2
Per Dozen	\$17.00	17.00



Strapped Ferrule, Bent Long Handle.

Nos.	044	044 1/2
Length of Handle, Feet.....	4	4 1/2
Per Dozen	\$19.00	19.00

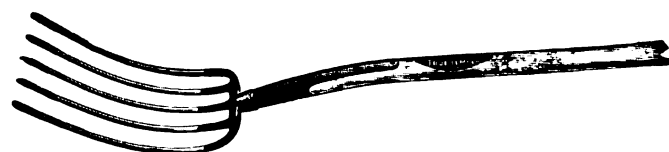
Average Weight Per Dozen 40 Pounds.

FIVE TINE



Plain Ferrule, Bent Long Handle.

No.	54
Length of Handle, Feet.....	4
Per Dozen	\$25.50



Strapped Ferrule, Bent Long Handle.

Nos.	054
Length of Handle, Feet.....	4
Per Dozen	\$27.50

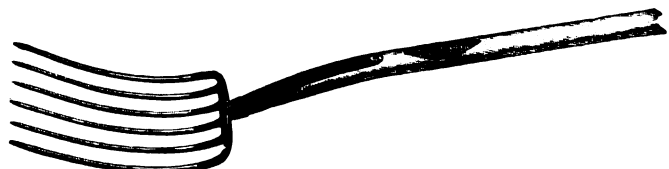
Average Weight Per Dozen 43 Pounds.

SIX TINE



Plain Ferrule, Bent Long Handle.

No.	64
Length of Handle, Feet.....	4
Per Dozen	\$29.50



Strapped Ferrule, Bent Long Handle.

No.	064
Length of Handle, Feet.....	4
Per Dozen	\$31.50

Average Weight Per Dozen 43 Pounds.

All Above, Each Fork in an Envelope, One-half Dozen in a Bundle.

OXFORD

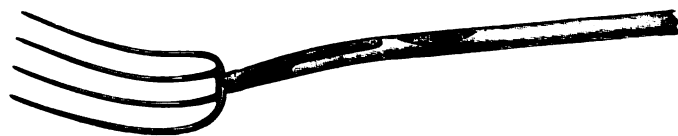
Solid Steel Shank, Bright Oval Tines, Gold Bronzed Ferrule and Cap, Selected Handles.

FOUR TINE



Plain Ferrule, Bent Long Handle.

No.	44X
Length of Handle, Feet.....	4
Per Dozen	\$15.50



Strapped Ferrule, Bent Long Handle.

No.	044X
Length of Handle, Feet.....	4
Per Dozen	\$17.50

Average Weight Per Dozen 43 Pounds.

FIVE TINE



Plain Ferrule, Bent Long Handle.

No.	54X
Length of Handle, Feet.....	4
Per Dozen	\$22.70



Strapped Ferrule, Bent Long Handle.

No.	054X
Length of Handle, Feet.....	4
Per Dozen	\$24.70

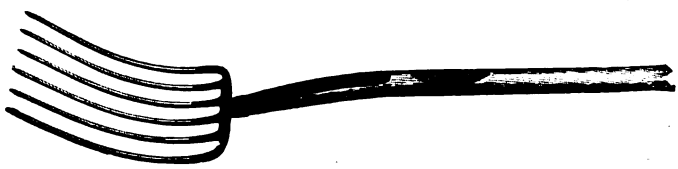
Average Weight Per Dozen 43 Pounds.

SIX TINE



Plain Ferrule, Bent Long Handle.

No.	64X
Length of Handle, Feet.....	4
Per Dozen	\$26.50



Strapped Ferrule, Bent Long Handle.

No.	064X
Length of Handle, Feet.....	4
Per Dozen	\$28.50

Average Weight Per Dozen 43 Pounds.

All Above, Each Fork in an Envelope, One-half Dozen in a Bundle.

MANURE FORKS

GENEVA

Solid Steel Shank, 12 inch Bright Oval Tines, Extra Gold Bronzed Head, Ferrules and Cap, Extra Selected Handles.

FOUR TINE



Plain Ferrule, Bent Handle.

No. 4D—Malleable Iron D Handle.....\$18.25

Per Dozen



Strapped Ferrule, Bent Handle.

No. 04D—Malleable Iron D Handle.....\$20.25

Per Dozen

FIVE TINE



Plain Ferrule, Bent Handle.

No. 5D—Malleable Iron D Handle.....\$26.75

Per Dozen

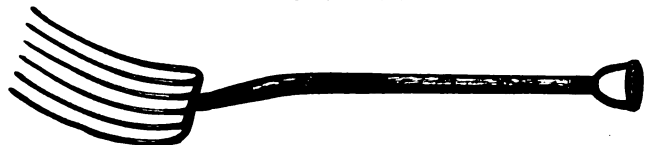


Strapped Ferrule, Bent Handle.

No. 05D—Malleable Iron D Handle.....\$28.75

Per Dozen

SIX TINE



Plain Ferrule, Bent Handle.

No. 6D—Malleable Iron D Handle.....\$30.75

Per Dozen



Strapped Ferrule, Bent Handle.

No. 06D—Malleable Iron D Handle.....\$32.75

Per Dozen

Average Weight Per Dozen 45 Pounds.

All Above, Each Fork in an Envelope, One-half Dozen in a Bundle.

OXFORD

Solid Steel Shank, Bright Oval Tines, Gold Bronzed Ferrules and Cap, Selected Handles.

FOUR TINE



Plain Ferrule, Bent Handle.

No. 4DX—Malleable Iron D Handle.....\$16.75

Per Dozen



Strapped Ferrule, Bent Handle.

No. 04DX—Malleable Iron D Handle.....\$18.75

Per Dozen

FIVE TINE



Plain Ferrule, Bent Handle.

No. 5DX—Malleable Iron D Handle.....\$24.95

Per Dozen



Strapped Ferrule, Bent Handle.

No. 05DX—Malleable Iron D Handle.....\$26.95

Per Dozen

SIX TINE



Plain Ferrule, Bent Handle.

No. 6DX—Malleable Iron D Handle.....\$28.75

Per Dozen



Strapped Ferrule, Bent Handle.

No. 06DX—Malleable Iron D Handle.....\$30.75

Per Dozen

Average Weight Per Dozen 43 Pounds.

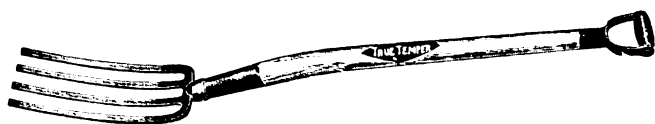
All Above, Each Fork in an Envelope, One-half Dozen in a Bundle.

SPADING FORKS

GENEVA

Solid Steel Shank, Extra Gold Bronzed Head, Ferrule and Cap, Extra Selected Handles.

FOUR TINE



11 inch Heavy Angular Tines, Polished. Per Dozen
No. HD—Plain Ferrule, Malleable Iron D Handle....\$24.25



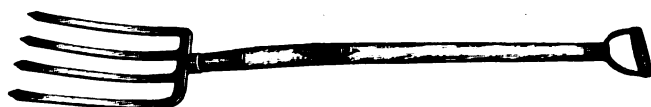
11 inch Heavy Angular Tines, Polished. Per Dozen
No. OHD—Strapped Ferrule, Malleable Iron D Handle.\$26.25



11 inch Light Angular Tines, Half Polished. Per Dozen
No. LD—Plain Ferrule, Malleable Iron D Handle....\$23.00



11 inch Light Angular Tines, Half Polished. Per Dozen
No. OLD—Strapped Ferrule, Malleable Iron D Handle..\$25.00



11 inch Heavy Flat Tines, Polished. Per Dozen
No. FD—Plain Ferrule, Malleable Iron D Handle....\$24.25



11 inch Heavy Flat Tines, Polished.
No. OFD—Strapped Ferrule, Malleable Iron D Handle..\$26.25
Average Weight Per Dozen 55 Pounds.
All Above, One-half Dozen in a Bundle, Tines Burlapped.

OXFORD

Solid Steel Shank, Gold Bronzed Head, Ferrule and Cap, Selected Handles.

FOUR TINE



11 inch Light Angular Tines, Polished. Per Dozen
No. LDX—Plain Ferrule, Malleable Iron D Handle....\$21.75



11 inch Light Angular Tines, Polished. Per Dozen
No. OLDX—Strapped Ferrule, Malleable Iron D Handle....\$23.75

EUREKA

Solid Steel Shank, Gold Bronzed Head, Ferrule and Cap, Good Grade Handles.

FOUR TINES



11 inch Light Angular Tines, Tumbled Finish. Per Dozen
No. LDSP—Plain Ferrule, Malleable Iron D Handle...\$15.00



11 inch Light Angular Tines, Tumbled Finish. Per Dozen
No. OLDSP—Strapped Ferrule, Malleable Iron D Handle....\$16.00
All Above, One-half Dozen in a Bundle, not Burlapped.

GENEVA

Solid Steel Shank, Extra Gold Bronzed Head, Ferrule and Cap, Extra Selected Handles.

FIVE TINE



11 inch Heavy Angular Tines, Polished. Per Dozen
No. 5HD—Plain Ferrule, Malleable Iron D Handle...\$32.50



11 inch Heavy Angular Tines, Polished. Per Dozen
No. 05HD—Strapped Ferrule, Malleable Iron D Handle....\$34.50
Average Weight Per Dozen 55 Pounds.
One-half Dozen in a Bundle, Tines Burlapped.

ENSILAGE OR BARN FORKS

GENEVA

Solid Steel Shank, Blued Head, Ferrule and Cap, Extra Selected Handles.



Strapped Ferrule, Malleable Iron D Handle, 15½ inch Black Finish Oval Oil Tempered Tines, End Tines Turned Up.

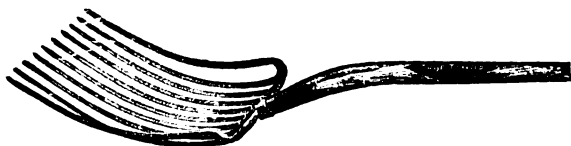
Per Dozen

No. 500—6 Tines, 12½ inches Wide, 2⅝ inch Space Between Tines, Weight Per Dozen 52 Lbs.....\$20.00
Designed to meet the demand for a light, strong fork.



Strapped Ferrule, Malleable Iron D Handle, 16 inch Black Finish Oval Oil Tempered Tines, End Tines Turned Up.

Nos.	508	510
Number of Tines.....	8	10
Weight Per Dozen, Lbs.....	72	86
Per Dozen	\$22.00	26.00



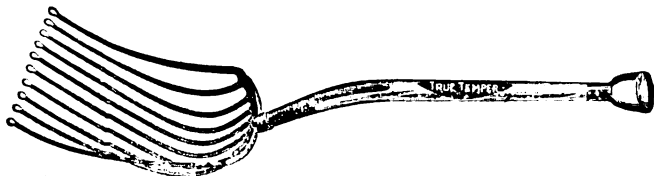
Strapped Ferrule, 4 foot Long Handle, 16 inch Black Finish Oval Tines, End Tines Turned Up.

Nos.	5084	5104
Number of Tines.....	8	10
Weight Per Dozen, Lbs.....	72	86
Per Dozen	\$22.00	26.00

VEGETABLE SCOOP FORKS

GENEVA

Solid Steel Shank, Blued Head Ferrule and Cap, Extra Selected Handles.



Strapped Ferrule, Malleable Iron D Handle, Broad Oval Tines, Flattened Point, Black Finish.

Nos.	908	910	912
Number of Tines.....	8	10	12
Length of Tines, Inches.....	15	15½	16½
Width, Inches	12	14	18
Weight Per Dozen, Lbs.....	78	90	102
Per Dozen	\$20.00	24.00	28.00

HEAVY MILL FORKS

GENEVA

Solid Steel Shank, Gold Bronzed Head, Ferrule and Cap, Extra Selected Handles.



Strapped Ferrules, 30 inch Wood D Handle, 15 inch Heavy Polished Oval Tines.

Per Dozen

No. 163—4 Tines, Weight Per Dozen 40 Lbs.....\$30.50
All Above, One-half Dozen in a Bundle, Tines Burlapped.

SHAVING FORKS

GENEVA

Solid Steel Shank, Gold Bronzed Head, Ferrule and Cap, Extra Selected Handles.



Strapped Ferrule, 30 inch Malleable Iron D Handle, Oval Polished Tines.

Per Dozen

No. 306—6 Tines, 3 inch Space, Weight Per Dozen 45 Lbs.\$22.00

CURD OR CHEESE FORKS

GENEVA

Solid Steel Shank, Tines, Ferrule and Cap, Tinned to Prevent Rusting, Perfectly Sanitary, Extra Selected Handles.



Plain Tinned Ferrule and Cap, Tinned Malleable Iron D Handle.

Per Dozen

No. 5DTC—5 Tines, 11¼ inches, Points Bent Over to Form ⅝ inch Circle, Weight Per Dozen 43 Lbs..\$30.00
One-half Dozen in a Bundle, Tines Burlapped.

BEEF FORKS

GENEVA

Solid Steel Shank, Blued Head Ferrule and Cap.



Strapped Ferrule, Malleable Iron D Handle, Scrap Shape, Solid Ball Point Tines, Tumbled Finish.

Per Dozen

No. 087S—8 Round Tines, Weight Per Dozen 54 Lbs..\$20.00

COKE FORKS

Solid Steel Shank, Blue Head Ferrule and Cap, Extra Selected Handles.



Strapped Ferrule, 30 inch Wood D Handle, Diamond Tines, Black Finish.

Nos.	710	712	714
Number of Tines.....	10	12	14
Length of Tines, Inches.....	17	16	17
Width at Center, Inches.....	14	18	20½
Space Between Tines, Inches..	1¼	1¼	1¼
Weight Per Dozen, Lbs.....	90	97	120
Per Dozen	\$24.00	28.00	33.00

COAL FORKS

Solid Steel Shank, Blued Head Ferrule and Cap.



Strapped Ferrule, 30 inch Wood D Handle.

Per Dozen

No. 814—14 Diamond Tines, Length 16 inches, Width at Center 14 inches, Spacing ⅝ inch, Black.....\$33.00
All Above, One-half Dozen in a Bundle, Tines not Burlapped.

POTATO DIGGING FORKS

GENEVA

Solid Steel Shank, Gold Bronzed Head Ferrule and Cap, Extra Selected Handles.
SIX TINE

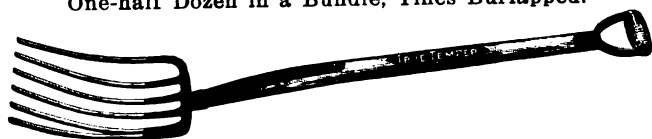
Strapped Ferrule, Malleable Iron D Handle, 12 inch Bright Oval Tines.

No. HS06D—Weight Per Dozen 46 Lbs.....\$32.75
One-half Dozen in a Bundle, Tines Burlapped.



Strapped Ferrule, 4 foot Bent Handle, 12 inch Bright Oval Tines.

No. HS064—Weight Per Dozen 46 Lbs.....\$31.50
One-half Dozen in a Bundle, Tines Burlapped.



Strapped Ferrule, Malleable Iron D Handle, 11 inch Bright Round Tines.

No. P06D—Weight Per Dozen 50 Lbs.....\$27.50
One-half Dozen in a Bundle, Tines Not Burlapped.



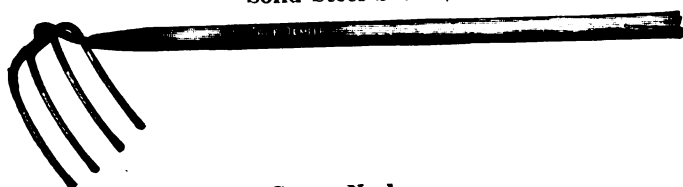
Strapped Ferrule, 4 foot Bent Handle, 11 inch Bright Round Tines.

No. P064—Weight Per Dozen 49 Lbs.....\$26.25
One Dozen in a Bundle, Tines Not Burlapped.

POTATO HOOKS

GENEVA

Solid Steel Shank, Extra Gold Bronzed Head and Ferrule, Extra Selected Handles.



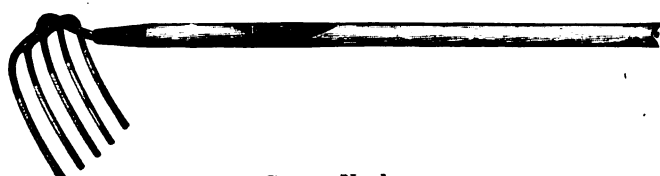
Goose Neck.

No. 4GNR—4 Oval Tines, 4 1/2 foot Handle.....\$14.00



Bent Head.

No. 4BHR—4 Oval Tines, 4 1/2 foot Handle.....\$14.00
No. 5BHR—5 Oval Tines, 4 1/2 foot Handle.....17.50
No. 6BHR—6 Oval Tines, 4 1/2 foot Handle.....19.00



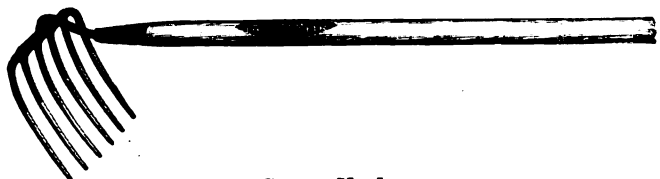
Goose Neck.

No. 5GNR—5 Oval Tines, 4 1/2 foot Handle.....\$17.50



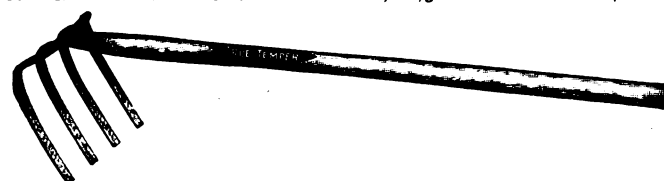
Goose Neck.

No. 4GND—4 Diamond Back Tines, 4 1/2 foot Handle..\$16.00



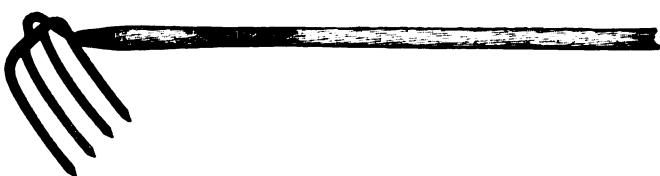
Goose Neck.

No. 6GNR—6 Oval Tines, 4 1/2 foot Handle.....\$19.00



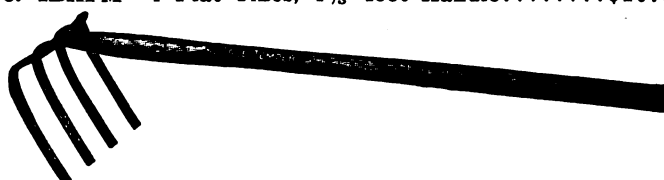
Bent Head.

No. 4BHFM—4 Flat Tines, 4 1/2 foot Handle.....\$16.00



Goose Neck.

No. 4GNFL—4 Light Flat Tines, 4 1/2 foot Handle....\$14.50



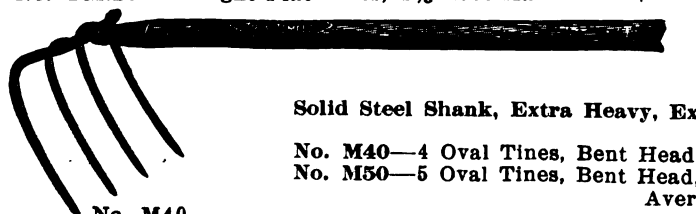
Bent Head.

No. 4BHD—4 Diamond Back Tines, 4 1/2 foot Handle..\$16.00
Average Weight Per Dozen 35 Pounds.
One Dozen in a Bundle, Tines Not Burlapped.

MANURE HOOKS

GENEVA

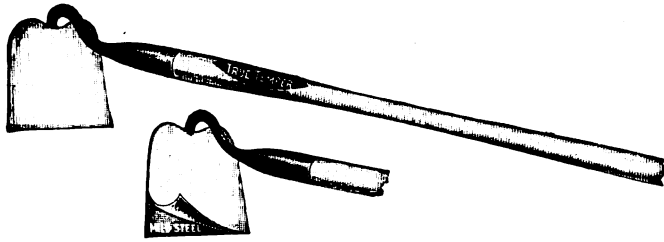
Solid Steel Shank, Extra Heavy, Extra Gold Bronzed Head and Ferrule, Extra Selected Handle.



No. M40.

No. M40—4 Oval Tines, Bent Head, Plain Ferrule, 6 foot Handle.....\$17.50
No. M50—5 Oval Tines, Bent Head, Plain Ferrule, 6 foot Handle.....19.00
Average Weight Per Dozen 45 Pounds.
One Dozen in a Bundle.

FIELD AND GARDEN HOES

**Special Self-Sharpening.**

Best Quality Mild and Tool Steel Blade, Full Polished, Red Enamelled Socket, XXX Specially Selected and Finished Double Spring Handles.

Per Dozen

No. LE—Solid Socket, Assorted 6½ to 7½ inch Blades, 4½ foot Handle.....\$18.00

The blade of this Hoe is made of two kinds of steel, rolled very thin, one being of mild steel, the other of superior edge steel, this insures a sharp cutting edge at all times. This is the finest Hoe made.

One Dozen in a Bundle, Blades Burlapped.

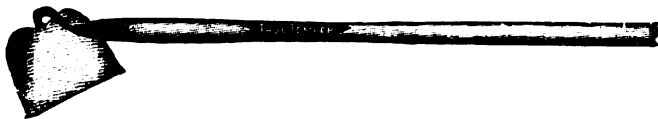
**Smith's Patent.**

Special Curved Blade for Weeding and Hilling, Full Polished, Gold Bronzed Socket, Extra Selected Handles.

Per Dozen

No. SOA—Solid Socket, Assorted 6½ to 7½ inch Blades, 4½ foot Handle.....\$15.75

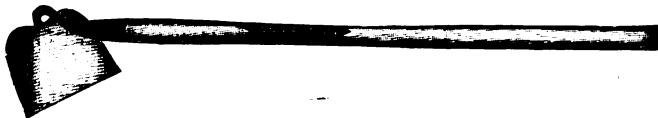
One Dozen in a Bundle, Blades Burlapped.

**Geneva, Socket.**

Full Polished Blade, Gold Bronzed Socket, Extra Selected Handles.

Per Dozen

No. G06½ 7½—Solid Socket, Assorted 6½ to 7½ inch Blades, 4½ foot Handle.....\$15.75

**Oxford Socket.**

Full Polished, Gold Bronzed Socket, Selected Handles.

Per Dozen

No. G06½ 7½ X—Solid Socket, Assorted 6½ to 7½ inch Blades, 4½ foot Handle.....\$14.75

**Geneva Shank.**

Full Polished, Gold Bronzed Ferrule, Extra Selected Handles.

Per Dozen

No. G6½ 7½—Solid Shank, Assorted 6½ to 7½ inch Blades, 4½ foot Handle.....\$14.25

**Oxford Shank.**

Full Polished, Gold Bronzed Ferrule, Selected Handles.

Per Dozen

No. G6½ 7½ X—Solid Shank, Assorted 6½ to 7½ inch Blades, 4½ foot Handle.....\$13.25

Average Weight Per Dozen 28 Pounds.

All Above, One Dozen in a Bundle.

**Riveted.**

Bright Sheet Steel Blade, Riveted to Malleable Iron Socket, Gold Bronzed Socket, Good Handles.

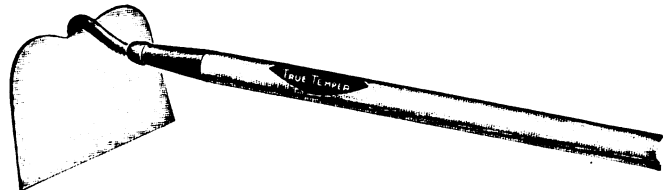
Per Dozen

No. ROA—Riveted Socket, Assorted 6½ to 7½ inch Blades, 4 to 4½ foot Handle.....\$4.30

Weight Per Dozen 26 Pounds.

One Dozen in a Bundle, Not Burlapped.

STREET AND MORTAR HOES

**Geneva Shank.**

Plain Ferrule, Full Polished Steel Blade, Gold Bronzed Ferrule, Extra Selected Handles.

Per Dozen

No. 9—9 inch Blade, Solid Shank, 5½ foot Handles, Weight Per Dozen 48 Lbs.....\$23.50

No. 10—10 inch Blade, Solid Shank, 6 foot Handle, Weight Per Dozen 51 Lbs.....25.40

**Geneva Socket.**

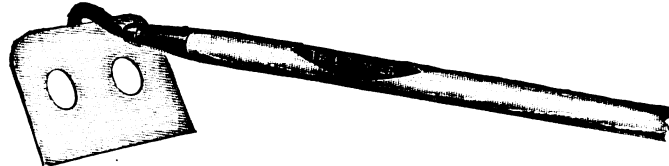
Full Polished Steel Blade, Gold Bronze Socket, Extra Selected Handles.

Per Dozen

No. S10—10 inch Blade, Solid Socket, 6 foot Handle, Weight Per Dozen 51 Lbs.....\$27.90

One Dozen in a Bundle, Blades Burlapped.

TWO-HOLE MORTAR MIXERS

**Geneva Shank.**

Plain Ferrule, Full Polished Steel Blade, Gold Bronzed Ferrule, Extra Selected Handles.

Per Dozen

No. M210—10 inch Blade, Solid Shank, 6 foot Handle, Weight Per Dozen 50 Lbs.....\$27.90

**Geneva Socket.**

Full Polished Steel Blade, Gold Bronzed Socket, Extra Selected Handles.

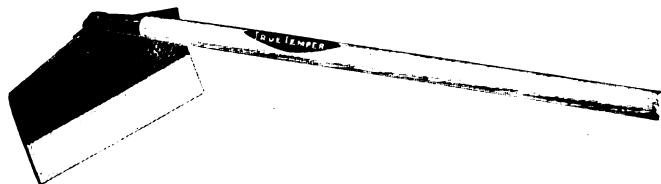
Per Dozen

No. SM210—10 inch Blade, Solid Socket, 6 foot Handle, Weight Per Dozen 50 Lbs.....\$30.40

One Dozen in a Bundle, Blades Burlapped.

STREET OR CELERY HOES

KALAMAZOO



Geneva, Shank

Half Polished Steel Blade, Gold Bronzed Ferrule, Extra Selected Heavy Handles.

Per Dozen

No. K14½—14½ inch Blade, Solid Shank Riveted to Blade, 6 foot Handle.....\$18.00
Weight Per Dozen 35 Pounds.
One Dozen in a Bundle, Not Burlapped.

LADIES' HOES

Geneva, Goose Neck.

Full Polished Steel Blade, Gold Bronzed Ferrule, Extra Selected Handles.

Per Dozen

No. LY5—5 inch Blade, ⅝ inch Solid Goose Neck Shank, 4 foot Handle.....\$11.00
Weight Per Dozen 18 Pounds.
One Dozen in a Bundle, Blades Burlapped.

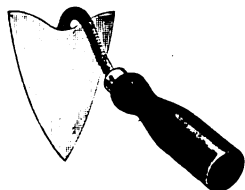
BOYS' HOES

Geneva, Goose Neck.

Full Polished Steel Blade, Gold Bronzed Ferrule, Extra Selected Handles.

Per Dozen

No. BY6—6 inch Blade, ¾ inch Solid Goose Neck Shank, 4 foot Handle.....\$13.00
Weight Per Dozen 19 Pounds.
One Dozen in a Bundle, Blades Burlapped.

BABY WARREN HOES

Goose Neck.

True Tempered Tools
are Like Friends Who
Understand—They Wear
Best.

Per Dozen

No. BW4½—4½ inch Tempered Steel Blade, Highly Polished, Gold Bronzed Solid Shank, Tuscan Rose-wood Finish Handle, Full Length 9 inches, Weight Per Dozen 6 Lbs.....\$6.00
For milady's garden and the green house, transplants, makes drills, covers seed evenly, weeds close to the plant.
One Dozen in a Box.

PLANTERS' EYE HOES

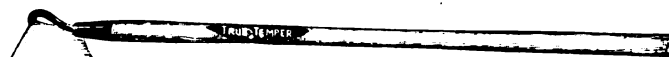
American Field Pattern.

Per Dozen

No. AE0—7 inch Blade, Forged and Drawn from One Solid Piece of Steel, Half Polished, Weight Per Dozen 22 Lbs.....\$5.75
Open Stock.

ONION OR NURSERY HOES

SQUARE TOP



Geneva, Shank.

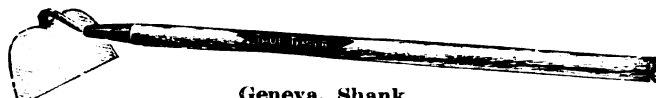
Extra Steel Blades, Full Polished, Gold Bronzed Ferrule, Extra Selected Handles, 4½ foot Long. Per Dozen

No. N6 —6 inch Blade, Solid Shank.....\$14.00
No. N6½ —6½ inch Blade, Solid Shank.....14.00
No. N7 —7 inch Blade, Solid Shank.....14.00

Average Weight Per Dozen 24 Pounds.
One Dozen in a Bundle, Blades Burlapped.

ONION HOES

ROUND TOP



Geneva, Shank.

Extra Steel Blades, Full Polished, Gold Bronzed Ferrule, Extra Selected Handles, 4½ foot Long. Per Dozen

No. R73—7 inch Blade, 3 inches Deep, Solid Shank...\$14.00
Weight Per Dozen 26 Pounds.

One Dozen in a Bundle, Blades Burlapped.

SUGAR BEET HOES

SQUARE TOP

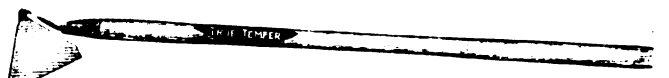


Geneva, Socket.

Extra Steel Blade, Full Polished, Gold Bronzed Socket, Extra Selected Handles, 4½ foot Long. Per Dozen

No. SB07½—7½ inch Blade, Solid Socket.....\$15.50
No. SB08 —8 inch Blade, Solid Socket.....15.50

TRIANGLE



Geneva, Shank.

Extra Steel Blade, Full Polished, Gold Bronzed Ferrule, Extra Selected Handles, 4½ foot Long. Per Dozen

No. BSW—7½ inch Blade, Solid Shank.....\$12.00

This hoe is particularly adapted for thinning, being without ears the dirt passes over the blade when hoeing.

Average Weight Per Dozen 26 Pounds.
One Dozen in a Bundle, Blades Burlapped.

WARREN HOES

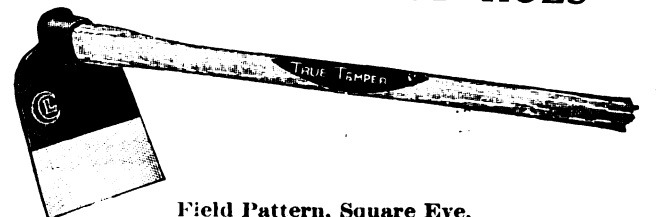
Geneva, Socket.

Special Shaped Full Polished Blade, Gold Bronzed Socket, Extra Selected Handles. Per Dozen

No. W7½—7½ inch Blade, Solid Socket, 4½ foot Handle.....\$17.50

Weight Per Dozen 26 Pounds.

One Dozen in a Bundle, Blades Burlapped.

GERMAN HANDLED HOES

Field Pattern, Square Eye.

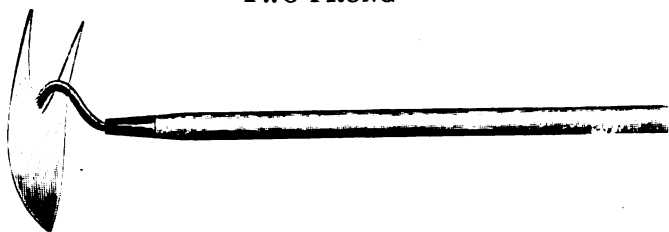
Forged and Drawn from One Solid Piece of Steel, Half Polished, Selected Handles, 4½ foot Long.

Nos.	GE4-0	GE3-0	GE2-0	GE1-0
Blade, Inches	5½	6	6½	7
Weight Per Dozen, Lbs.	36	40	44	48
Per Dozen	\$8.50	9.00	9.50	10.00

One-half Dozen in a Bundle, Blades Burlapped.

WEEDING HOES

TWO PRONG



New Deal, Goose Neck Shank.

- No. 7U—2½ x 7 inch Steel Blade, Spring Temper, Blued Finish, 4½ foot Handle.....\$6.00
 Weight Per Dozen 20 Pounds.
 One Dozen in a Bundle.

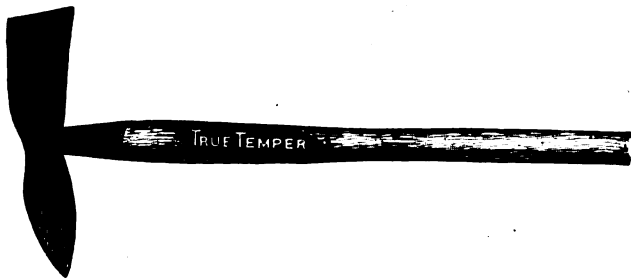
ACME



Riveted Malleable Iron Shank.

- No. A—4½ inch Polished Steel Blade, Two Shaped Prongs, 4½ foot Handle.....\$20.00
 Weight Per Dozen 26 Pounds.
 One-half Dozen in a Bundle, Blades Burlapped.

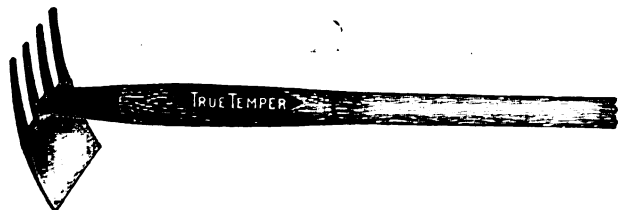
ONE PRONG



Double Steel Shank.

- No. 1PF—3½ inch Wide Forged Tapered Steel Blade, Sharp Point, 4½ foot Handle.....\$7.00
 Weight Per Dozen 22 Pounds.
 One Dozen in a Bundle, Not Burlapped.

FOUR PRONG

Combination Hoe and Rake.
Forged from One Piece of Steel.

- No. 4P—Four Prong Forged Steel Head, Polished Blade, 4½ foot Handle.....\$10.00
 Weight Per Dozen 22 Pounds.
 One Dozen in a Bundle, Not Burlapped.

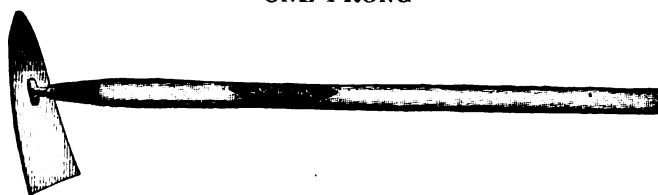
FOUR PRONG



Combination Hoe and Rake.

- No. 4PM—Four Prong Malleable Iron Head, Steel Blade, 4½ foot Handle.....\$6.00
 Weight Per Dozen 22 Pounds.
 One Dozen in a Bundle, Not Burlapped.

ONE PRONG



Riveted Iron Shank.

- No. 1P—Bright Sheet Steel Blade, Sharp Point, 4½ foot Handle\$4.00
 Weight Per Dozen 20 Pounds.
 One Dozen in a Bundle, Not Burlapped.

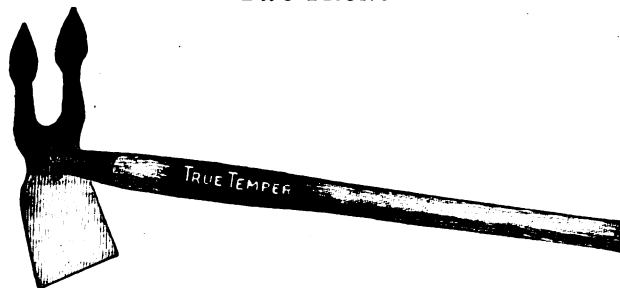
TWO PRONG



Riveted Iron Shank.

- No. 2P—Bright Sheet Steel Blade, 4½ foot Handle...\$4.25
 Weight Per Dozen 20 Pounds.
 One Dozen in a Bundle, Not Burlapped.

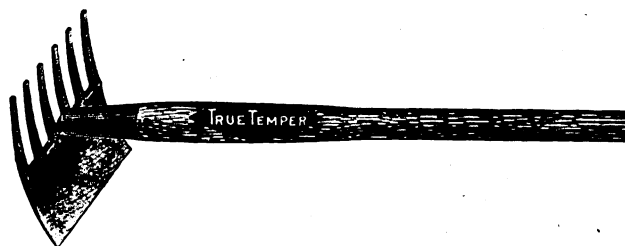
TWO PRONG



Double Steel Shank.

- No. 2PF—3½ inch Wide Forged Tapered Steel Blade, Sharp Points, 4½ foot Handle.....\$8.00
 Weight Per Dozen 23 Pounds.
 One Dozen in a Bundle, Not Burlapped.

SIX PRONG

Combination Hoe and Rake.
Forged from One Piece of Steel.

- No. 6P—Six Prong Forged Steel Head, Polished Blade, 4½ foot Handle.....\$12.00
 Weight Per Dozen 24 Pounds.
 One Dozen in a Bundle, Not Burlapped.

SIX PRONG

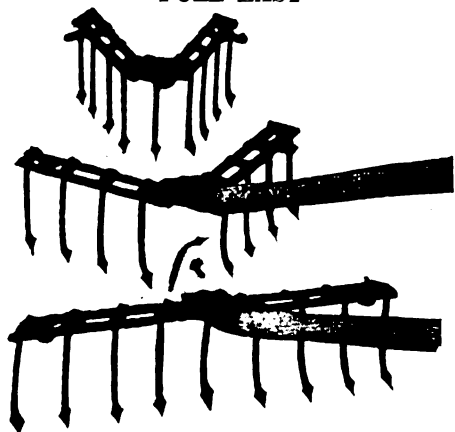


Combination Hoe and Rake.

- No. 6PM—Six Prong Malleable Iron Head, Steel Blade, 4½ foot Handle.....\$7.00
 Weight Per Dozen 22 Pounds.
 One Dozen in a Bundle, Not Burlapped.

GARDEN CULTIVATORS

PULL EASY

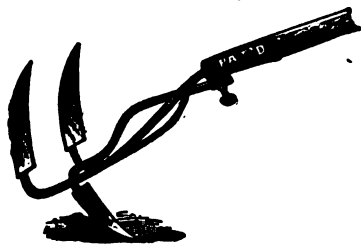


Adjustable, Drop Forged Teeth.

Per Dozen

- No. PE—Nine Teeth, Removable Middle Tooth, Adjustable from 7 to 18 inches Wide, Can be Used as Cultivator and Rake, Adjustment Made with Thumb Nut, 4 1/2 foot Handle.....\$21.00
Weight Each 3 1/2 Pounds.
One-half Dozen in a Bundle.

IMPROVED GARDENER'S FRIEND



Used as a Drill.



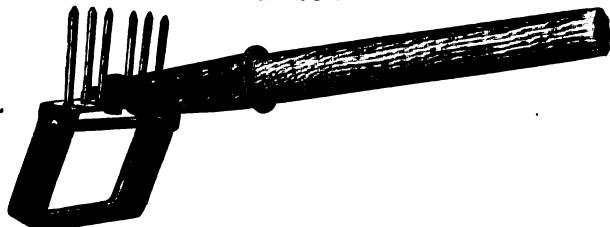
Used for General Cultivating.



Shield Used in Place of Center Plow.

Per Dozen

- No. 8U—Combination Garden Tool, Solid Cast Steel Shovels, 1 3/4 x 4 1/4 inches, Edges are Sharpened Entire Length, for Cutting Weeds, 4 1/2 foot Selected Handle, Weight Complete 3 1/2 Lbs.....\$15.00
This tool enables one to do three times as much cultivating as with the common hoe; it stirs up the soil and leaves it in a smooth condition.

WEEDERS
GILSON

High Grade Steel Blade, Steel Rake Teeth, Malleable Iron Socket, Painted, 6 foot Hardwood Handle.

Per Dozen

- No. 8 1/2—3 1/2 inch Cutting Blade, for Narrow Rows, for Nurseries, Florists and Hard Soil.....\$ 8.40
No. 5—5 inch Cutting Blade, for General Garden Purposes, an All Around Tool, Very Popular..... 9.00
No. 6—6 inch Cutting Blade, for General Gardening where the Soil is Light and Rows Wide Enough Apart to Allow the Weeder to be Operated Properly..... 9.60
No. 8—8 inch Cutting Blade for Sandy Soil as is Usually Found in Potato Growing Districts..... 10.80
Gilson Weeder, the new wonder working tool, makes gardening a pleasure—more and better work in less time.
Average Weight Per Dozen 40 Pounds.

FEATHER-WEIGHT

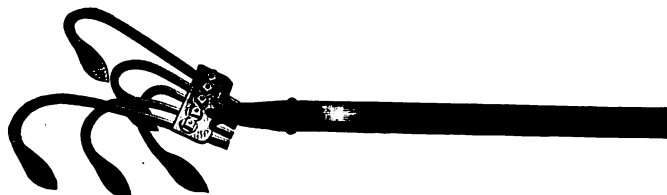


Forged from Solid Piece of Tool Steel.

Per Dozen

- No. FWS—Three Natural Finished Tines, with Drop Forged Points, 4 1/2 foot Ash Handle.....\$8.00
Light and strong. Being forged from one solid piece of tool steel, its weight is far less than that of other cultivators and there are no bolted parts to work loose. Points work from 1 to 2 inches beneath the soil surface.
For keeping in moisture and working up close to growing plants, this cultivator is very efficient.
Average Weight Per Dozen 30 Pounds.
One-half Dozen in a Bundle.

INVINCIBLE



High Grade Forged Steel Blades, Malleable Iron Socket and Head.

Per Dozen

- No. IGC5—Five Adjustable Steel Blades, 4 1/2 foot Handle.....\$13.50
Works between rows. Every part is detachable. Center tooth can be removed and rows straddled. Pulverizes soil thoroughly.

Average Weight Per Dozen 40 Pounds.
One-half Dozen in a Bundle, Tines Burlapped.

NORCROSS



Per Dozen

- No. 5N—5 Adjustable 1/4 inch Square Spring Steel Prongs with Forged Shovels, Malleable Head, Glossy Black Painted Metal Parts, Silver Bronzed Shovels, 4 foot Waxed and Belted Best Quality White Ash Handle, without Universal Connection, Weight Each 3 Lbs.....\$13.50

The prongs are changeable for rows of any width. Loosening two nuts releases any prong without disturbing the others. Works between rows or center prong can be removed and rows straddled. Removing center prong and reversing other four, makes a potato digger.

Weight Per Dozen 40 Pounds.
One-half Dozen in a Bundle, Crated.

NORCROSS MIDGET WEEDER

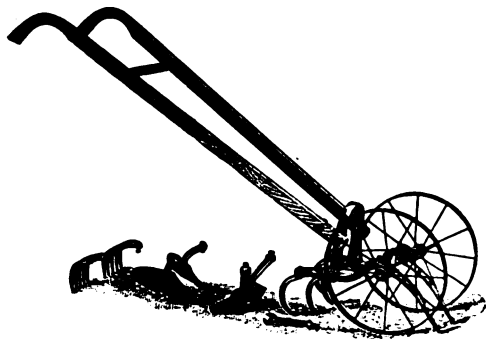


Per Dozen

- Midget—Three Blades, 1/4 inch Square Spring Steel Prongs, Attached to Malleable Iron Head with Two Bolts, Black Painted Metal Parts, Silver Bronzed Shovels, 9 inch Handle.....\$4.50
Designed for use in flowers, small shrubbery, etc.
Average Weight Per Dozen 10 Pounds.
One-half Dozen in a Bundle, Crated.

GARDEN PLOWS

STANDARD CULTIVATOR



Single and Double Wheel.

Ground and Polished Hard Steel Attachments, Malleable Iron Wearing Parts, Hardwood Handles, Nicely Finished.

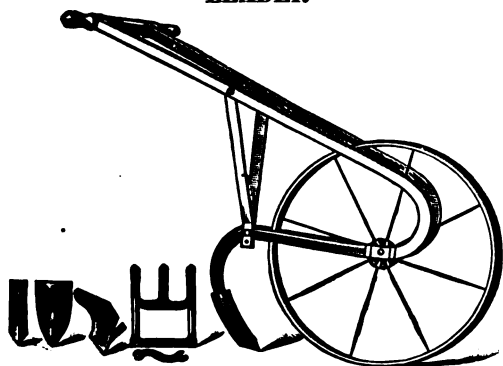
Each

No. 4—16 inch Steel Wheels, Complete with 4 Shovels, 1 Pair Hoes, 1 Pair Diamonds, 1 Pair Rakes, 2 Leaf Guards and Wrench.....\$10.00

Can be changed in a minute from a double wheel, for cultivating astride the rows, to a single wheel to cultivate between rows. When set up either as a single or double wheel, the wheels can be adjusted up or down to gauge the depth of work; the handles are also adjustable for height to suit boy or man.

Weight Each Complete 40 Pounds.

LEADER



Each

No. 3—24 inch Wheel, Steel and Malleable Iron Construction, Wood Cross Bar Handle, Steel Attachments with Each Plow are Mould Board with Land Slide, Shovel, Calf-Tongue, Weeder and Cultivator...\$4.00

It is so constructed that the center of weight falls directly over the pivoting point of the axle, making it self-balancing. Handle can be raised or lowered to suit man or boy. The cross-handle makes plow more easily guided and pushed, with less strain on the arms than the vertical or bent handles. The weight of the operator's body can be used against handle.

Weight Each Complete 25 Pounds.

MIDGET SEEDERS

Will Attach to Single Wheel Cultivators.

Attaches with One Bolt in Same Place and Same Manner as the Cultivating Tools.

Each

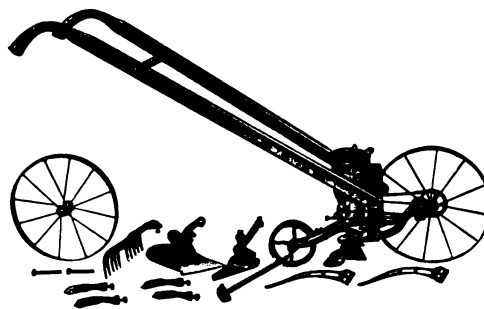
No. 1—8 inch Steel Wheel, 1 1/4 inches Wide, Gray Iron Hopper with Malleable Iron Cover, Brass Seed Tube, Hopper Holds 1 Pint but will Handle and Drill Out Clean a 5¢ Package of Seed.....\$2.90
Weight Each 7 Pounds.

Index naming several varieties of seed; no trouble to adjust; adjustable shoe for any depth.

One in a Box.



STANDARD SEEDER AND CULTIVATOR



Single and Double Wheel, Cultivator Hoes, Plows and Rakes, with Hill and Drill Seeder.

Ground and Polished Hard Steel Attachments, Malleable Iron Wearing Parts, Hardwood Handles, Nicely Finished.

Each

No. 9—16 inch Steel Wheels, Complete with 4 Shovels, 1 Pair of Hoes, 1 Pair Diamonds, 1 Pair Rakes, 2 Leaf Guards, Hill and Drill Seeder and Wrench...\$18.00

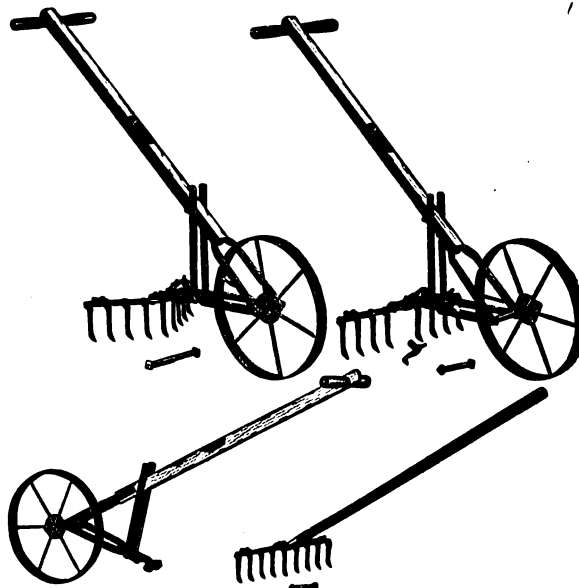
Can be changed from a double to a single wheel cultivator in a minute.

With the Hill and Drill Seeder Attachment it is three practical tools combined on one. This tool will not only deliver seed in drills, but by shifting one part only, without the use of tools, will drop hills 4, 6, 8, 12 and 24 inches apart.

Weight Each Complete 58 Pounds.

PULL-EASY WHEEL CULTIVATOR

DUADJUSTO



Each

No. PEW—14 inch Electro Welded Wheel with 1 inch Rim, Arms Adjustable from 7 to 18 inches, Middle Tooth can be Removed, Each Tooth and Cross Bar Made of One Piece of Cold Pressed Steel, Rigid and Unbreakable, Handle 35 inches Long, Made of Polished Maple, Varnished, Frame Parts and Cultivator Painted Steel Gray, Weight Each 10 Lbs...\$4.00

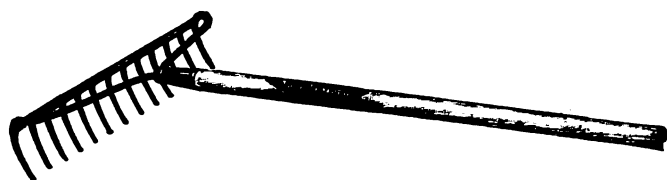
Wheel may be offset and middle tooth removed for straddling row. Four height adjustments.

The Duadjusto is the only Wheel Cultivator that can be changed to a hand cultivator. All that is necessary is to loosen two bolts. The handle for the Hand Cultivator is not furnished with the equipment.

Three in a Crate.

GARDEN RAKES

GENEVA, STEEL BOW

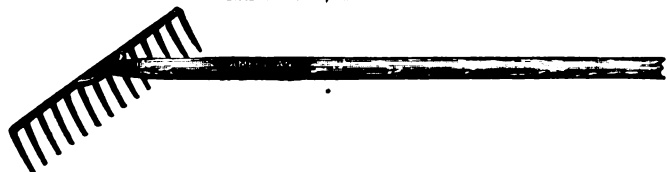


Solid Steel Bow, Curved Teeth, Solid End Bows, Forged from One Solid Piece of Steel, Gold Bronzed, Extra Selected Handles, 5½ feet Long.

Nos.	B11	B13	B15
Number of Teeth.....	11	13	14
Weight Per Dozen, Lbs.....	33	34	36
Per Dozen	\$18.75	20.25	21.75

One Dozen in a Bundle, Not Burlapped.

GENEVA, MALLEABLE

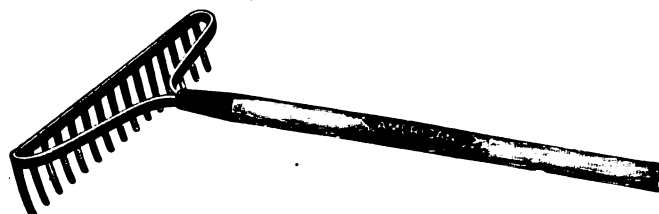


Malleable Iron, Brace Shank, Straight Teeth, Gold Bronzed, Selected Handles.

Nos.	10BM	12BM	14BM	16BM
Number of Teeth.....	10	12	14	16
Weight Per Dozen, Lbs..	24	25	26	28
Per Dozen	\$6.00	6.50	7.00	7.50

One Dozen in a Bundle, Not Burlapped.

GENEVA, LIGHT STEEL BOW

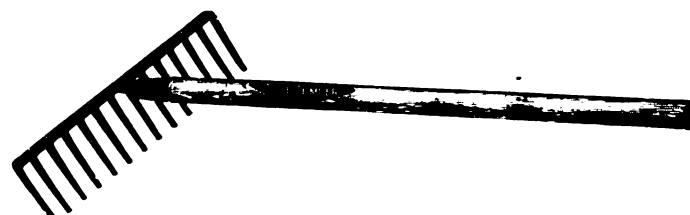


Light Steel Bow, One Piece Head, Teeth and Bows One Piece, Nothing to Loosen or Rust, a Stiff Strong Rake, Gold Bronzed, Extra Selected Handles, 5½ feet Long.

Nos.	SB12	SB14	SB16
Number of Teeth.....	12	14	16
Width, Inches	11¾	14	16
Weight Per Dozen, Lbs.....	37	39	40
Per Dozen	\$8.70	9.00	9.50

One Dozen in a Bundle, Not Burlapped.

GENEVA, STEEL, SINGLE SHANK



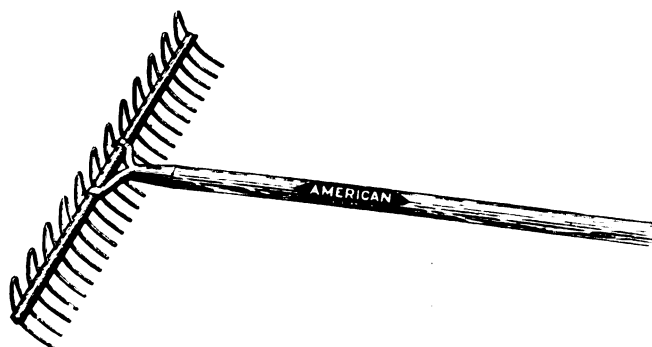
Steel Level Head, Single Shank, Straight Teeth, Gold Bronzed, Selected Handles, 5½ feet Long.

Nos.	12	14	16
Number of Teeth.....	12	14	16
Weight Per Dozen, Lbs.....	30	32	34
Per Dozen	\$16.25	17.75	19.25

One Dozen in a Bundle, Not Burlapped.

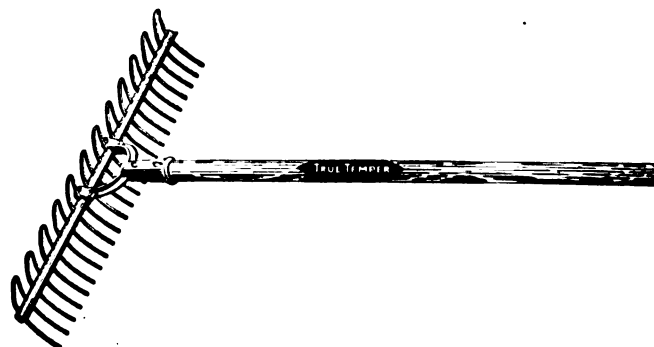
LAWN RAKES

REVERSIBLE



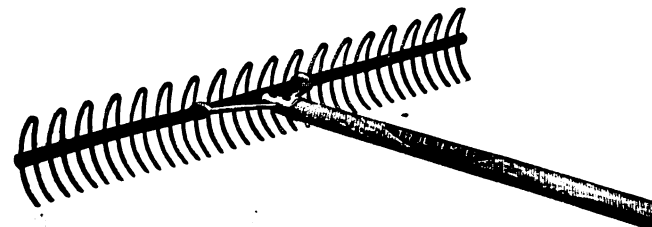
Riveted Pattern, Malleable Iron Socket.

No.	124R	Per Dozen
24 Wire Teeth, 20 inch Head Riveted to Malleable Iron Socket, Teeth, Head and Socket Coated with Aluminum, Ash Handles.....		\$6.00
Weight Per Dozen 32 Pounds.		



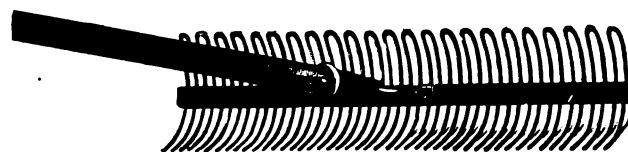
Bolted Pattern, Malleable Iron Socket.

No.	124	Per Dozen
24 Wire Teeth, 20 inch Head of No. 19 Gauge Steel, Malleable Iron Socket Bolted to Head, Teeth, Head and Socket Heavily Tinned, Selected Ash Handles, Waxed.....		\$7.20
Weight Per Dozen 33 Pounds.		



Park Rake, Malleable Iron Socket.

No.	36LR	Per Dozen
36 Wire Teeth, 30 inch Steel Head, Malleable Iron Socket, Tinned, Selected Handles.....		\$12.00
Weight Per Dozen 36 Pounds.		
For use in parks and large lawns.		



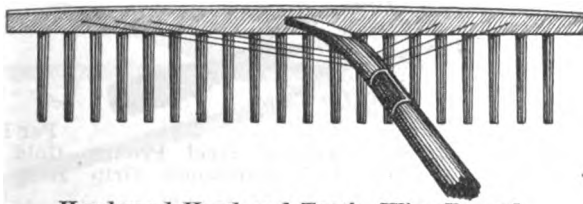
Malleable Iron Socket.

No.	2046	Per Dozen
46 Teeth, ¾ inch Apart, 20 inches Wide, Reversible, Tinned Steel, Malleable Iron Socket, Adapted to Lawns that are Trimmed Weekly....		\$12.00
Weight Per Dozen 48 Pounds.		
For use on lawns cut often. Will gather fine short grass.		

All Above, Heads, One-half Dozen; Handles, One Dozen in a Bundle.

LAWN RAKES

WOOD

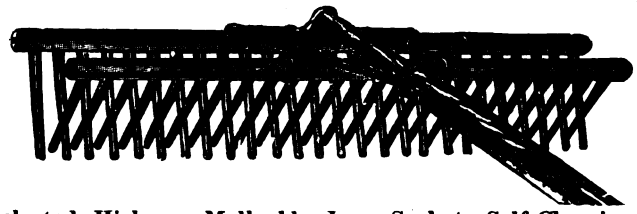


Hardwood Head and Teeth, Wire Braced.

Nos.	16	20
Number of Teeth	16	20
Weight Per Dozen, Lbs.	26	27
Per Dozen	\$6.00	6.50

One Dozen in a Bundle.

AUTOMATIC

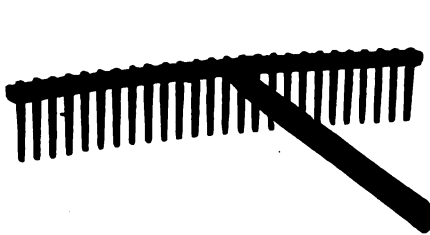


Selected Hickory, Malleable Iron Socket, Self-Cleaning, Oil Finish and Varnished, Japanned Socket.

Nos.	A22	A26
Number of Teeth	22	26
Weight Per Dozen, Lbs.	67	72
Per Dozen	\$9.00	10.00

One-half Dozen in a Crate.

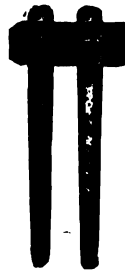
OLE OLSEN



Straight Hardwood Head.

No. 26-S—26 Straight Teeth, 23 inch Straight Head, 4 inch Wood Clinch Teeth, Hardwood Head Oiled, Gold Bronzed Brace, Malleable Iron Socket.....	\$7.50
Weight Per Dozen 31 Pounds.	
Heads, One Dozen in a Crate; Handles, One Dozen in a Bundle.	

Per Dozen



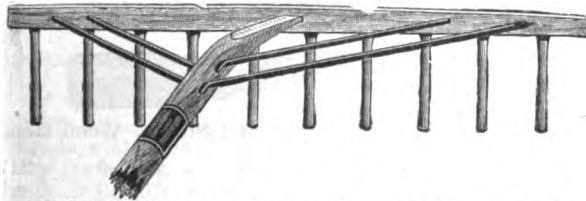
Curved Hardwood Head.

No. 26-C—26 Straight Teeth, 23 inch Curved Head, 4 inch Wood Clinch Teeth, Hardwood Head Oiled, Gold Bronzed Brace, Malleable Iron Socket.....	\$7.50
Weight Per Dozen 21 Pounds.	
Heads, One Dozen in a Crate; Handles, One Dozen in a Bundle.	

Per Dozen

HAY OR HARVEST RAKES

WOOD HAY



Plain, Wire Braced, Square Mortise, Wood Teeth.

Nos.	0	1	2	10
Number of Teeth	10	10	10	10
Per Dozen	\$5.40	4.80	4.40	4.90

Note—No. 0 is Extra Quality, Heavy and Strong, with First Quality Handle. No. 10 is Oiled.

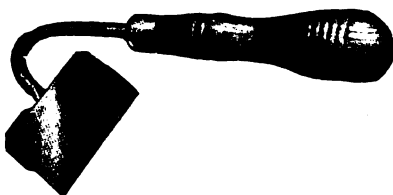
Per Dozen

No. 02—Plain, Wood Braced, Square Mortise, 10 Wood Teeth	\$4.40
Weight Per Dozen 25 Pounds.	

Per Dozen

Extra Turned Wood Teeth, for Hay Rakes.....	\$0.15
Wood Rakes, One Dozen in a Bundle.	

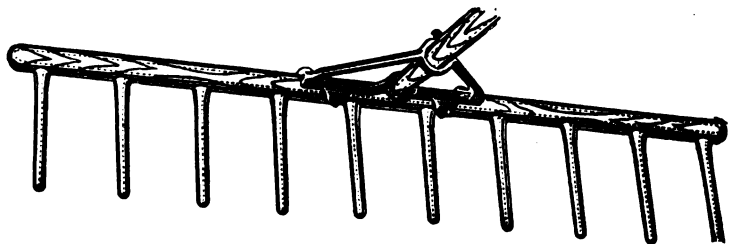
BEET WEEDERS



No. 51—Western, Solid Shank, Polished Cast Steel Blade, 1½x4½ inches, 7 inch Hardwood Handle.....	\$1.80
Open Stock.	

Per Dozen

CANTON HARVEST



Malleable Iron Brace and Socket.

No. 211—10 Hickory Teeth, Well Seasoned Maple Head. The Malleable Brace is fastened to the Head with two Rivets and two Extension Lugs that grip around the Head.	\$4.50
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Per Dozen

Weight Per Dozen 30 Pounds.

Heads, One Dozen in a Crate; Handles in a Bundle.

HAND WEEDERS

HASELTINE



No. 1W—1 inch Cast Steel Blade, Knife Edge, Oil Tempered, 4 inch Hardwood Handle, Brass Ferrule....	\$4.00
One Dozen in a Box.	

Per Dozen

WEEDING HOOKS



No. 5—5 Tinned Malleable Iron Prongs, Polished Wood Handle Per Dozen \$1.20
One Dozen in a Box.



No. E—Eureka, 3 Hand Forged Steel Prongs, Gold Bronzed Head, Polished Hardwood Grip Handle Per Dozen \$6.00
One Dozen in a Box.

GARDEN FORKS



No. 40—Four 4 1/2 inch Cast Steel Prongs, One-half Polished, Balance Finely Enameled, Varnished and Polished Wood Handle, Brass Ferrule, Length Over All 10 1/2 inches Per Dozen \$2.00
One Dozen in a Box.



No. G—Gem, 3 Hand Forged Steel Prongs, Gold Bronzed Head, Polished Hardwood Grip Handle Per Dozen \$4.80
One Dozen in a Box.

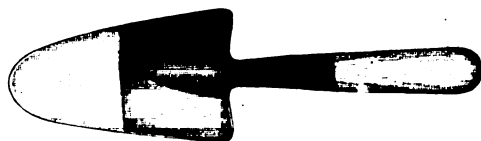
GARDEN TROWELS



Stamped One Piece Cold Rolled Steel Blade and Shank, Tinned, Hardwood Handle.

Nos.	5	6	7
Length of Blade, Inches....	5	6	7
Per Dozen	\$0.90	1.10	1.30

One Dozen in a Box.



No. 6A—Tip Top, One Piece Forged Steel Blade and Socket, Front Part of Blade Polished, Rear Part of Blade and Socket Enameled in Assorted Colors, Gold and Blue, Polished Hardwood Handle Per Dozen \$3.00

The strongest, best built and finished garden trowel on the market.

One Dozen in a Carton, Assorted Colors.



One Piece Forged Steel Blade and Shank, Half Polished and Blued Blade, Blued Shank, Hardwood Handle.

Nos.	211-6	211-7
Blade, Inches	6	7
Per Dozen	\$6.00	6.25

The Blade and Shank of these are made of One Piece of Steel, being forged out in the same way as mason's brick trowels. The blade is finely polished. The rear part and shank are varnished a nice blue. They are strong and stout.

One Dozen in a Box.



No. TX—Hot Forged from a Single Piece of Steel, Tempered and Polished, Long Solid Shank, Rear Part of Blade and Shank Enameled Blue, Special Shaped Polished Hardwood Handle Per Dozen \$5.00
One Dozen in a Box.

BERRY TROWELS



One Piece Forged Steel Blade and Shank, Half Polished and Blued Narrow Blade, Blued Shank, Hardwood Handle.

Nos.	211A
Length of Blade, Inches.....	4 1/2
Per Dozen	\$5.50

One Dozen in a Box.

TRANSPLANTING TROWELS



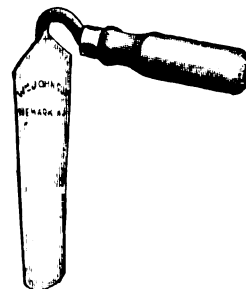
One Piece Heavy Sheet Steel Blade and Shank, Wood Handle.

Nos.	217-5	217-6	217-7
Length of Blade, Inches.....	5	6	7
Per Dozen	\$1.60	1.80	2.20

For many purposes this is better than the bent shank trowel, and answers for both trowel and dibble.

One Dozen in a Box.

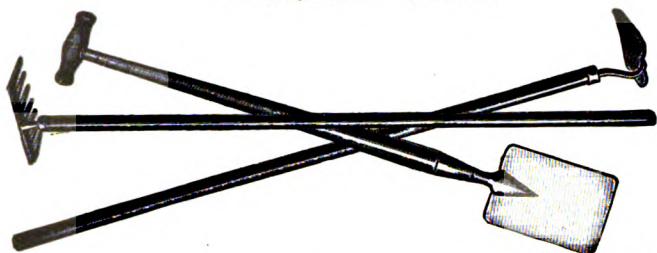
TRANSPLANTING HOE TROWELS



No. 217A—7 inch Cast Steel Blade, Polished Hardwood Handle Per Dozen \$6.00
Largely used by gardeners in setting out cabbage plants, etc.

One Dozen in a Box.

GARDEN SETS



Per Dozen Sets

- No. 3—Three Piece Set, Consists of One 5½x4 inch Bright Cold Rolled Steel Spade with 26½ inch Varnished T Handle, One 5¼x3¼ inch Bright Cold Rolled Steel Hoe with 30 inch Varnished Handle and One 7 Tooth Blued Malleable Iron Rake with 30 inch Varnished Handle.....\$4.50
Weight Per Dozen Sets 18 Pounds.



High Grade Forged Steel Heads, Solid Shanks, Gold Bronzed Finish, Selected Handles.

- No. 3PF—Three Piece Set, Consists of One 6x4½ inch Spade with 36 inch Malleable D Handle, One 6 Tooth Steel Rake with 4 foot Handle, and One 4x3½ inch Hoe with 4 foot Handle, Weight Per Dozen Sets 60 Lbs.....\$1.50



High Grade Forged Steel Heads, Solid Shanks, Gold Bronzed Finish, Selected Handles.

- No. 4PSF—Four Piece Set, Consists of One 6x4½ inch Spade with 36 inch Malleable D Handle, One Spading Fork with 4 Angular Tines, and 36 inch Malleable D Handle, One 6 Tooth Steel Rake with 4 foot Handle, and One 4x3½ inch Hoe with 4 foot Handle, Weight Per Dozen Sets 80 Lbs.....\$2.20
One-twelfth Dozen Sets in a Package.

- No. B4D—Spading Forks Only, for Above Sets.....\$10.00

DANDELION KNIVES



Per Dozen

- No. 219—15 inches Long Over All, Octagon Tool Steel Blade and Shank, Polished Blade, Beaded Hardwood Handle.....\$4.50
The point of the blade is V-shaped and ground on both sides, a useful tool for digging weeds, dandelions or asparagus, also used for pruning fruit trees.

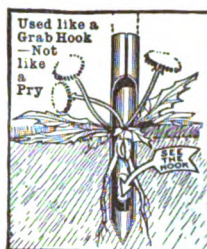
One Dozen in a Box.

DANDELION SPUDS



Per Dozen

- No. RDS—Reversible, Cast Steel Blade, is Reversible, with Two Styles Cutting Edges, 4 foot Handle....\$3.00
Weight Per Dozen 12 Pounds.
One Dozen in a Bundle.



DANDELION PULLERS

HALL'S

Hall Dandelion Puller, with Patented Root Hook, gets the roots without tearing up the lawn—kills the dandelion—nothing left to start new growth.

Puts an end to the dandelion pest, because it gets to the root of the trouble.



Per Dozen

- No. HD—8 inch Polished 12 Gauge Steel Blade with Patented Root Hook, 3 foot Brown Finish High Grade Oak Handle.....\$6.00
Weight Per Dozen 15 Pounds.
One Dozen in a Carton.

ERADO
For Dandelion

Erado does away with the old fashioned laborious and back-breaking method of digging up dandelions and weeds of all kinds by hand.

It is the acme of simplicity; there are no parts that can possibly get out of order on this tool.

Designed to use on any lawn that is disfigured by noxious weeds.



- No. A—Galvanized Iron Cylinder, Brass Tip, Iron Handle.....\$1.00

WEED CUTTERS
VICTOR

Per Dozen

- No. V—5x2½ inch Cast Steel Blade, Blue Enameled, Polished Cutting Edge, Securely Bolted to 4¼ foot Ash Handle.....\$6.60
An excellent steel blade tool for cutting thistles and weeds.
Light, neat and cheap.

Weight Per Dozen 18 Pounds.
One Dozen in a Bundle.

THISTLE CUTTERS



Per Dozen

- No. 39—Polished Steel Blade with Malleable Iron Foot Rest, Plain Ferrule, Gold Bronzed, 4½ foot Handle.....\$10.00

Weight Per Dozen 20 Pounds.

One-half Dozen in a Bundle, Blades Burlapped.

TURF EDGERS



Per Dozen

- No. 40—Polished Steel Blade, Solid Shank, Plain Ferrule, Gold Bronzed, 4 foot Handle.....\$8.50

Weight Per Dozen 22 Pounds.

One Dozen in a Bundle, Blades Burlapped.

SOD LIFTERS



Per Dozen

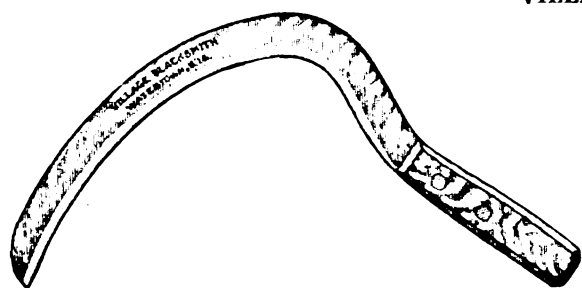
- No. 1—Solid Steel Blade and Shank, Plain Ferrule, Gold Bronzed, Malleable Iron Handle.....\$20.00

Weight Per Dozen 22 Pounds.

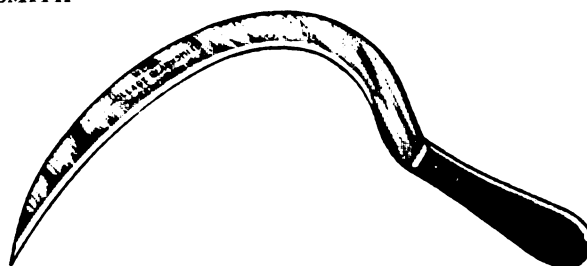
One-half Dozen in a Bundle, Blades Burlapped.

GRASS HOOKS

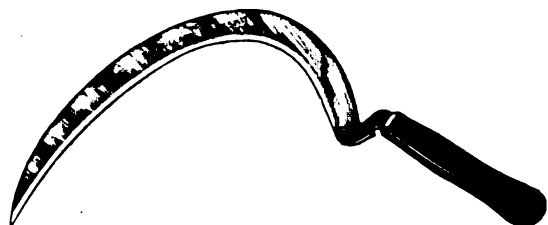
VILLAGE BLACKSMITH



- No. **1VB**—Forged Tool Steel Blade, Natural Hammer Finish, Thoroughly Tempered and Ground Sharp, Beechwood Handle **\$6.00**
 Weight Per Dozen 6½ Pounds.
 One Dozen in a Box.



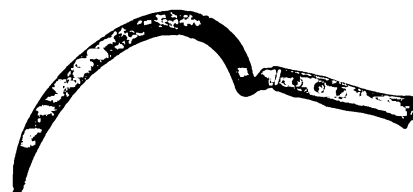
- No. **2VB**—Forged Heavy Crucible Steel Blade, Natural Hammer Finish, Full Polished Upper Side, Thoroughly Tempered and Ground Sharp, Mahogany Finished Handle **\$6.00**
 Weight Per Dozen 7½ Pounds.
 One Dozen in a Box.



- No. **3VB**—Forged Bar Tool Steel Blade, Natural Hammer Finish, Full Polished Upper Side, Thoroughly Tempered and Ground Sharp, Offset Shank, Natural Oak Finished Handle **\$7.20**

By the one piece offset the hand is removed from the ground, enabling the user to have a clear swing with blade close to the ground.

Weight Per Dozen 10 Pounds.
 One Dozen in a Box.

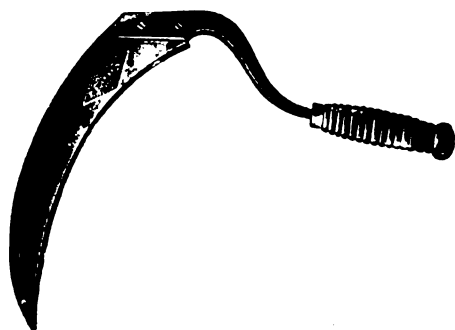


- No. **33VB**—Forged Heavy Bar Tool Steel Blade, Extra Wide, Ground Thin, Natural Hammer Finish, Thoroughly Tempered and Ground Sharp, Offset Shank, Natural Oak Finished Handle **\$8.80**

By the one piece offset the hand is removed from the ground, enabling the user to have a clear swing with blade close to the ground.

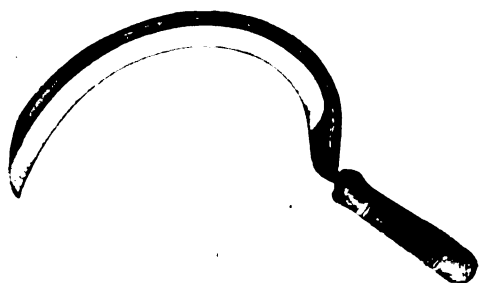
Weight Per Dozen 11 Pounds.
 One Dozen in a Box.

BLUE RIBBON



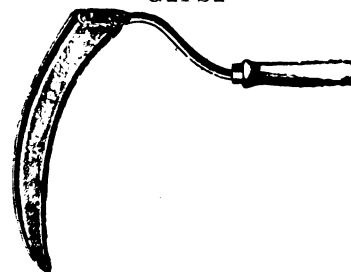
- No. **400**—Hardened and Tempered Steel Blade, Ground Sharp, Blue Finish, Attached to Shank with Bolts and Nuts, Enameled Beaded Wood Handle **\$7.00**
 Weight Per Dozen 12 Pounds.
 One Dozen in a Carton.

AMERICAN



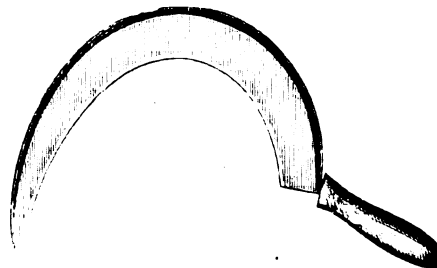
- Cast Steel Blade, Beveled, Gold Bronzed, Wood Handle.
 No. **3**
 Per Dozen **\$5.00**
 Average Weight Per Dozen 11 Pounds.
 One-half Dozen in a Bundle.

GYPSY



- No. **420**—Steel Blade, Natural Finish, Attached to Black Finished Steel Shank with Bolts and Nuts, Wood Handle, Shaped to Keep the Hand from Striking the Ground when in Use **\$4.50**
 Weight Per Dozen 11 Pounds.
 One Dozen in a Carton.

GERMAN

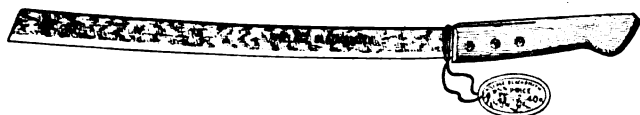


- Hammered Steel Blade, Blued, Wood Handle.
 Nos. **0** **1** **2**
 Per Dozen **\$3.60** **4.00** **4.50**
 Average Weight Per Dozen 6 Pounds.
 One-half Dozen in a Bundle.

German Grass Hooks Not Obtainable During the War.

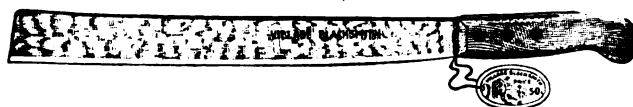
CORN KNIVES

VILLAGE BLACKSMITH



- No. 1—16½ inch Blade, 1¼ inches Wide, Forged from Crucible Tool Steel, Anvil Finish, Stained Maple Handle **\$6.60**
 Weight Per Dozen 12 Pounds.
 One Dozen in a Case.

VILLAGE BLACKSMITH



- No. 2—16½ inch Blade, 1¼ inches Wide, Forged from Crucible Tool Steel, Anvil Finish, Stained Maple Handle **\$7.60**
 This knife is also used for trimming young hedges.
 Weight Per Dozen 15 Pounds.
 One Dozen in a Case.

CROWN



- No. R116—16 inch High Carbon Steel Blade, 3 inches Wide at Point, Temper Finish, Shaped Beech Handle, 7 inches Long **\$4.00**
 Weight Per Dozen 12 Pounds.
 One Dozen in a Paper Box.

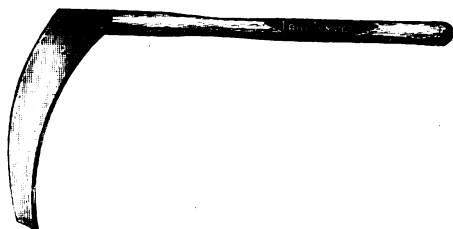
CLIPPER



- No. 90—18 inch Blade, Hand Forged from Extra Quality Tool Steel, Carefully Tempered, Natural Oil Finish, Tang Passes Through Corrugated Handle and is Riveted Over Washer **\$4.50**
 Weight Per Dozen 15 Pounds.
 One Dozen in a Box.

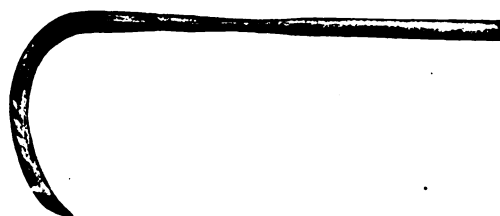
CORN HOOKS

YANKEE



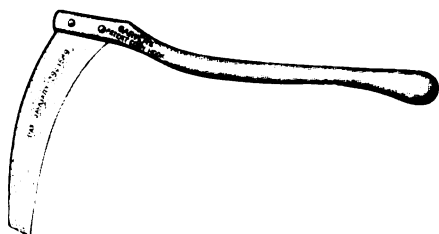
- No. 1CH—Tempered Steel Blade, Full Polished, Straight Riveted Handle **\$3.00**
 No. 2CH—Cast Steel Blade, Natural Finish, Straight Riveted Handle **2.50**
 Weight Per Dozen 14 Pounds.
 One Dozen in a Bundle.

WISCONSIN



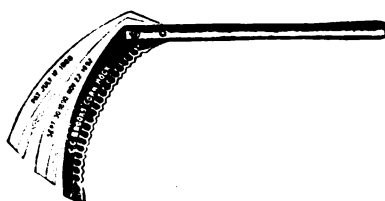
- No. 01—13 inch Blade, Forged from Crucible Tool Steel, Natural Hammered Finish, 18 inch Turned Maple Handle **\$4.90**
 Weight Per Dozen 16 Pounds.
 One Dozen in a Case.

CARVER'S



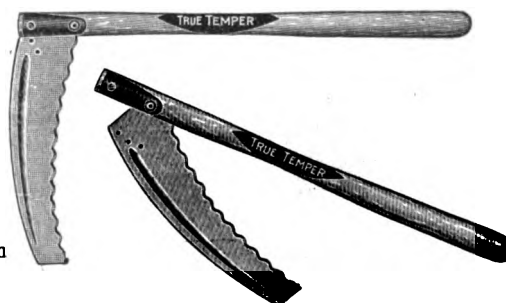
- No. 15—Spring Steel Blade, Oil Tempered and Polished, Nicely Balanced, Direct in Draught, Shaped Handle **\$5.00**
 Weight Per Dozen 16 Pounds.
 One Dozen in a Crate.

BROOKS' ADJUSTABLE



- No. 20—13 inch Corrugated Sheet Steel Blade, Serrated Edge, Single Bevel, Gold Bronzed, 18 inch Handle with Clip End **\$5.50**
 Three adjustments of blade, shearing, cutting, edge.
 One Dozen in a Box.

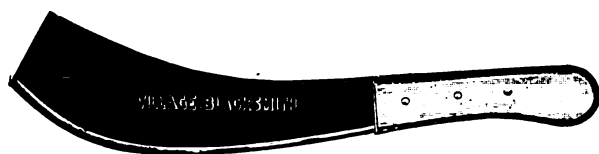
SERRATED ADJUSTABLE



- No. 6CH—Tempered Steel Blade, Serrated Edge, Ribbed Back, Adjustable, Straight Handle **\$4.00**
 Weight Per Dozen 15 Pounds.
 One Dozen in a Box.

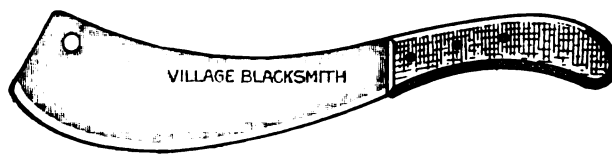
BEET KNIVES

BELGIUM PATTERN, VILLAGE BLACKSMITH



Straight Handle.

- No. 10—9 1/2 inch Blade, Hand Forged from Crucible Steel, Temper Natural Hammer Finish, Riveted Handle \$4.80
 Weight Per Dozen 10 Pounds.
 One Dozen in a Box.



Curved Handle.

- No. 20—9 1/2 inch Blade, Hand Forged from Crucible Steel, Temper Natural Hammer Finish, Riveted Handle \$5.50
 Weight Per Dozen 10 Pounds.
 One Dozen in a Box.

TOBACCO PLANT CUTTERS

ELLINGSON



- No. TC—4x4 inch Cross Cut Saw Steel Blade, Tempered and Polished, 18 inch Hickory Handle \$5.50
 Weight Per Dozen 11 Pounds.
 One Dozen in a Box.

TOBACCO SPUDS

ACME



- No. 25—Polished Steel Point, Length 8 1/2 inches, Socket 3 1/4 x 1 1/4 inches \$4.00
 Weight Per Dozen 3 1/2 Pounds.
 One Dozen in a Box.



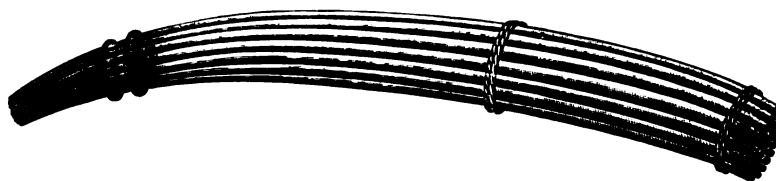
BUSH HOOKS

LIGHT

- No. 2—10 1/2 inch Cast Steel Hook Blade, Enameled Blue, Ground Sharp Ready for Use, One Solid Forged Eye and One Bolted Eye, 36 inch Selected Axe Shaped Handle, Weight Each with Handle 3 1/2 Lbs. \$16.00
 One-half Dozen in a Bundle, Blades Burlapped.

GRAIN CRADLES

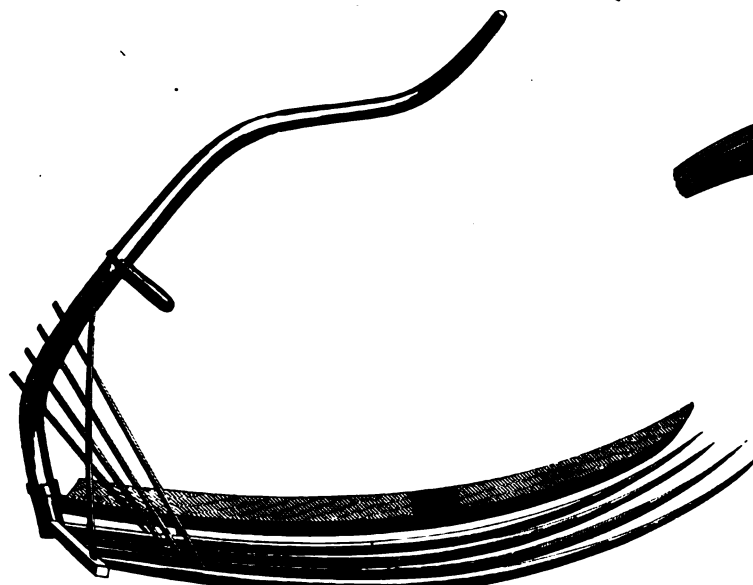
EXTRA CRADLE FINGERS



- No. 1—Cradle Fingers, Selected Second Growth Hickory, Oiled and Finished \$1.50
 Weight Per Dozen 9 Pounds.
 Five Dozen in a Bundle.

EXTRAS FOR GRAIN CRADLES

- Heel Rings \$1.60
 Wedges24
 Screw Bolts and Nuts60
 Wood Braces50
 Slats60
 Heads70



Wood Brace.

- No. 100—Wisconsin Farmer, Morgan Pattern, Four Finger, Wood Braced, Complete with Scythes \$54.00

Wire Brace.

- No. 200—Wisconsin Farmer, Morgan Pattern, Four Finger, Wire Braced, Complete with Scythes \$54.00
 Weight Per Dozen 124 Pounds.
 One-half or One-quarter Dozen in a Bundle.

SCYTHES

Our Scythes are made by one of the oldest and best known manufacturers of edge tools, from the highest grade of scythe steel, carefully tempered, and will hold a keen cutlery edge, finished and sharpened ready for use. True and correct in shape.

GRASS



Wisconsin Farmer.

Per Dozen

No. WF—Wide Heel, Solid Steel, Web and Back Polished, Natural Oil Finish, Sharpened.....\$21.00
Assorted, 28 to 30, 28 to 32, 30 to 33, 32 to 35 inches.
One Dozen in a Box.



Our Hand Made.

Per Dozen

No. OHM—Wide Heel, Tool Steel, Polished Web, Natural Oil Finished, Sharpened.....\$22.00
Assorted, 28 to 30, 30 to 33, 32 to 35 inches.
One Dozen in a Box.



Flying Dutchman.

Per Dozen

No. FD—Dutch Heel, Silver Steel, Polished Cutting Edge, Natural Oil Finish, Sharpened.....\$19.00
Assorted, 28 to 30, 30 to 33, 32 to 35 inches.
One Dozen in a Box.

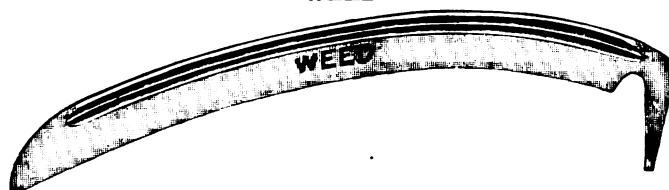
GRAIN



Per Dozen

No. GC—Silver Steel, Bronzed, Polished and Oil Finished Back, Sharpened.....\$24.00
Assorted, 44, 45 and 46 inches.
One-half Dozen in a Package.

WEED



Per Dozen

Weed—Heavy Cast Steel, Ribbed, Painted Green, Polished Point, Assorted 26 to 30 inches.....\$19.00
One Dozen in a Box.

BUSH



Per Dozen

No. 0—Cast Steel, Ribbed, Painted Green, Polished Point, Assorted, 16 to 18, 18 to 20, 20 to 24 inches.....\$19.00
No. 1—Little Giant, Crucible Steel, Charcoal Tempered, Oil Finished, Polished Point, Assorted, 16 to 20 inches.....20.50
One Dozen in a Box.

SCYTHE SNATHS

Finely Finished.

Made from Northern
Second Growth White
Ash—the best timber
for the purpose.

GRASS



Head of No. 50L and 50H Grass Scythe Snath. Per Dozen
No. 50L—Light, Patent Loop, Adjustable Socket, Iron Trimmings, Screw Nibs, Wt. Per Dozen 40 Lbs.....\$14.00
No. 50H—Heavy, Otherwise Same as No. 50L, Weight Per Dozen 50 Lbs.....14.00
One-half Dozen in a Bundle.

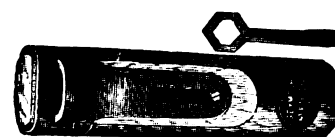
BUSH



Head of No. 100 Bush Scythe Snath. Per Dozen
No. 100—Extra Heavy, Two Rings, Iron Trimmings, Screw Nibs, Weight Per Dozen 57 Lbs.....\$15.50
One-half Dozen in a Bundle.

Each stick is split
with the grain of the
wood, giving added
strength.

BUSH



Head of No. 105 Patent Bush Snath. Per Dozen
No. 105—Extra Heavy, Patent Loop, Iron Trimmings, Screw Nibs, Weight Per Dozen 58 Lbs.....\$16.50
One-half Dozen in a Bundle.

EXTRA PARTS FOR SCYTHE SNATHS



No. 3.



No. 6.



No. 32.



No. 7.



No. 10.



No. 11.

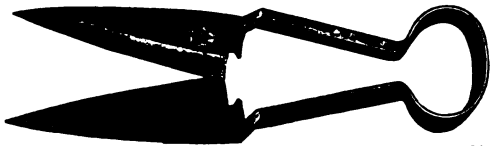


No. 16.

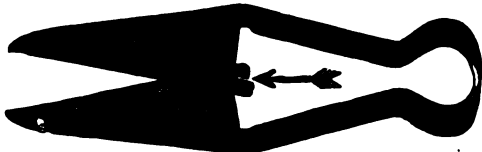
No. 3—Loop Bolt, for No. 50 Snath.....\$1.20
No. 6—Web, for No. 50 Snath.....1.00
No. 32—Swing Plate, for No. 50 Snath......70
No. 7—Wrench, for No. 50 Snath......40

No. 10—Ring, for No. 100 Bush Snath.....\$1.20
No. 11—Heel Wedge, for No. 100 Bush Snath......45
No. 16—Nib, Complete with Iron and Ferrule, for No. 50 Snath.....2.40

GRASS SHEARS

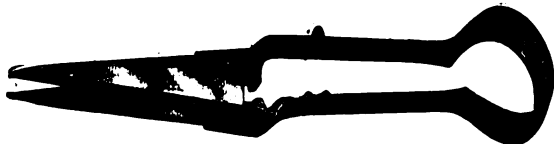


- No. 22—5 1/2 Inch Cast Steel Blades, Half Polished, Hardened and Tempered, Trowel Shank.....\$7.00
Weight Per Dozen 10 Pounds.
One-half Dozen in a Box.

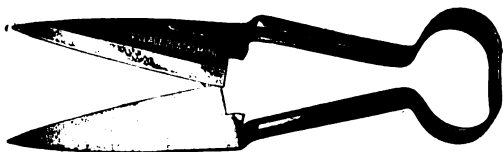


- With Self-Sharpening Lock Hook Blades.
No. 4—Sure-Klip, 6 Inch Hot Rolled Black Steel Blades, Bright Spring Steel Handle.....\$3.00
Sure-Klip Shears never miss a clip. The lock hook blades stay in place and are self-sharpening. Never out of order. Comfort grip. Easy action. Perfect adjustment. Cut with every clip.

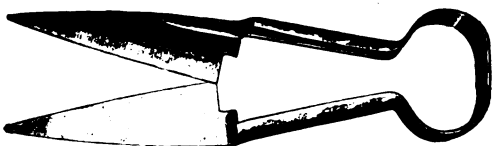
Weight Per Dozen 10 Pounds.
One Dozen in a Box.



- No. 460—Lightning, 5 1/2 Inch Tempered Steel Blade, Half Polished and Japanned, Steel Bow, Trowel Shank\$4.50
Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

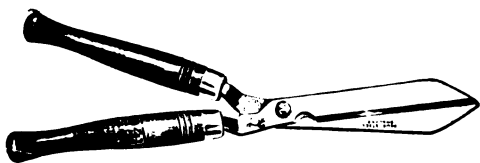


- No. V52—Village Blacksmith, 6 Inch Blade, Made of Cutlery Steel, Carefully Tempered and Set, Ground Perfectly, Black Enameled Handles and Bow, Polished Edges\$10.00
Weight Per Dozen 9 Pounds.
One-half Dozen in a Box



- No. V51—Village Blacksmith, 6 Inch Blade, Made of Cutlery Steel, Carefully Tempered, Ground Perfectly, Full Polished Rustless Finish, Trowel Shank\$15.00
Weight Per Dozen 10 Pounds.
One-half Dozen in a Box.

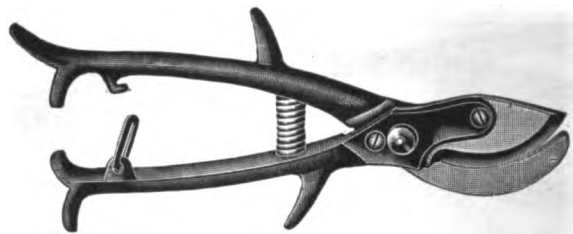
HEDGE SHEARS



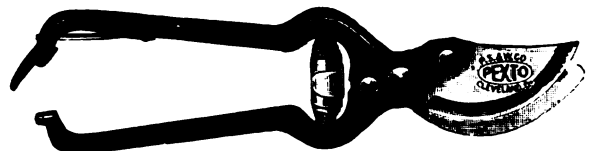
- No. 101—American, 9 Inch Polished Cast Steel Blades, Notched, Hardwood Handles, Steel Ferrules.....\$3.00
Weight Per Dozen 37 Pounds.
Open Stock.

PRUNING SHEARS

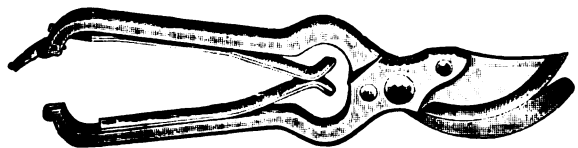
PEXTO



- No. 0—Connecticut Pattern, 9 Inches Long, Polished Steel Blades, Screw-Fastened, Black Japanned Iron Handles, Brass Coil Spring.....\$4.50
Weight Per Dozen 10 Pounds.
One-half Dozen in a Box.

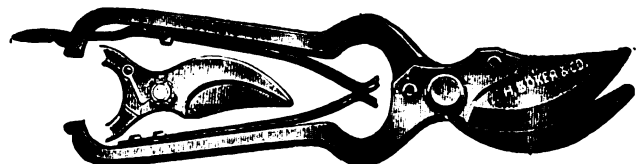


- No. 12—California Pattern, 9 inches Long, Polished Steel Blades, Black Japanned Iron Handles, Adjustable Nut, Volute Spring.....\$9.00
Weight Per Dozen 13 Pounds.
One-half Dozen in a Box.



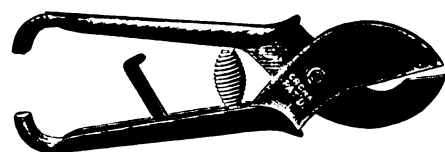
- No. 60—California Pattern, 9 Inches Long, Polished Tool Steel Blades, Double Brass Springs.....\$12.00
Weight Per Dozen 12 Pounds.
One-third Dozen in a Box.

BOKER



- No. 104—9 Inches Long, Hand Forged Tool Steel Blades, Genuine Straw Color, Volute Spring, Lock Nut and Regulating Ratchet.....\$17.00
A heavy, strong and serviceable Shear.
Weight Per Dozen 13 Pounds.
One-third Dozen in a Box.

CRONK'S



- No. 400—Cronk's, 8 Inches Long, Tool Steel Blades, Notched Hook, Wrought Steel Handles, Coil Wire Spring\$10.00
Weight Per Dozen 8 Pounds.
One-half Dozen in a Box.

PRUNING SHEARS

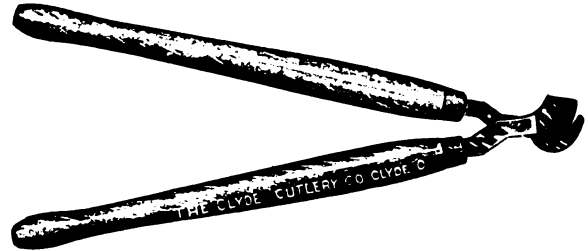
CLYDE



Improved Draw Cut.

Hook and Blade Made from Solid Tool Steel and Firmly Held Together by a Bolt with Lock Nut, Handles Shellaced and Reinforced by 4 inch Pressed Steel Ferrule and Cap.

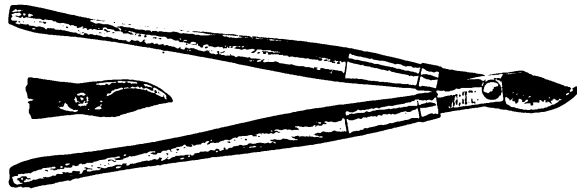
No. 5401—22 inch Handles, Weight Per Dozen 60 Lbs.,
Each in Rust Proof Bag.....\$30.00
One Dozen in a Box.



Positive Shear Cut.

Solid Steel Blade and Hook, Ash Handles, Nicely Finished, Steel Ferrules.

No. 5406—20 inch Handles, Weight Per Dozen 45 Lbs. \$12.00
One Dozen in a Box.



Shear Cut.

Solid Tool Steel Blade and Hook, Bolt and Ratchet Nut, Second Growth Ash Handles, Natural Finish, Reinforced with 4 inch Polished Pressed Steel Ferrule and Cap.

No. 5408—20 inch Handles, Weight Per Dozen 49 Lbs., Each
in Rust Proof Bag\$26.00
One Dozen in a Box.

No. 5408.

TREE PRUNERS

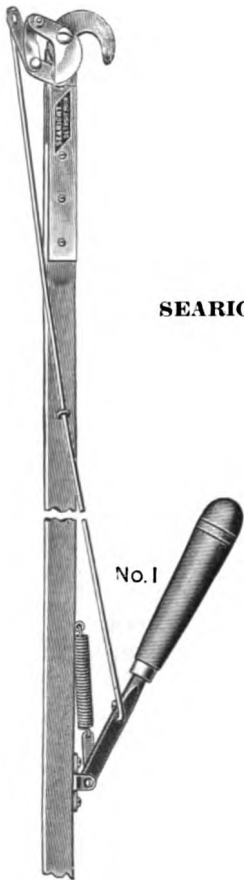
SEARIGHT'S COMPOUND LEVER.

These Pruners will be found to be practical in every way. They are designed and built to suit the needs of the Horticulturist. The strength, durability and easy cutting qualities of these trimmers will appeal to both the merchant and the user.

Drop Forged Crucible Steel Blades, Polished Forged Steel Working Parts, Compound Lever Head with Hook and Side Lever. Calculated for Heavy Work and Will Cut a Limb up to 1 1/4 inches in Diameter. Selected Hardwood Poles.

Nos.	1-8	1-10	1-12
Length, Feet	8	10	12
Weight Each, Lbs.	4 1/2	5	5 1/2
Each	\$4.00	4.25	4.25

SEARIGHT'S COMPOUND LEVER.



Searight No. 1.

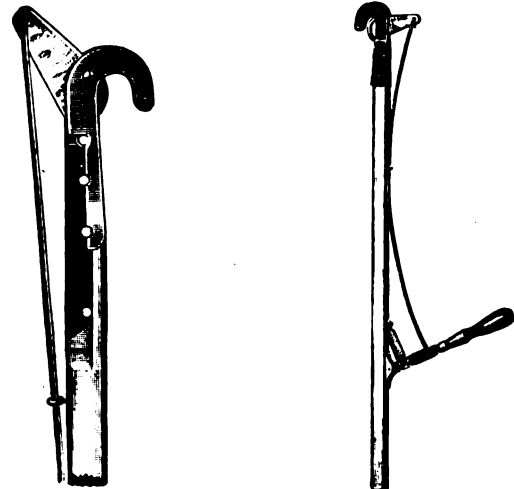
No. 4.
Jointed.

Carries all the Good Qualities of No. 1 Shown Above, Light Weight and Effective in Cutting Qualities.

Cutting Head Made Truss Shaped of High Grade Rolled Steel, Selected Hardwood Pole.

No. 4—16 foot Jointed Pruner, Made up by Using Top Section, Handle Section and Two Intermediate Sections, Weight Each 7 Lbs.....\$4.50

WATER'S IMPROVED



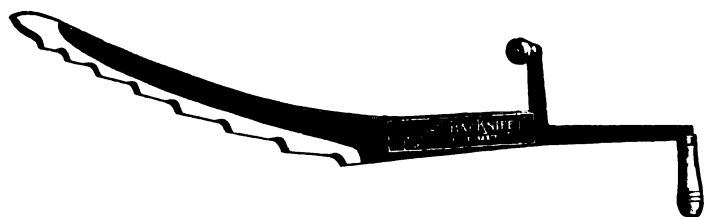
Polished Steel Blades, Enameled Steel Hook, Hardwood Handle.

Nos.	6	8	10	12
Length, Feet	6	8	10	12
Weight Each, Lbs.	3 1/4	4	4 1/2	5
Each	\$1.20	1.40	1.40	1.60

Extra Blades—For Water's Tree Pruners.....\$2.50

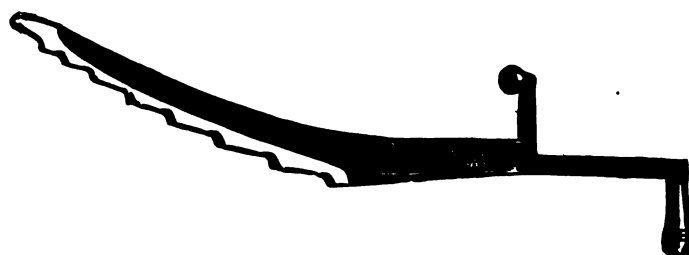
HAY KNIVES

GENUINE LIGHTNING.



No. 10—36 inch, Finest Tool Steel, Hardened and Tempered Like a Scythe, Serrated Edge, Painted Red, Riveted Handles **\$20.00**
 Weight Per Dozen 60 Pounds.
 One Dozen in a Case.

BLIZZARD.



No. 20—36 inch, Lightning Pattern, Cast Steel, Serrated Edge, Riveted Handles..... **\$19.00**
 Weight Per Dozen 59 Pounds.
 One Dozen in a Case.

BROOK'S



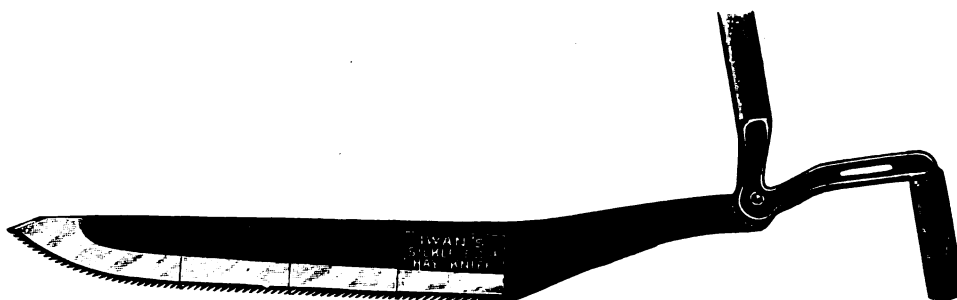
No. 30—36 inch, 20 inch Cutting Edge, Hammer Drawn from Crucible Steel, Hardened and Tempered in Oil, Transverse Corrugations on Cutting Edge, Corrugated Jet Wood Handles with Steel Ferrules, Painted Green with Polished Cutting Edge **\$20.00**
 Cuts Easy—Sharpens Quickly.
 Weight Per Dozen 60 Pounds.
 One Dozen in a Case.

DANDY IMPROVED.



No. 40—45 inch, D Step and Blade Malleable Iron, Reinforced Points on Blade which Strengthens the Cutting Points, Cutting Blades Made of Best Oil Tempered Steel, Second Growth White Ash Handle, Gold Bronzed D, Lacquered Step and Blade... **\$15.00**
 Weight Per Dozen 65 Pounds.
 One Dozen in a Crate.

IWAN'S IMPROVED.



Straight Sectional Sickie Edge.

No. 50—34 inch, Cutting Edge Consists of Four Sectional Sickie Edge Blades of Highest Grade Tool Steel, Sections Riveted to Strong Angular Tapering Malleable Iron Bar, Adjustable Malleable Iron Handle with Riveted Wood Grip... **\$18.00**

The Handles are so arranged as to clear the operator's hands from the stack and to get the most power. Adjustable by loosening bolt.

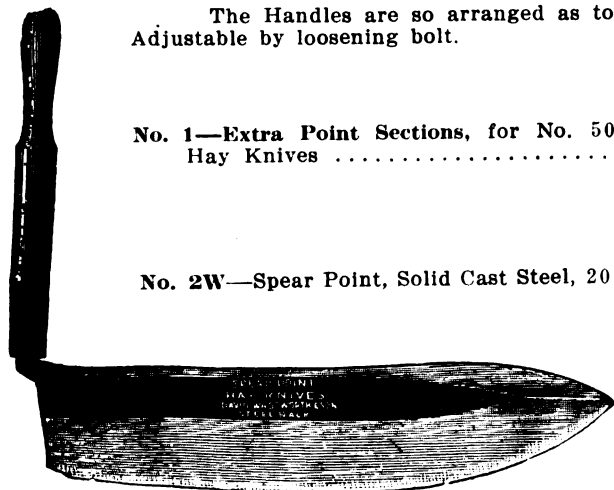
One Dozen in a Case.

No. 1—Extra Point Sections, for No. 50 Iwan's Hay Knives **\$3.60**

No. 2—Extra Middle Sections, for No. 50 Iwan's Hay Knives **\$3.00**

Weight Per Dozen 75 Pounds.

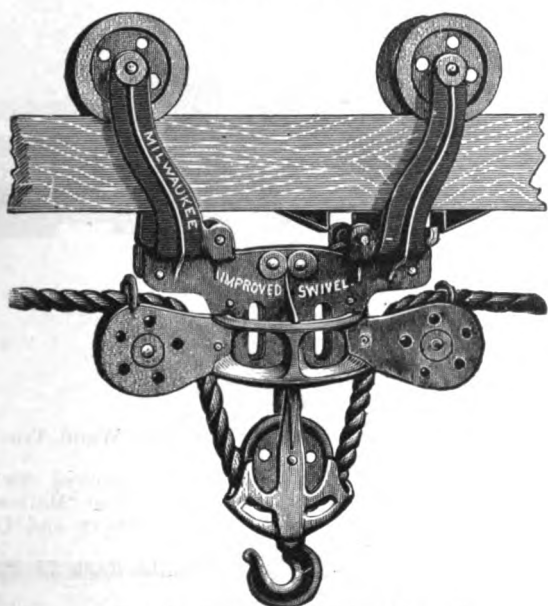
GENUINE WADSWORTH



No. 2W—Spear Point, Solid Cast Steel, 20 to 22 inch Blades, Sharpened and Painted..... **\$22.80**
 Weight Per Dozen 82 Pounds.
 One-half Dozen in a Box.

HAY CARRIERS

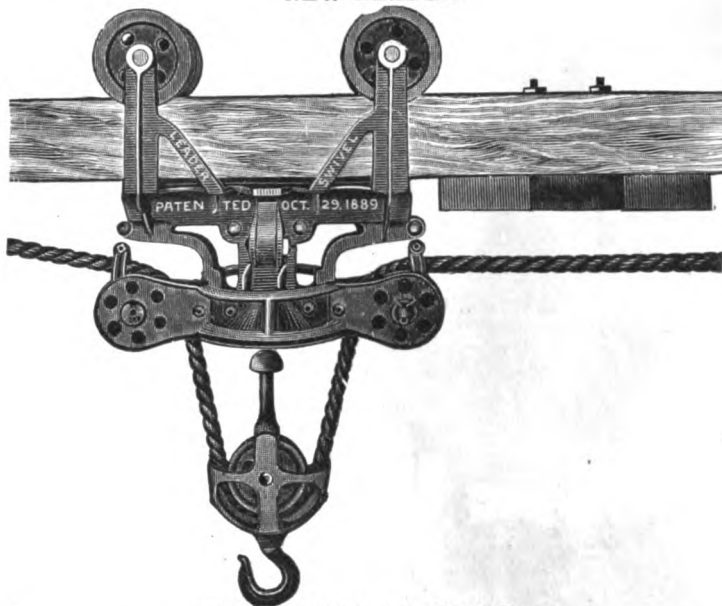
MILWAUKEE IMPROVED



Double Swivel, for Wood Track. Each

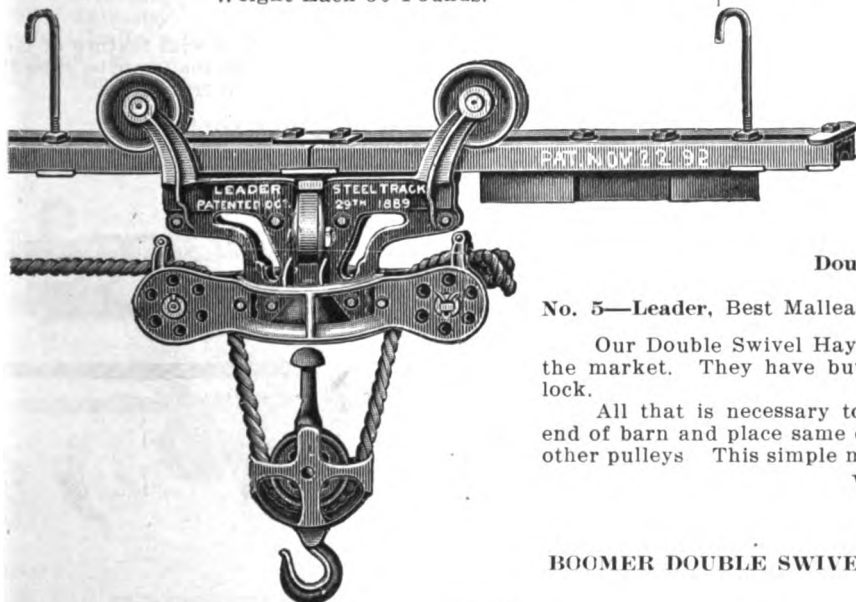
No. 2—Milwaukee Improved, Best Malleable Iron, Two Piece Positive Lock, for 4x4 inch Wood Track.....\$7.00
Weight Each 30 Pounds.

NEW LEADER



Double Swivel, for Wood Track. Each

No. 8—New Leader, Best Malleable Iron, Two Piece Positive Lock, for 4x4 inch Wood Track.....\$7.00
Weight Each 32 Pounds.



LEADER.

Double Swivel, for Steel Track. Each

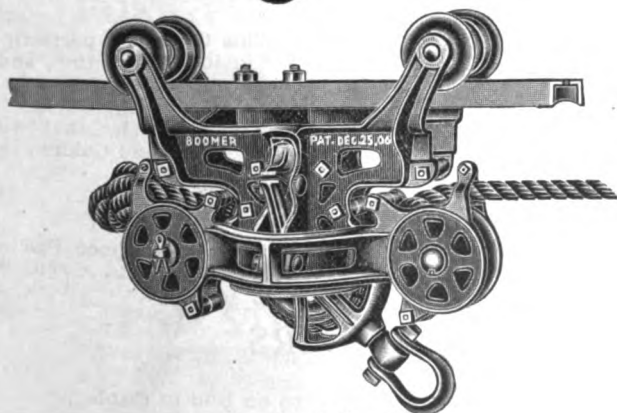
No. 5—Leader, Best Malleable Iron, Two Piece Positive Lock.....\$7.00

Our Double Swivel Hay Carriers are the best working Carriers placed upon the market. They have but two pieces in the lock, which makes it a positive lock.

All that is necessary to work it either way is to take off the pulley from end of barn and place same on opposite end of barn. Do not unstring rope from other pulleys. This simple method saves annoyance and time.

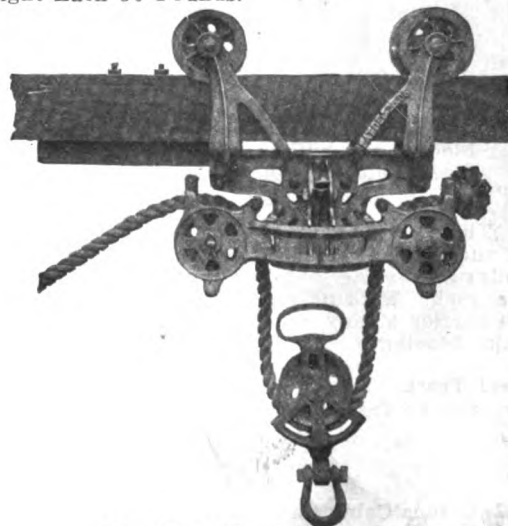
Weight Each 30 Pounds.

BOOMER DOUBLE SWIVEL.



For Steel Track. Each

No. 1—Boomer Double Swivel, High Grade Malleable Iron, Large Mouth Pattern.....\$6.00
Weight Each 34 Pounds.



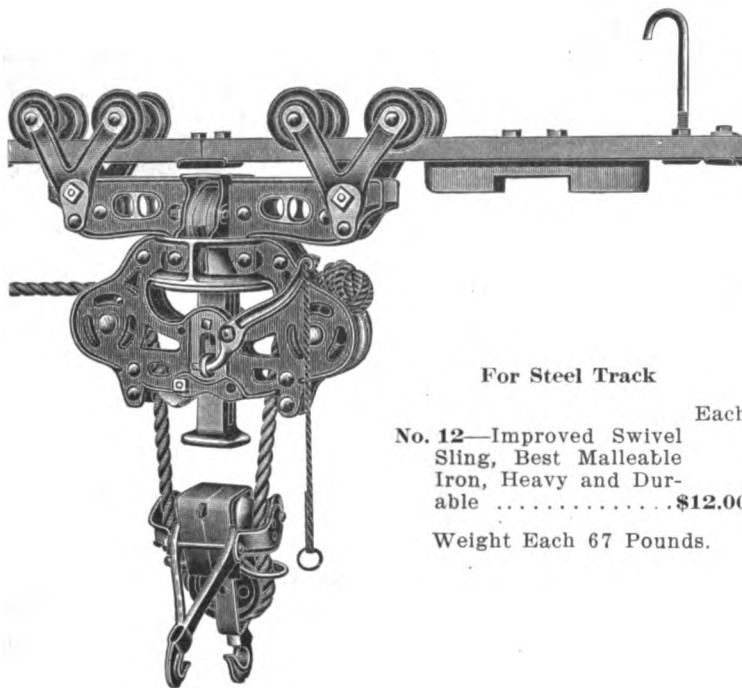
For Wood Track. Each

No. 2B—Boomer Double Swivel, High Grade Malleable Iron, Large Mouth Pattern, for 4x4 inch Wood Track.....\$6.00
Weight Each 37 Pounds.

These Carriers are of the large mouth pattern, the fork pulley having the swivel clevis and swinging yoke which allows the malleable iron links to pass well up into the car, where it is grasped by the dogs and firmly held. These features do away with any friction, or twisting strain on any part of the carrier, and allow the operator to fill the barn to the highest point possible. The sheaves being large will carry any size rope up to one inch.

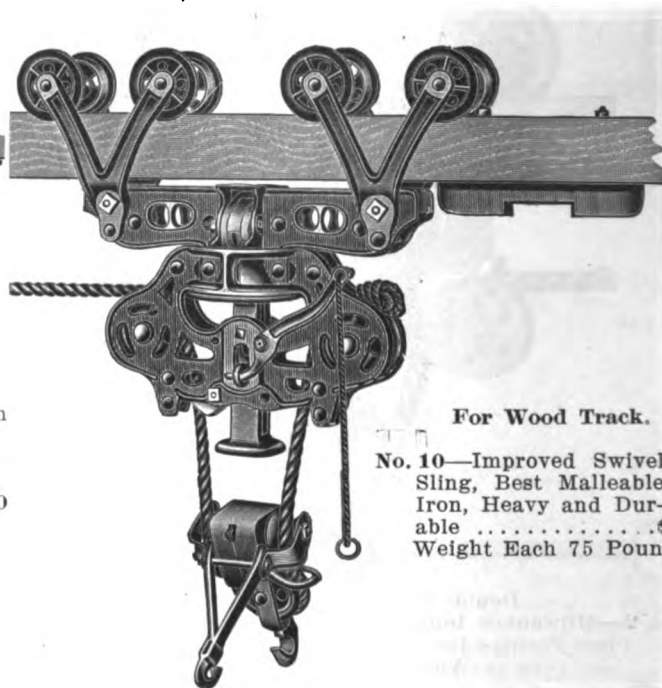
HAY CARRIERS

IMPROVED SWIVEL SLING



For Steel Track

No. 12—Improved Swivel Sling, Best Malleable Iron, Heavy and Durable \$12.00
Weight Each 67 Pounds.

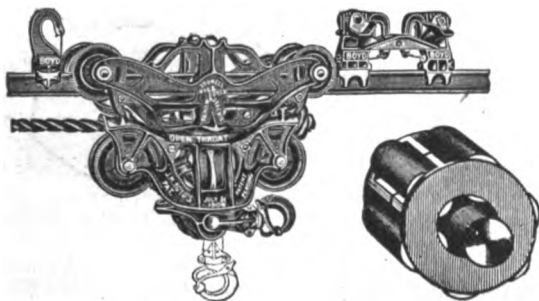


For Wood Track.

No. 10—Improved Swivel Sling, Best Malleable Iron, Heavy and Durable \$12.00
Weight Each 75 Pounds.

These Carriers draw the Hay or Grain up direct as the load stands with no twist in the rope. A special feature of these Carriers is that often when the barn is empty it is not necessary to raise the load up to the track, for the load can be raised to any point desired and tripped, thereby saving not only time, but half the distance or more for the horses to travel.

BOYD OPEN THROAT.



Cut Shows Patent Anti-Friction Steel Roller Bearings.

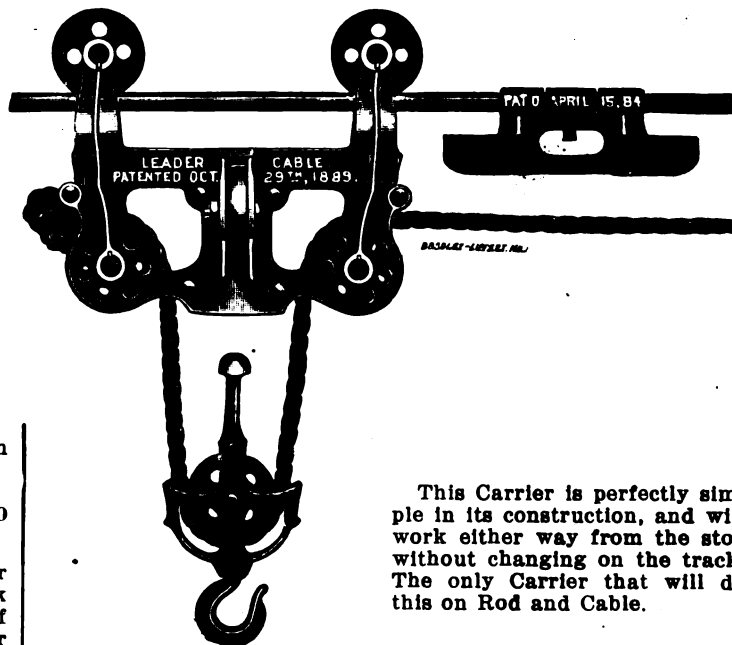
For Steel Track.

No. 20—Boyd Open Throat, Best Malleable Iron, Three Piece Lock without Springs, Patent Anti-Friction Steel Roller Bearings, Aluminum Finished.....\$8.00
Weight Each 40 Pounds.

This Carrier has a wider flare of the throat than any other on the market, measuring 6 inches inside. The jointed fork pulley allows the fork hook to swing up to within 6 inches of the track. Fork pulley has a round top permitting it to enter the carrier at any angle. All rope pulleys are supplied with roller bearings.

Steel Track—For Boyd Open Throat Carrier, in 5, 10 and 15 feet Lengths \$0.22 Per Foot

LEADER ROD OR CABLE



For Rod or Cable.

No. 14—Leader, Best Malleable Iron, Two Piece Positive Lock, Strong and Durable.....\$7.50
Weight Each 23 Pounds.

This Carrier is perfectly simple in its construction, and will work either way from the stop without changing on the track. The only Carrier that will do this on Rod and Cable.

STACKING OUTFIT FOR CABLE CARRIERS

FOR A 50 FOOT STACK.

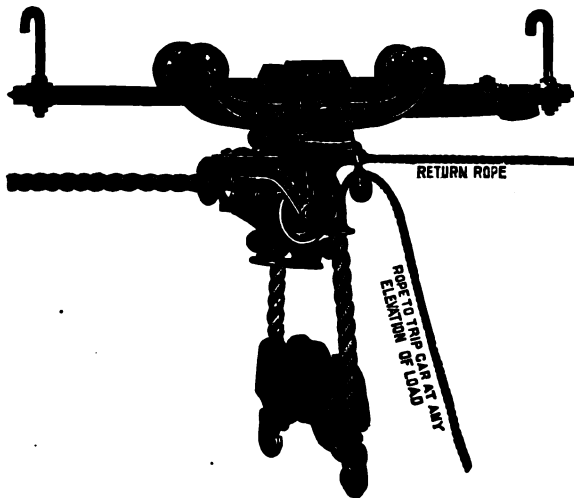
- | | |
|--|--|
| 1 Leader Cable Carrier. | 2 Pair Clamps to Make Loops on End of Cable. |
| 1 Hay Fork. | 2 Hay Fork Pulleys. |
| 150 Feet ½ Inch Galvanized Wire Cable. | 130 Feet or Longer ¾ Inch Manila Rope. |
| 2 Pair Square Collars to Hold Derrick Poles in Position. | 65 Feet ¼ Inch Check Rope for Hay Fork. |

WIRE ROPE

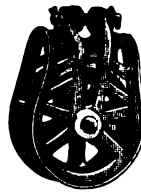
Wire Rope—½ Inch Diameter, Galvanized, for Cable Carrier to Run On, in 150 Foot Coils.....\$0.05 Per Foot

HAY CARRIERS

CLOVER LEAF RIGHT ANGLE SLING ELEVATOR



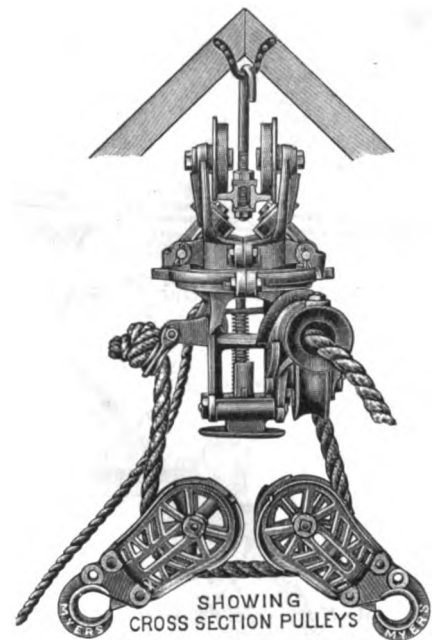
For Double Steel Track.



TRIPLE HOIST ATTACHMENT



Knocker Used on the Clover Leaf Right Angle Fork and Sling Elevator.

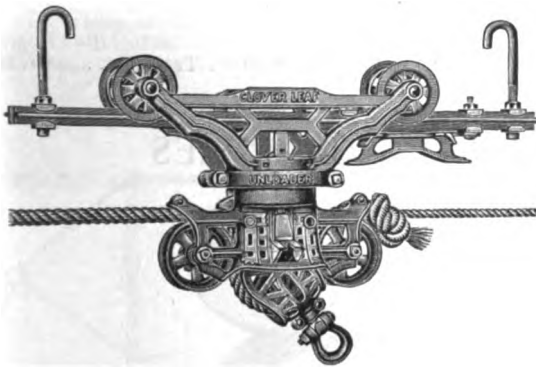


SHOWING CROSS SECTION PULLEYS

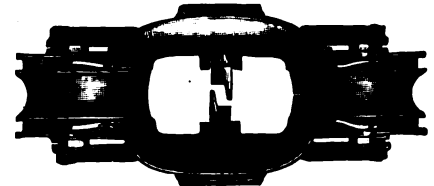
- Each
 No. 70—Malleable Iron Throughout, $\frac{3}{8}$ in. Tinned Steel Axles, Double Hoist, Rope Draft\$14.50
 No. 71—Same as No. 70, but Triple Hoist..... 15.00
 Weight Each 52 Pounds.

Deposits the load in the mow in the right position without the use of right angle pulleys. Reversed by turning the swivel from left to right. Very heavy and of sufficient strength, with a truck operating on an 18 inch wheel base. Operates automatically, and is tripped by the sling pulley striking a plate immediately under the carrier. Also arranged with a separate trip rope by the use of which the load may be carried into the mow at any elevation desired without drawing entirely to top of the barn.

CLOVER LEAF UNLOADER



Track Wheel and Turned Steel Axle



Cut Illustrating Wide Open Mouth.

For Double Steel Track.

Swivel and Reversible, 16 Inch Truck.

- Each
 No. 114—Malleable Iron Throughout, $\frac{3}{8}$ inch Turned Steel Axles, Swinging Fork Pulley, Wide Open Mouth, Rope Draft.....\$8.50
 Weight Each 28 Pounds.

Heavy and substantially made. Fitted with wide open mouth to receive fork pulley when approaching in any direction. Also has swinging fork pulley which relieves the carrier from all strain when drawing hay over a high beam or into a well filled mow.

FORK PULLEYS



For No. 114 Unloader.

- Each
 No. FP—Malleable Iron, for No. 114 Clover Leaf Unloader.....\$1.00

END STOPS



For Myers' Double Steel Track.

MYERS' DOUBLE STEEL TRACK



- Per Foot
 No. 824—Track Complete with Joint Clamps and Bolts, (Hanging Hooks Extra), for Nos. 70, 71 and 114 Carriers\$0.24

two T rails together, held by the clamps and hanging hooks. Clamp is composed of two pieces of malleable iron and three $\frac{1}{2}$ inch bolts. Hanging hooks are $\frac{1}{2}$ inch in width. Malleable iron clamps and lock nuts.

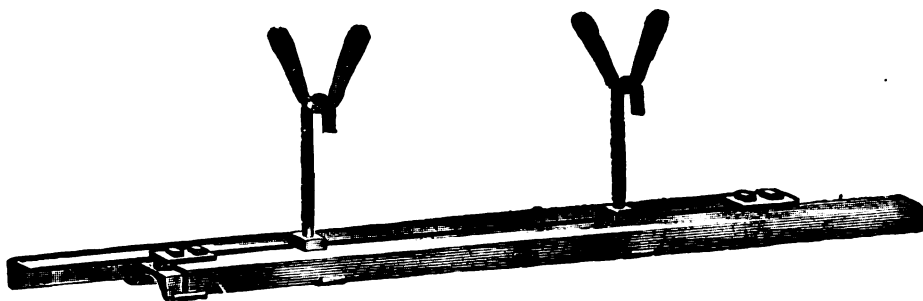
HANGING HOOKS

- Per Dozen
 No. 802—6x $\frac{1}{2}$ inches, for No. 824 Double Steel Track, Complete with Malleable Iron Clamp and Lock Nuts.....\$1.70



- Per Dozen
 No. 1042—Malleable Iron, for Nos. 70 and 71 Elevators and No. 114 Unloader...\$1.00

HAY CARRIER TRACK



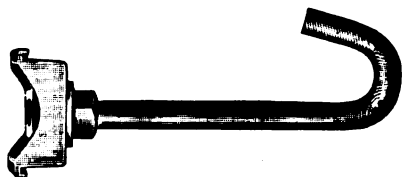
ANGLE STEEL

Per Foot
 Angle Steel Track—For Nos. 1, 5 and
 12 Hay Carriers, with Patent
 Couplings and Bolts (without
 Hanging Hooks)\$0.20
 In 10 Foot Lengths.

Per Dozen
 Extra Couplings — Complete with
 Bolts, for Angle Steel Track...\$1.00

The Best and Most Durable Steel Track on the Market. It has the widest and strongest part of the rail under the wheels.

HANGING HOOKS



For Angle Steel Track.

Double Nut—Wrought Iron, for Angle Steel Track.....\$1.60

Per Dozen



1/2 inch Wrought Iron, for Wood Track.

Nos.	14	16	18
Length Before Being Bent, In.	14	16	18
Per Dozen	\$1.20	1.40	1.60

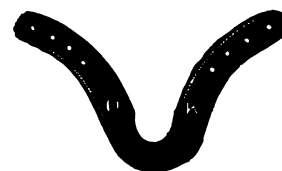
FLOOR HOOKS



Wrought Iron.

Nos.	1	2
Diameter, Inches	5/8	3/4
Per Dozen	\$1.40	1.80

RAFTER BRACKETS



Per Dozen

No. 3R—Malleable Iron, for Wood or Steel Track.....\$0.70

ROPE HITCHES



Per Dozen

No. 5H—Malleable Iron, with Swivel.....\$3.50

RAFTER GRAPPLES



Per Dozen

No. 4—Best Spring Steel, Heavy Chain.....\$10.00

FORK OR TRIP PULLEYS



For Leader Carrier.

No. 5—For Leader Carriers, with Knob.....	\$1.20
No. 6—For Milwaukee Carriers, with Loop.....	1.20
No. 7—For Boomer Carrier, with Loop.....	1.20

Note—When Ordering, State Kind of Carrier.

STOP OR TRIP BLOCKS

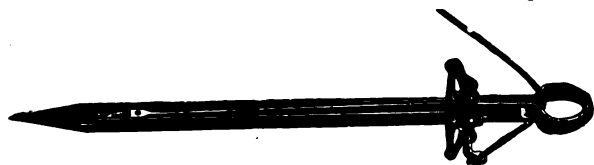


Each

No. 3—For No. 2 Milwaukee Improved Double Swivel Wood Track Carrier.....	\$0.35
No. 23—For No. 8 New Leader Double Swivel Wood Track and No. 7B Boomer Wood Track Carrier....	.65
No. 12—For No. 5 Leader Double Swivel Steel Track Carrier .....	.65
No. 12B—For No. 1 Boomer Steel Track Carrier.....	.65
No. 12 1/2—For No. 12 Swivel Sling Steel Track Carrier.	.65
No. 11 1/2—For No. 10 Swivel Sling Wood Track Carrier.	.50
No. 279 —For No. 14 Leader Rod or Cable Carrier....	.85

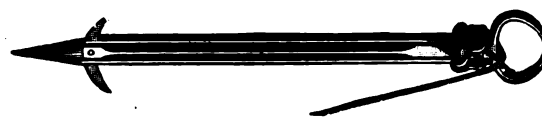
HARPOON HAY FORKS

SINGLE



Closed.

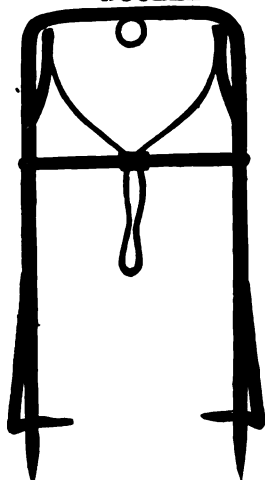
No. 2—Milwaukee Single, Best Quality Iron and Steel, Average Weight Each 11 Lbs. Each \$3.00



Opened.

HARPOON HAY FORKS

DOUBLE



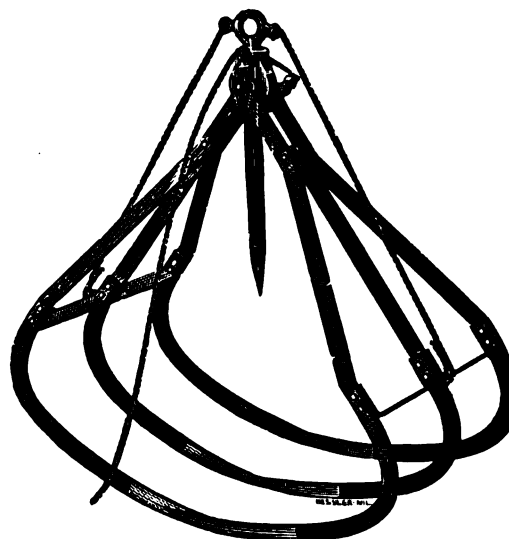
Nos. 1 and 01.

Spring Steel, Japanned.

	Each
No. 1—Short Head, 25 inch Tines, Average Weight Each 16 Lbs.	\$1.75
No. 01—Extra Heavy, Short Head, 25 inch Tines, Average Weight Each 18 Lbs.	2.00
No. 1 1/4—Harris, 31 inch Tines, Average Weight Each 18 Lbs.	2.50
No. 32—Alfalfa, 32 inch Tines, Extra Heavy, Weight Each 23 Lbs.	3.75

GRAPPLE HAY FORKS

MILWAUKEE

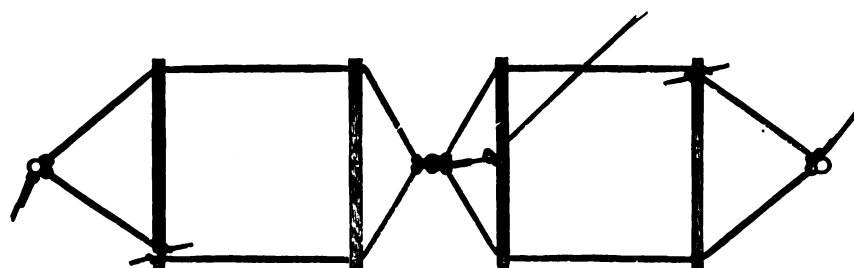


No. 6F.

Best Quality Spring Steel, Japanned.

	Each
No. 4F—4 Tines, Average Weight Each 40 Lbs.	\$7.00
No. 6F—6 Tines, Average Weight Each 48 Lbs.	8.50

WAGON HAY SLINGS



No. 4.

Standard.

	Each
No. 5—5 foot Cross Bars, with Extra Center Ropes, Center Trip, Complete with Ropes and Irons, Average Weight Each 25 Lbs.	\$4.25
No. 6—6 foot Cross Bars, Otherwise Same as No. 5.	4.75

Adjustable to Any Size Hay Rack.

Extra Trip Locks—For Wagon Slings

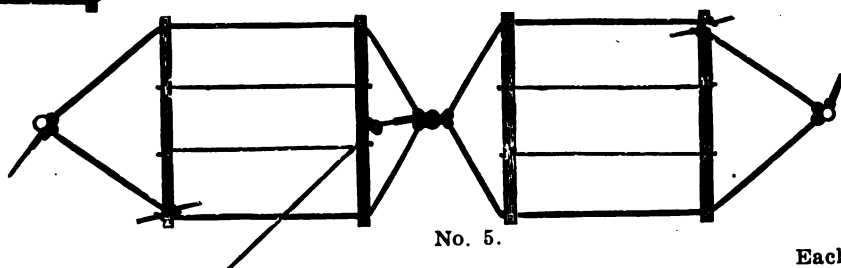


Four Spreader.

	Each
No. 4—4 foot Cross Bars, Center Trip, Complete with Ropes and Irons, Average Weight Each 22 Lbs.	\$3.50

Adjustable to Any Size Hay Rack.

For an outfit it requires 1 Sling Pulley and 3 Wagon Slings, so as to take off an entire load in three lots.



No. 5.

Each

SLING PULLEYS

RIGHT ANGLE SELF-LOCKING



	Each	Cut Shows Registering Head as Used for New Boomer Carrier.
No. 7—Self-Locking, for Leader Carrier.	\$3.00	
No. 07—Self-Locking, for Boomer Carrier.	3.00	

Note—When Ordering Sling Pulleys, State for What Kind of Carrier they are Wanted.

By using this Pulley the load is drawn up direct as the load stands, with no twist in the rope.

We recommend this Sling Pulley where there are any right angle or cross draft loads to be elevated.

HAY FORK PULLEYS



No. 16.



No. OK8.



No. OK3.



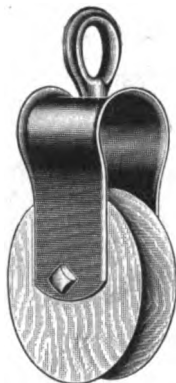
No. OK5.

- No. 16—5 inch Iron Sheave, Iron Frame, Japanned, Swivel Eye, Loose Pin with Spring Key.....\$4.50
 No. OK8—6 inch Maple Sheave, One Piece Malleable Iron Frame, Large Malleable Iron Swivel Eye, Large Loose Hollow Pin..... 4.50

- No. OK3—6 inch Maple Sheave, Malleable Iron Frame, Made in Two Parts Riveted Together, Inside Flange to Prevent Cutting Rope, Large Loose Hollow Pin, Self-Oiler, Swivel Eye.....\$5.50
 No. OK5—Knot Passing, 6 inch Maple Sheave, Heavy Malleable Iron Frame, Made in Two Parts Riveted Together, Inside Flange to Prevent Cutting Rope, Large Loose Hollow Pin, Self-Oiler Swivel Eye.... 6.00

FAULTLESS KNOT PASSING

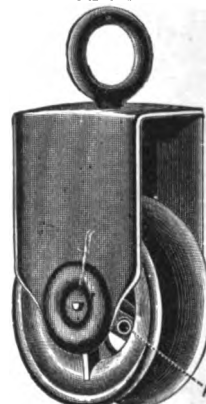
O. K.



- No. 100—Faultless, Knot Passing, 6 inch Wood Sheave, Solid Steel Frame, 3 inch Yoke\$5.50



- No. 111—O. K., 5 inch Sheave, Best Maple Frame and Sheave, Wrought Iron Yoke, Malleable Iron Eye and Swivel\$5.00



- No. 90—Hartz, Heavy Steel Frame, Wrought Iron Swivel Eye, 4 1/2 x 1 1/2 inch Iron Sheave, 1 1/4 inch Mortise, Solid Axle, Self-Oiling, Letter (A) in Cut Shows Oil Chamber\$6.50

ANTI-FRICTION

Malleable Iron Shell, Iron Sheave, Steel Roller Bushings, Turned Steel Pins, Japanned.



No. 1.
Style of No. 12.



- No. 1—5 inch Sheave, Swivel Ring, for Rope, Weight Per Dozen 72 Lbs.\$14.00
 No. 12—8 inch Sheave, Swivel Ring, for Wire Cable, Weight Per Dozen 120 Lbs. 24.00
 No. 13—8 inch Sheaves, Swivel Hook, for Wire Cable, Weight Per Dozen 126 Lbs. 24.00

WOOD SHEAVES

Hard Maple, Boiled in Oil.

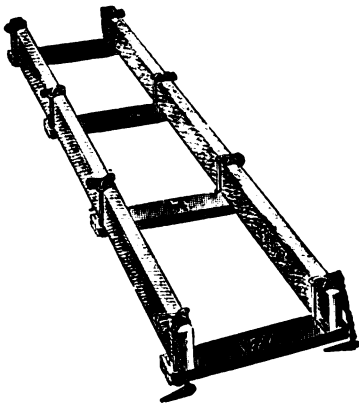
- No. 1—6 inch, for All Pulleys.....\$3.00
 No. 2—5 inch, for No. 111 Pulleys..... 3.00



No. 13.

HAY RACK CLAMPS

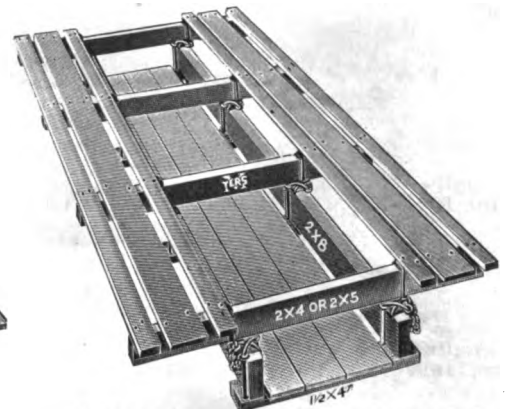
MYER'S TAKE-DOWN



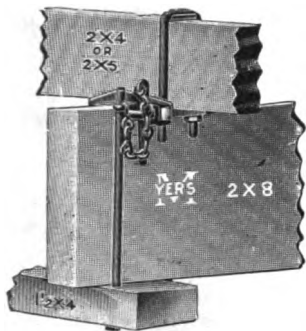
Beds Sills—After the Top part has been removed, can be used for many other purposes.



Top Part of the Ladder—One man can put it on or remove it from the wagon.



Ladder Complete—Can be taken apart by removing two pins.

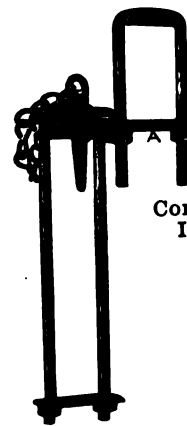


The Timbers Clamped Together.

A Perfect Clamp, No Holes in Timbers to Rot or Weaken Them.

One man can put it on or remove it from the wagon.

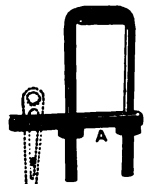
Special Features—The hay rack or ladder can be taken apart by removing two pins, which enables the user to place the rack on the wagon or remove it in two sections and without assistance. An entirely new departure from any thing now on the market.



Complete Iron.



Lower Half of Clamp.



Clamp that Attaches the Top Section to Sills by a Steel Bar.

Made Entirely of Steel and Malleable Iron.

No. 6—For 8 inch Sill and 4 or 5 inch Cross Timber, Weight Per Dozen Sets 192 Lbs. \$29.00
No. 7—For 10 inch Sill and 6 inch Cross Timber, Weight Per Dozen Sets 240 Lbs. 32.00
One Set in a Box.

Per Dozen Sets

WENZELMANN PATENT FIXTURES

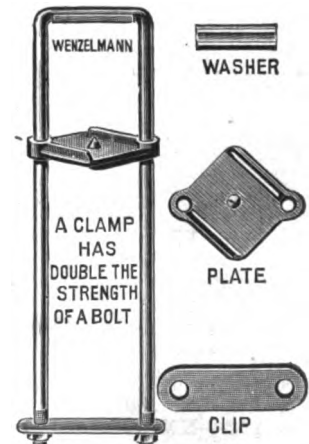
The modern way of building Hay Rocks. By using the Wenzelmann Hay Rack Fixtures the boring of holes in the timbers is not necessary. By their use the full strength of the timbers is retained and does away with the holes, which simply collect water and hasten decay.

It requires a very short time to build a rack with the use of these fixtures. A wrench and saw is about all the tools required.

Made Entirely of Steel and Malleable Iron.
Set Consists of 8 Clamps and Fixtures.

Per Dozen Sets
No. 1—14 inch to Clamp 2x4, 2x8, 2x4 inch, Weight
Per Dozen Sets 204 Lbs. \$20.00
No. 2—16 inch to Clamp 2x6, 2x8, 2x4 inch, Weight
Per Dozen Sets 222 Lbs. 21.50
No. 3—18 inch to Clamp 2x6, 2x10, 2x4 inch, Weight
Per Dozen Sets 252 Lbs. 23.00

One Set in a Box.



A CLAMP HAS DOUBLE THE STRENGTH OF A BOLT

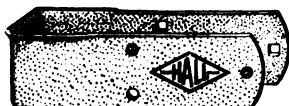
WASHER

PLATE

CLIP

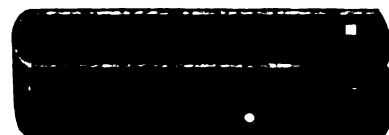
HAY RACK LOOPS

HALL'S SQUARE



Designed to Bolt on to
Ends of Cross Timber of Hay
Racks, to Hold Side Stakes.

STOWELL'S



Wrought Steel. Per Set of 8
No. G10—8 1/2 inches Long, 1 3/4 x 4 inches Inside, 3/8 inch
Bolt Holes, without Bolts. \$1.50
Weight Per Set 10 1/2 Pounds.
One Set in a Box.

Wrought Steel. Per Set of 8
No. 20—8 1/2 inches Long, 1 3/4 x 2 inches Inside, 3/8 inch
Bolt Holes, without Bolts. \$1.20
Weight Per Set 10 1/2 Pounds.
One Set in a Box.

IMPLEMENT HANDLES

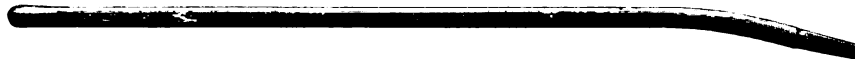
All Our XX Handles are Waxed Finish, Each Handle in a Paper Tube and Two Dozen in a Bundle.

HAY FORK



Straight, Bored and Chucked.

Ash.						Selected Ash.					
Length, Feet.....	4	4½	5	5½	6	Length, Feet.....	4	4½	5	5½	6
No. 100—X... Per Dozen,	\$2.50	2.90	3.40	4.00	5.30	No. 101—XX.. Per Dozen,	\$4.00	4.30	5.20	6.40	8.00



Bent, Bored and Chucked.

Ash.						Selected Ash.					
Length, Feet.....	4	4½	5	5½	6	Length, Feet.....	4	4½	5	5½	6
No. 102—X.... Per Dozen,	\$3.00	3.50	4.00	4.80	6.20	No. 103—XX.. Per Dozen,	\$4.50	4.80	6.00	7.00	8.70



Bent, with Strap Ferrule and Cap.

Ash.			Selected Ash.			
Length, Feet	4	4½	5	Length, Feet	4	4½
No. 104—X..... Per Dozen,	\$5.70	6.30	7.00	No. 105—XX..... Per Dozen,	\$7.20	7.60

MANURE FORK



Bent, Bored and Chucked.

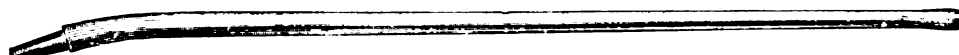
Ash.			Selected Ash.		
Length, Feet	4	4½	Length, Feet	4	4½
No. 106—X.... Per Dozen,	\$3.20	3.50	No. 107—XX..... Per Dozen,	\$4.50	4.80



Bent, with Strap Ferrule and Cap.

Ash.			Selected Ash.		
Length, Feet	4	4½	Length, Feet	4	4½
No. 108—X.... Per Dozen,	\$5.70	6.50	No. 109—XX..... Per Dozen,	\$7.20	7.60

BARLEY FORK

Bent, Bored and Chucked.
Selected Ash.

Length, Feet	4½	5
No. 110—XX..... Per Dozen,	\$4.80	6.00

MANURE HOOK



Straight, Bored and Chucked.

No. 111—X, Ash, 5½ feet.....	Per Dozen	\$4.30
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GARDEN AND LAWN RAKE



GARDEN			LAWN		
Length, Feet	6	Length, Feet	5½		
No. 112—X, Ash	Per Dozen,	\$4.90	No. 114—X	Per Dozen,	\$3.70
No. 113—XX, Selected Ash.....	Per Dozen,	7.00	No. 115—XX	Per Dozen,	5.60

HOE



GARDEN			MORTAR		
Length, Feet	4½	Length, Feet	6		
No. 116—X, Ash	Per Dozen,	\$2.70	No. 118—X, Ash	Per Dozen,	\$5.30
No. 117—XX, Selected Ash.....	Per Dozen,	3.70			

SCHWEHR'S GERMAN HOE



No. 120—X, Selected Quality, 4½ feet.....	Per Dozen	\$3.50
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All Above, Two Dozen in a Bundle.

IMPLEMENT HANDLES

MALLEABLE D MANURE FORK



Bent, Bored and Chucked.

- No. 200—X, Good Quality and Finish.....\$5.50
 No. 201—XX, Selected Quality and Finish..... 6.50
 Weight Per Dozen About 24 Pounds.

MALLEABLE D SPADING FORK



Bent, Bored and Chucked.

- No. 202—X, Good Quality and Finish.....\$5.50
 No. 203—XX, Selected Quality and Finish..... 6.50
 Weight Per Dozen About 25 Pounds.

MALLEABLE D BARLEY FORK



Bent, Bored and Chucked.

- No. 204—XX, Selected Quality and Finish.....\$6.50
 Weight Per Dozen About 26 Pounds.

MALLEABLE D SPADING FORK



Bent, with Strap Ferrule and Cap.

- No. 205—XX, Selected Quality and Finish.....\$10.00
 Weight Per Dozen About 27 Pounds.

MALLEABLE D POTATO SCOOP



No. 206.

Heavy Bent, with Strap Ferrule and Cap.

- No. 206—XX, Selected Quality and Finish.....\$10.50

Heavy Bent, with Plain Ferrule and Cap.

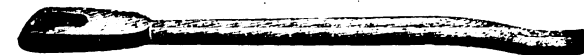
- No. 207—XXP, Selected Quality and Finish.....\$7.00
 Weight Per Dozen About 27 Pounds.

WOOD D SPADE



Bent, Riveted D.

- No. 208—X, Good Quality and Finish.....\$5.75
 No. 209—XX, Selected Quality and Finish..... 7.00



Badger Spade, Bent, Riveted D.

- No. 210—XX, Selected Quality and Finish.....\$7.50



Ditching Spade, Bent Riveted D.

- No. 211—XX, Selected Quality and Finish.....\$7.00



Black Diamond Spade, Riveted D.

- No. 212—XX BD, Selected Quality and Finish.....\$5.50
 Weight Per Dozen About 23 Pounds.
 All Above, One-half Dozen in a Bundle.

WOOD D MANURE FORK



Bent, Bored and Chucked, Riveted D.

- No. 213—X, Good Quality and Finish.....\$5.75
 No. 214—XX, Selected Quality and Finish..... 6.75
 Weight Per Dozen About 24 Pounds.

WOOD D SPADING FORK



Bent, Bored and Chucked, Riveted D.

- No. 215—XX, Selected Quality and Finish.....\$6.50
 Weight Per Dozen About 24 Pounds.

WOOD D COKE FORK



Bent, Bored and Chucked, Riveted D.

- No. 216—X, Good Quality and Finish.....\$6.00
 Weight Per Dozen About 25 Pounds.

WOOD D SHOVEL



Double Bend, Riveted D.

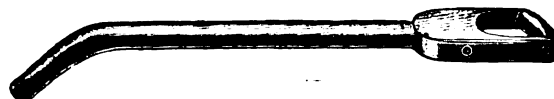
- No. 217—X, Good Quality and Finish.....\$6.00
 No. 218—XX, Selected Quality and Finish..... 7.25
 Weight Per Dozen About 25 Pounds.



Chisholm Pattern, Bent, Riveted D.

- No. 219—X, Good Quality and Finish.....\$6.00
 No. 220—XX, Selected Quality and Finish..... 7.25
 Weight Per Dozen About 24 Pounds.

WOOD D SCOOP



Bent, Riveted D.

- No. 221—X, Good Quality and Finish.....\$6.00
 No. 222—XX, Selected Quality and Finish..... 7.00
 Weight Per Dozen About 25 Pounds.



Chisholm Pattern, Riveted D.

- No. 223—X, Good Quality and Finish.....\$5.75
 No. 224—XX, Selected Quality and Finish..... 7.00
 Weight Per Dozen About 24 Pounds.

WOOD D TILING SPADE



Bent, with Strap Ferrule and Cap, Riveted D.

- No. 225—XX, Selected Quality and Finish.....\$8.00
 Weight Per Dozen About 26 Pounds.
 All Above, One-half Dozen in a Box.

IMPLEMENT HANDLES

All Our XX Handles are Wax Finished. Each Handle in Paper Tube and Two Dozen in a Bundle.

LONG SPADE



Bent End.

No. 300—X, 4 ½ feet Long, Good Quality and Finish.....	Per Dozen	\$4.30
No. 301—XX, 4 ½ feet Long, Selected Quality and Finish.....		6.00

Weight Per Dozen About 31 Pounds.

LONG SHOVEL



Double Bend.

No. 302—X, 4 ½ feet Long, Good Quality and Finish.....	Per Dozen	\$4.50
No. 304—XX, 4 ½ feet Long, Selected Quality and Finish.....		6.50

Chisholm Pattern, Hollow Back Shovel and Scoop, Bent.

No. 306—X, 4 ½ feet Long, Good Quality and Finish.....	Per Dozen	\$4.50
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Weight Per Dozen About 31 Pounds.

DRAIN CLEANER



Socket Pattern.

No. 308—XX, 6 feet Long, Good Quality and Finish.....	Per Dozen	\$6.00
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LONG BLACK DIAMOND SHOVEL AND SPADE



No. 309—XX, 4 ½ feet Long, Extra Quality and Finish.....	Per Dozen	\$5.50
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Weight Per Dozen About 29 Pounds.

All Above, One-half Dozen in a Bundle.

T HANDLE SPADE



No. 310—Vaterland, T Handle, 34 inches Long, for Vaterland Spades, Selected Quality and Finish.....	Per Dozen	\$7.00
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GERMAN PATTERN SPADE OR SHOVEL



No. 312—X, Wood T, 39 inches Long, Good Quality and Finish.....	Per Dozen	\$6.00
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FORK FERRULES

STRAPPED



No. 14—Strapped Wrought Iron Manure Fork Ferrules.....	Per Dozen	\$2.00
No. 15—Strapped Wrought Iron Hay Fork Ferrules.....		2.00

PLAIN



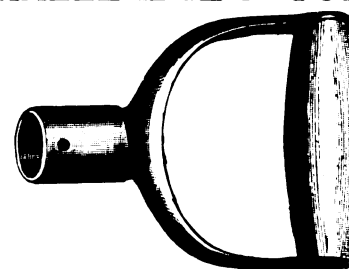
No. 3—Plain Polished Hay Fork Ferrules.....	Per Dozen	\$0.80
No. 4—Plain Polished Manure Fork Ferrules.....		.80
No. 5—Plain Polished Hoe or Rake Ferrules.....		.70

FERRULE CAPS



No. 10—Hoe, Wrought, Inside Diameter ½ inch.....	Per Dozen	\$0.40
No. 20—Hay Fork, Wrought, Inside Diameter ½ inch.....		.40
No. 30—Manure Fork, Wrought, Inside Diameter 1 inch.....		.40

MALLEABLE D TOPS

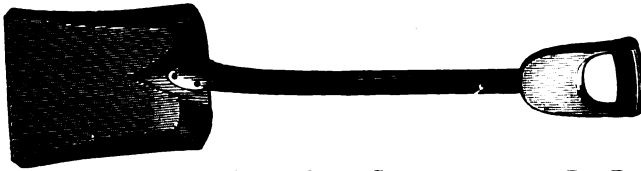


No. 1—Malleable Iron D Heads, Wood Grip.....	Per Dozen	\$1.50
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SHOVELS

D HANDLE SQUARE POINT

MOON'S



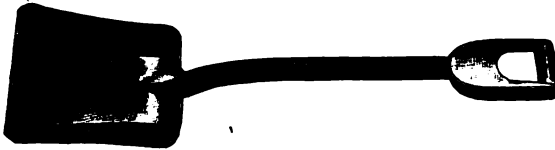
Riveted Back Strap. Per Dozen
No. 102—(Size 2) 9½x12 inch Blade, Full Polished...\$12.00
Weight Per Dozen 50 Pounds.

TRIUMPH



Hollow Back, Socket. Per Dozen
No. 202—(Size 2) 9½x12 inch Blade, Solid Steel, Full Polished...\$12.00
Weight Per Dozen 54 Pounds.

KNOX-ALL



Plain Back, Narrow Strap. Per Dozen
No. 302—(Size 2) 9½x11½ inch Blade, Solid Steel, Full Polished, Spade Lift Handle...\$12.50
Weight Per Dozen 52 Pounds.

TREMONT



Plain Back, Narrow Strap. Per Dozen
No. 402—(Size 2) 9½x12 inch Blade, Solid Cast Steel, Full Polished...\$12.50
Weight Per Dozen 52 Pounds.

HAVEN'S



Plain Back, Narrow Strap, Solid Cast Steel, Full Polished.
X Grade Handles. Per Dozen
No. 502—(Size 2) 9½x12 inch Blade, Weight Per Dozen 52 Lbs...\$13.50
No. 505—(Size 5) 11x13 inch Blade, Weight Per Dozen 63 Lbs... 16.00

LORENZO



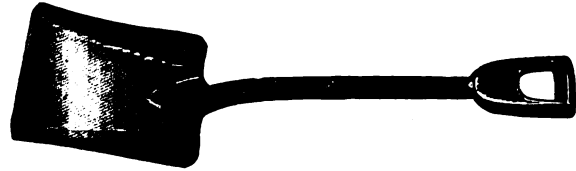
Plain Back, Socket Strap, Solid Cast Steel, Full Polished.
X Grade Handles. Per Dozen
No. 602—(Size 2) 9½x12 inch Blade, Weight Per Dozen 55 Lbs...\$15.50
No. 603—(Size 3) 10x12½ inch Blade, Weight Per Dozen 60 Lbs... 16.50

STUART'S

Plain Back, Socket Strap. Per Dozen
No. 702—(Size 2) 9½x12 inch Blade, Crucible Steel, Full Polished, Weight Per Dozen 55 Lbs...\$18.00

All Above, One-half Dozen in a Bundle.

WISCONSIN FARMER



Plain Back, Socket Strap, Best Crucible Steel, Full Polished. Per Dozen
No. 802—(Size 2) 9½x12 inch Blade, Weight Per Dozen 62 Lbs., XX Grade Handle...\$20.00
Wisconsin Farmer Shovels are made of crucible steel, warranted to contain 70 to 80 per cent carbon. We recommend this shovel. Especially adapted for railroad and hard use.

NONPAREIL

Plain Back, Railroad Socket Strap. Per Dozen
No. 902—(Size 2) 9½x12 inch Blade, Jessop's Crucible Steel, Blue Tempered, Contains 75 Per Cent Carbon, a First-Class Railroad Shovel...\$21.00
Weight Per Dozen 66 Pounds.

OLIVER AMES



Plain Back, Narrow Strap. Per Dozen
No. 1102—(Size 2) 9½x12 inch Blade, Solid Crucible Cast Steel, Full Polished...\$25.00
Weight Per Dozen 64 Pounds.

CARTER'S

Plain Back, Narrow Strap. Per Dozen
No. 1002—(Size 2) 9½x12 inch Blade, Solid Cast Steel, Full Polished...\$21.00
Weight Per Dozen 58 Pounds.

BLACK DIAMOND



Plain Back, Solid Socket. Per Dozen
No. 1202—(Size 2) 9½x12 inch Blade, Extra Crucible Steel, Sharpened and Polished, XX Grade Handle...\$20.00
Weight Per Dozen 72 Pounds.

CEMENT OR CONCRETE



Extra Heavy, Hollow Back Socket. Per Dozen
No. 1404—(Size 4) 10½x13 inch Blade, Solid Cast Steel, Black...\$16.00
Weight Per Dozen 66 Pounds.

BRICK OR SEWER
AMES

Plain Back, Narrow Strap, Riveted. Per Dozen
No. 1602—(Size 2) 9½x10½ inch Blade, Solid Crucible Cast Steel, Extra Heavy, Black...\$24.00
Average Weight Per Dozen 60 Pounds.

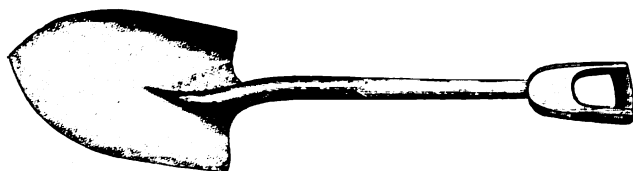
BLUFF CITY

Plain Back, Narrow Strap, Riveted. Per Dozen
No. 1502—(Size 2) 8¾x10½ inch Blade, Solid Steel, Extra Heavy, Black...\$17.00
Weight Per Dozen 80 Pounds.

SHOVELS

D HANDLE, ROUND POINT

TRIUMPH



Hollow Back, Socket.

No. 212—(Size 2) 9 1/4 x 13 inch Blade, Solid Steel, Full Polished \$12.00
 Weight Per Dozen 55 Pounds.

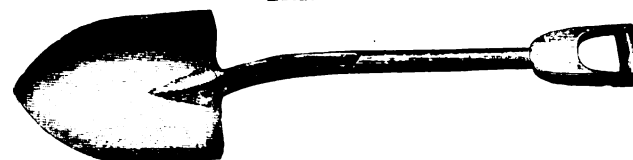
KNOX-ALL



Plain Back, Narrow Strap.

No. 312—(Size 2) 9 1/4 x 13 inch Blade, Solid Steel, Full Polished, Spade Lift Handle \$12.50
 Weight Per Dozen 52 Pounds.

TREMONT



Plain Back, Narrow Strap.

No. 412—(Size 2) 9 1/4 x 13 inch Blade, Solid Cast Steel, Full Polished \$12.50
 Weight Per Dozen 52 Pounds.

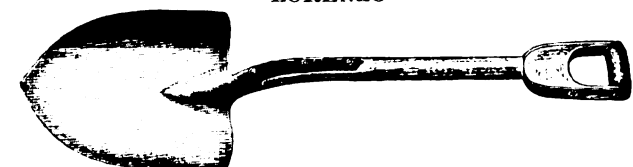
HAVEN'S



Plain Back, Narrow Strap.

No. 512—(Size 2) 9 1/4 x 13 inch Blade, Solid Cast Steel, Full Polished, X Grade Handle \$13.50
 Weight Per Dozen 52 Pounds.

LORENZO



Plain Back, Socket Strap, Solid Cast Steel, Full Polished.
 X Grade Handle.

No. 612—(Size 2) 9 1/4 x 13 inch Blade, Weight Per Dozen 58 Lbs. \$15.50
 No. 613—(Size 3) 9 1/2 x 13 1/2 inch Blade, Weight Per Dozen 64 Lbs. 16.50
 All Above, One-half Doze, in a Bundle.

WISCONSIN FARMER



Plain Back, Socket Strap.

No. 812—(Size 2) 9 1/4 x 13 inch Blade, Best Crucible Steel, Full Polished, XX Grade Handle \$20.00
 Weight Per Dozen 62 Pounds.

Wisconsin Farmer Shovels are made of crucible Steel, warranted to contain 70 to 80 per cent of carbon. We recommend these shovels for hard work.

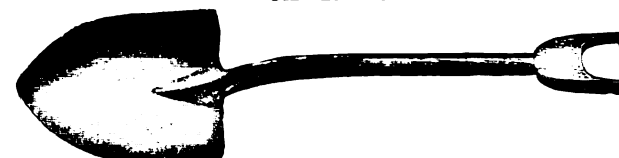
NONPAREIL



Plain Back, Socket Strap.

No. 912—(Size 2) 9 1/4 x 13 inch Blade, Jessop's Crucible Steel, Blue Tempered, Contains 75 Per Cent Carbon \$21.00
 Weight Per Dozen 66 Pounds.

CARTER'S



Plain Back, Narrow Strap.

No. 1012—(Size 2) 9 1/4 x 13 inch Blade, Solid Cast Steel, Full Polished \$22.50
 Weight Per Dozen 58 Pounds.

OLIVER AMES



Plain Back, Narrow Strap.

No. 1112—(Size 2) 9 1/4 x 13 inch Blade, Solid Crucible Cast Steel, Full Polished \$27.00
 Weight Per Dozen 62 Pounds.

MOULDERS' D HANDLE
BLAIR'S

Plain Back, Narrow Strap.

No. 22—(Size 2) 10 x 12 inch Blade, Solid Cast Steel, Full Polished \$23.00

PEERLESS

Plain Back, Narrow Strap.

No. 32—(Size 2) 10 x 12 inch Blade, Solid Cast Steel, Full Polished \$14.00
 Weight Per Dozen 60 Pounds.
 All Above, One-half Dozen in a Bundle.

SHOVELS

TREMONT

LONG HANDLE, SQUARE POINT



Plain Back, Narrow Strap.

- No. 422—(Size 2) 9 1/2 x 12 inch Blade, Solid Cast Steel, Full Polished\$12.00
Weight Per Dozen 54 Pounds.

HAVEN'S



Plain Back, Narrow Strap.

- No. 522—(Size 2) 9 1/2 x 12 inch Blade, Solid Cast Steel, Full Polished, X Grade Handle.....\$13.50
Weight Per Dozen 54 Pounds.

LORENZO



Plain Back, Socket Strap.

- No. 622—(Size 2) 9 1/2 x 12 inch Blade, Solid Cast Steel, Full Polished, X Grade Handle.....\$15.50
Weight Per Dozen 58 Pounds.

WISCONSIN FARMER



Plain Back, Socket Strap.

- No. 822—(Size 2) 9 1/2 x 12 inch Blade, Best Crucible Steel, Full Polished, XX Grade Handles.....\$20.00
Weight Per Dozen 60 Pounds.

Wisconsin Farmer Shovels are made of crucible steel, warranted to contain 70 to 80 per cent of carbon.

We recommend this shovel. Especially adapted for railroad and hard use.

CARTER'S



Plain Back, Narrow Strap.

- No. 1022—(Size 2) 9 3/4 x 12 inch Blade, Solid Cast Steel, Full Polished\$25.00
Weight Per Dozen 63 Pounds.

OLIVER AMES



Plain Back, Narrow Strap.

- No. 1122—(Size 2) 9 3/4 x 12 inch Blade, Solid Crucible Cast Steel, Full Polished.....\$25.00
Weight Per Dozen 64 Pounds.

LIME SHOVELS

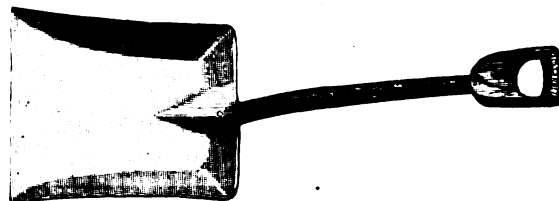
LORENZO, LONG HANDLE



Plain Back, Socket Strap.

- No. 626—(Size 6) 12x14 inch Blade, Solid Cast Steel, Black, 5 1/2 foot X Grade Handle.....\$17.00
Weight Per Dozen 90 Pounds.

LORENZO D HANDLE

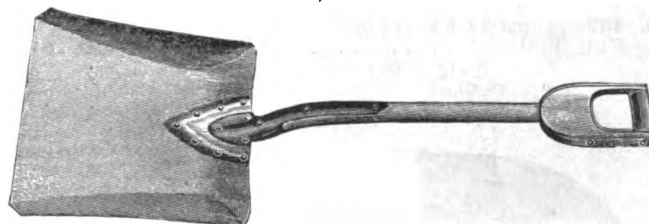


Plain Back, Socket Strap.

- No. 606—(Size 6) 12x14 inch Blade, Solid Cast Steel, Black, X Grade Handle.....\$17.00

COAL SHOVELS

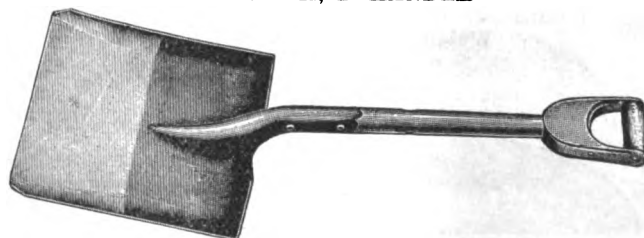
HAVEN'S, D HANDLE



Riveted Back, Socket Strap, Cast Steel, Black, X Grade Handles.

- No. 52—(Size 2) 14 1/4 x 14 1/2 inch Blade, Weight Per Dozen 80 Lbs.....\$15.50
No. 53—(Size 3) 14 1/4 x 15 inch Blade, Weight Per Dozen 88 Lbs..... 16.00

TRIUMPH, D HANDLE



Hollow Back, Socket.

- No. 62—(Size 2) 14x15 inch Blade, Solid Steel, Black.....\$12.50
Weight Per Dozen 85 Pounds.

TRIUMPH, LONG HANDLE

Hollow Back, Socket.

- No. 72—(Size 2) 14x15 inch Blade, Solid Steel, Black.....\$12.00
Weight Per Dozen 86 Pounds.

All Above, One-half Dozen in a Bundle.

SHOVELS

LONG HANDLE, ROUND POINT

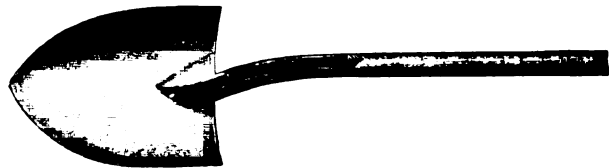
TRIUMPH



Hollow Back, Socket.

No. 232—(Size 2) 9 1/4 x 12 inch Blade, Solid Steel, Full Polished \$12.00
 Weight Per Dozen 55 Pounds.

KNOX-ALL



Plain Back, Narrow Strap.

No. 332—(Size 2) 9 1/4 x 12 inch Blade, Solid Steel, Full Polished, Spade Lift Handle..... \$12.50
 Weight Per Dozen 53 Pounds.

TREMONT



Plain Back, Narrow Strap.

No. 432—(Size 2) 9 1/4 x 12 inch Blade, Solid Cast Steel, Full Polished \$12.50
 Weight Per Dozen 54 Pounds.

HAVEN'S



Plain Back, Narrow Strap.

No. 532—(Size 2) 9 1/4 x 12 inch Blade, Solid Cast Steel, Full Polished, X Grade Handle..... \$13.50
 Weight Per Dozen 54 Pounds.

LORENZO



Plain Back, Socket Strap.

No. 632—(Size 2) 9 1/4 x 12 inch Blade, Solid Cast Steel, Full Polished, X Grade Handle..... \$13.50
 Weight Per Dozen 50 Pounds.
 All Above, One-half Dozen in a Bundle.

WISCONSIN FARMER



Plain Back, Socket Strap.

No. 832—(Size 2) 9 1/2 x 12 inch Blade, Best Crucible Steel, Full Polished, XX Grade Handle..... \$20.00
 Weight Per Dozen 55 Pounds.

Wisconsin Farmer Shovels are made of crucible steel, warranted to contain 70 to 80 per cent carbon.
 We recommend this shovel. Especially adapted for railroad and heavy work.

CARTER'S



Plain Back, Narrow Strap.

No. 1032—(Size 2) 9 3/4 x 12 inch Blade, Solid Cast Steel, Full Polished..... \$21.00
 Weight Per Dozen 58 Pounds.

OLIVER AMES



Plain Back, Narrow Strap.

No. 1132—(Size 2) 9 3/4 x 12 inch Blade, Solid Crucible Cast Steel, Full Polished..... \$25.00
 Weight Per Dozen 63 Pounds.

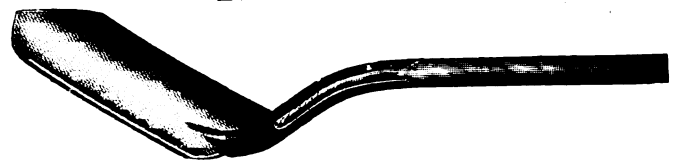
BLACK DIAMOND



Plain Back, Solid Socket.

No. 1232—(Size 2) 9 3/4 x 12 inch Blade Extra, Crucible Steel, Sharpened and Polished, XX Grade Handle... \$20.00
 Weight Per Dozen 72 Pounds.

LORENZO DRAINING



Plain Back, Socket Strap.

No. 632D—(Size 2) 7 x 12 inch Blade, Solid Cast Steel, Thick Center, Full Polished, X Grade Handle..... \$13.50
 Weight Per Dozen 65 Pounds.
 All Above, One-half Dozen in a Bundle.

SPADES

D HANDLE

TRIUMPH



Hollow Back, Socket.

No. 242—(Size 2) $7\frac{1}{4} \times 12$ inch Blade, Solid Steel, Full Polished \$12.00
Weight Per Dozen 56 Pounds.

TREMONT



Plain Back, Narrow Strap.

No. 442—(Size 2) $7\frac{1}{4} \times 11\frac{1}{2}$ inch Blade, Solid Cast Steel, Full Polished..... \$12.50
Weight Per Dozen 55 Pounds.

HAVEN'S



Plain Back, Narrow Strap.

No. 542—(Size 2) $7\frac{1}{4} \times 11\frac{1}{2}$ inch Blade, Solid Cast Steel, Full Polished, X Grade Handle..... \$13.50
Weight Per Dozen 58 Pounds.

LORENZO



Plain Back, Socket Strap.

No. 642—(Size 2) $7\frac{1}{4} \times 11\frac{1}{4}$ inch Blade, Solid Cast Steel, Full Polished, X Grade Handle..... \$15.50
Weight Per Dozen 58 Pounds.

STUART'S



Plain Back, Socket Strap.

No. 742—(Size 2) $7\frac{1}{4} \times 11\frac{1}{4}$ inch Blade, Crucible Steel, Full Polished \$18.00
Weight Per Dozen 64 Pounds.

All Above, One-half Dozen in a Bundle.

WISCONSIN FARMER



Plain Back, Socket Strap.

No. 842—(Size 2) $7\frac{1}{2} \times 11\frac{1}{4}$ inch Blade, Best Crucible Steel, Full Polished, XX Grade Handle..... \$20.00
Weight Per Dozen 64 Pounds.

Wisconsin Farmer Spades are made of crucible steel, warranted to contain 70 to 80 per cent carbon. We recommend these Spades, especially adapted for railroad and hard use.

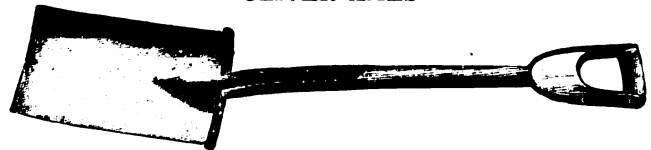
CARTER'S



Plain Back, Narrow Strap.

No. 1042—(Size 2) $7\frac{1}{4} \times 11\frac{1}{4}$ inch Blade, Solid Cast Steel, Full Polished..... \$21.50
Weight Per Dozen 58 Pounds.

OLIVER AMES



Plain Back, Narrow Strap.

No. 1142—(Size 2) $7\frac{1}{4} \times 12$ inch Blade, Solid Crucible Cast Steel, Full Polished..... \$25.50
Weight Per Dozen 64 Pounds.

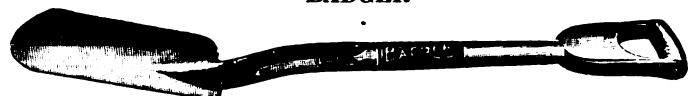
BLACK DIAMOND



Plain Back, Solid Socket.

No. 1242—(Size 2) $7\frac{1}{4} \times 11\frac{1}{4}$ inch Blade, Extra Crucible Steel, Sharpened and Polished, XX Grade Handle \$20.00
Weight Per Dozen 68 Pounds.

BADGER



Plain Back, Socket Strap.

No. 82D—(Size 2) $6\frac{1}{2} \times 12\frac{1}{2}$ inch Blade, Extra Crucible Steel, Thick Center, Full Polished, 34 inch XX Grade Handle \$21.00

Weight Per Dozen 48 Pounds.

All Above, One-half Dozen in a Bundle.

SPADES

VATERLAND, T HANDLE



Plain Back.

- No. 2T—(Size 2) 7 1/4 x 12 inch Blade, Extra Cast Steel, Polished and Sharpened, XX Grade Handle.....\$19.00
Per Dozen
Weight Per Dozen 54 Pounds.

BOYS'



- No. 10—Boys', Blade 5 1/2 x 8 inches, Cast Steel, Square Point, Back Strap, Riveted, Polished.....\$13.00
Per Dozen
One-half Dozen in a Bundle.

VATERLAND, D HANDLE



Plain Back.

- No. 2D—(Size 2) 7 1/4 x 12 inch Blade, Extra Cast Steel, Polished and Sharpened, XX Grade Handle.....\$20.00
Per Dozen
Weight Per Dozen 54 Pounds.

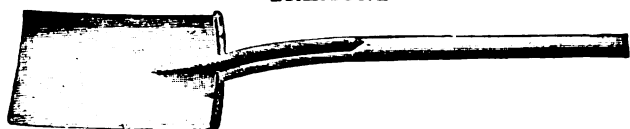
PONEY GARDEN



- No. 7—5 1/2 x 9 1/2 inch Polished Blade, One Piece Pressed Steel, 14 Gauge Steel, Malleable D Handle, Length Over All 39 inches, Weight Per Dozen 25 Lbs.....\$6.50
Per Dozen

LONG HANDLE

TREMONT



Plain Back, Narrow Strap.

- No. 452—(Size 2) 7 1/2 x 12 inch Blade, Solid Cast Steel, Full Polished.....\$12.50
Per Dozen
Weight Per Dozen 56 Pounds.

HAVEN'S



Plain Back, Narrow Strap.

- No. 552—(Size 2) 7 1/2 x 12 inch Blade, Solid Cast Steel, Full Polished, X Grade Handle.....\$13.50
Per Dozen
Weight Per Dozen 58 Pounds.

LORENZO



Plain Back, Socket Strap.

- No. 652—(Size 2) 7 1/2 x 12 inch Blade, Solid Cast Steel, Full Polished, X Grade Handle.....\$15.50
Per Dozen
Weight Per Dozen 60 Pounds.

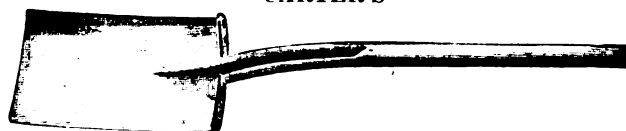
WISCONSIN FARMER



Plain Back, Socket Strap.

- No. 852—(Size 2) 7 1/2 x 12 inch Blade, Best Crucible Steel, Full Polished, XX Grade Handle.....\$20.00
Per Dozen
We recommend this Spade for all hard work. It will stand the test.
Weight Per Dozen 64 Pounds.
One-half Dozen in a Bundle.

CARTER'S



Plain Back, Narrow Strap.

- No. 1052—(Size 2) 7 1/2 x 12 inch Blade, Solid Cast Steel, Full Polished.....\$21.50
Per Dozen
Weight Per Dozen 58 Pounds.

OLIVER AMES



Plain Back, Narrow Strap.

- No. 1152—(Size 2) 7 1/4 x 12 inch Blade, Solid Crucible Cast Steel, Full Polished.....\$25.50
Per Dozen
Weight Per Dozen 64 Pounds.

BLACK DIAMOND



Plain Back, Solid Socket.

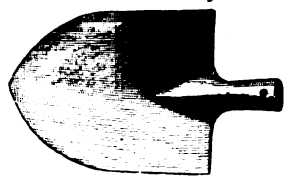
- No. 1252—(Size 2) 7 1/4 x 11 3/4 inch Blade, Extra Crucible Steel, Sharpened and Polished, XX Grade Handle.....\$20.00
Per Dozen
Weight Per Dozen 68 Pounds.

BADGER

Plain Back, Socket Strap.
XX Grade Handle.

- No. 82LH—(Size 2) 6 1/2 x 12 1/2 inch Blade, Extra Crucible Steel, Thick Center, Full Polished.....\$20.00
Per Dozen
Weight Per Dozen 50 Pounds.
One-half Dozen in a Bundle.

GERMAN SHOVELS



Socket, without Handle.

No. 4R—Blade $7\frac{1}{4} \times 10\frac{3}{4}$ inches, Cast Steel, Round Point, Polished, without Handle.....\$6.50
Weight Per Dozen 28 Pounds.

DITCHING SPADES

LORENZO, D HANDLE



Plain Back, Socket Strap, Crucible Steel, Full Polished.

Nos.	14	16	18	20	22
Length of Blade, Inches.	14	16	18	20	22
Width at Top, Inches.	$5\frac{3}{4}$	$5\frac{3}{4}$	$5\frac{3}{4}$	$5\frac{3}{4}$	$5\frac{3}{4}$
Width at Point, Inches.	$6\frac{3}{4}$	$6\frac{3}{4}$	$6\frac{3}{4}$	$6\frac{3}{4}$	$6\frac{3}{4}$
Weight Per Dozen, Lbs.	56	60	64	68	72
Per Dozen	\$19.50	20.00	20.50	21.00	21.50

One-half Dozen in a Bundle.

Lorenzo Shovels and Spades are made from the very best selected material to our specifications. Correct shape, well balanced and beautifully finished.

POST SPADES

LORENZO, D HANDLE



Plain Back, Socket Strap.

No. 100— $5\frac{3}{4} \times 14$ inch Blade, Solid Cast Steel, Full Polished\$19.50
Weight Per Dozen 54 Pounds.
One-half Dozen in a Bundle.

DRAINING SPADES

LORENZO, D HANDLE



Plain Back, Socket Strap, Crucible Steel, Full Polished.

Nos.	114	116	118	120
Length of Blade, Inches.	14	16	18	20
Width at Top, Inches.	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$
Width at Point, Inches.	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$
Weight Per Dozen, Lbs.	55	58	63	66
Per Dozen	\$19.50	20.00	20.50	21.00

AMES, D HANDLE

Plain Back, Narrow Strap.

No. 2A—Blade 18 inches Long, $5\frac{1}{2}$ inches Wide at Shoulder, $4\frac{1}{2}$ inch at Point, Solid Crucible Cast Steel, Full Polished\$30.00
Weight Per Dozen 65 Pounds.
One-half Dozen in a Bundle.

TILING SPADES

BOSS



Boss, Round Point, Forged Steel Blade.

Nos.	218	220
Length of Blade, Inches.	18	20
Width of Blade, Inches.	$4\frac{1}{2}$	$4\frac{1}{2}$
Weight Per Dozen, Lbs.	60	64
Per Dozen	\$42.00	42.00

One-half Dozen in a Bundle.



Boss, Square Point, Forged Steel Blade.

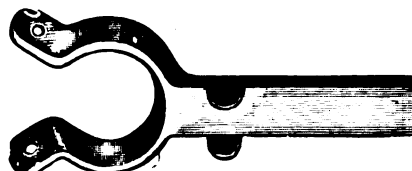
Nos.	318	320	322
Length of Blade, Inches.	18	20	22
Width of Blade, Inches.	$6\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{2}$
Weight Per Dozen, Lbs.	64	67	72
Per Dozen	\$42.00	42.00	42.00

One-half Dozen in a Bundle.

SPADE STEPS



No. 1—Malleable Iron, for Use on Any Ordinary Spade.....\$1.70



No. 2—Malleable, for Use on Boss Tiling Spades.....\$1.50

DRAIN CLEANERS

IWAN'S CHAMPION, STATIONARY



Solid Steel Concaved Blades, Polished, Riveted Norway Iron Shanks, 6 foot Handle.			
Nos.	18	28	38
Blade, Inches	4×15	5×15	6×15
Weight Per Dozen, Lbs.	57	60	61
Per Dozen	\$19.00	19.50	20.00

One-half Dozen in a Bundle.

IWAN'S CHAMPION, ADJUSTABLE



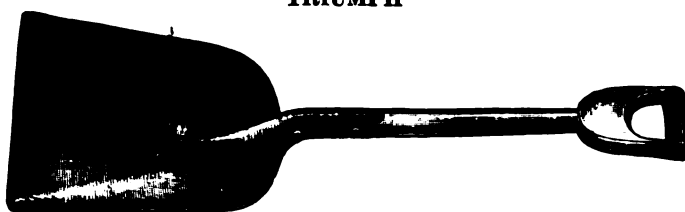
Solid Steel Concaved Blade, Polished, Adjustable Malleable Iron Shank, 6 foot Handle.				
Nos.	1A	2A	3A	4A
Blade, Inches	4x15	5x15	6x15	7x15
Weight Per Dozen, Lbs.	61	65	67	68
Per Dozen	\$14.00	14.00	15.00	16.00
One-half Dozen in a Bundle.				

One-half Dozen in a Bundle.

Extra Handles—6 feet Long, for Iwan's Drain Cleaners.....\$3.00

GRAIN SCOOPS

TRIUMPH



Cast Steel, Hollow Back, Full Polished, D Handle.

Nos.	2T	3T	4T	5T	6T	7T	8T	9T	10T	12T
Width at Mouth, Inches	11	11 1/4	11 1/2	12 1/2	13 1/2	13 1/2	13 3/4	14	14 1/2	15
Length of Blade, Inches	15	15 1/2	16	16 1/2	16 1/2	17	17 1/2	18	18 3/4	19 3/4
Weight Per Dozen, Lbs.	62	66	70	74	82	87	92	95	98	105
Per Dozen	\$13.50	14.00	14.50	15.00	15.50	16.00	16.50	17.00	17.50	18.50

LORENZO



Cast Steel, Socket Strap, Full Polished, D Handle.

Nos.	2	3	4	5	6	7	8	9	10	12
Width at Mouth, Inches	11	11 1/4	11 1/2	12	13	13 1/2	14 1/2	14 1/2	15	15 3/4
Length of Blade, Inches	14 1/2	14 1/2	16	16 1/2	16 1/4	17	18	18 1/2	19	20
Weight Per Dozen, Lbs.	75	84	90	100	102	106	110	113	115	120
Per Dozen	\$18.00	18.50	19.00	19.50	20.00	21.00	22.00	23.00	24.00	25.00

SANDERSON'S



Best Cast Steel, Plain Strap, Full Polished, D Handle.

Nos.	2S	3S	4S	5S	6S	7S	8S	10S
Width at Mouth, Inches	11	11 1/2	12	12 1/2	13 1/4	13 3/4	14	15 1/4
Length of Blade, Inches	15	15 1/2	16	16 1/2	17	17	17 1/2	18 3/4
Weight Per Dozen, Lbs.	80	84	90	100	102	106	110	117
Per Dozen	\$24.00	24.50	25.00	25.50	27.00	27.50	28.00	30.00

OLIVER AMES



Crucible Cast Steel, Full Polished, Plain Strap, D Handle.

Nos.	2A	3A	4A	5A
Width at Mouth, In....	11	11 ¼	11½	12
Length of Blade, In...	14 7⁄8	15 ½	16	16 ½
Weight Per Dozen, Lbs.	80	82	84	86
Per Dozen	\$28.00	28.50	29.00	30.00
Nos.		6A	7A	8A
Width at Mouth, In....		13	13 ¼	13 ½
Length of Blade, In...		17	17 ¾	18
Weight Per Dozen, Lbs.		88	90	94
Per Dozen		\$31.00	32.00	33.00

OLIVER AMES, REINFORCED



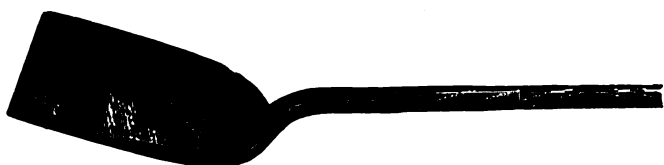
Crucible Cast Steel, Polished, Plain Strap, Reinforced Back, D Handle.

Nos.	6R	7R	8R
Width at Mouth, Inches	13	13 1/4	13 1/2
Length of Blade, Inches	17	17 3/4	18
Weight Per Dozen, Lbs.	89	91	95
Per Dozen	\$31.50	32.50	33.50

All Above, One-half Dozen in a Bundle.

GRAIN SCOOPS

LORENZO, LONG HANDLE

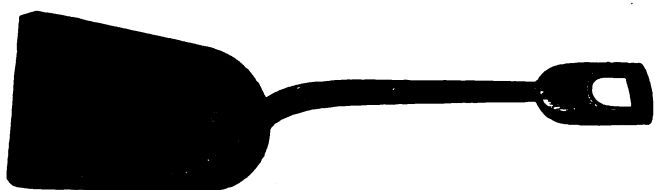


Cast Steel, Socket Strap, Full Polished, Long Handle.

Nos.	2LH	8LH
Width at Mouth, Inches.....	11	11 1/4
Length of Blade, Inches.....	14 3/4	15 1/2
Weight Per Dozen, Lbs.....	75	84
Per Dozen	\$18.00	18.50

One-half Dozen in a Bundle.

GRAIN TRIMMER OR BAG

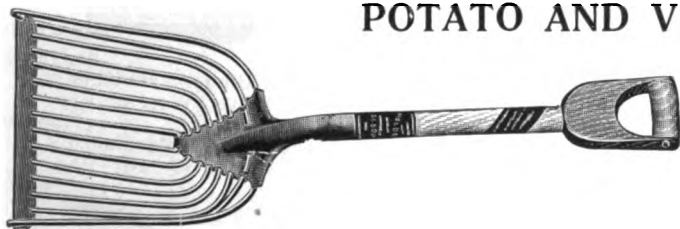


Binge's, Light Weight, Plain Strap, Riveted Back, D Handle, Cast Steel, Full Polished.

Nos.	2G	8G
Width at Mouth, Inches.....	11	11 1/2
Length of Blade, Inches.....	14 1/2	15
Weight Per Dozen, Lbs.....	45	48
Per Dozen	\$19.00	20.00

One-half Dozen in a Bundle.

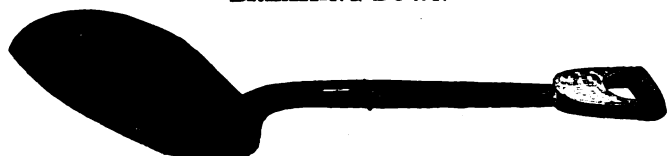
POTATO AND VEGETABLE SCOOPS



No. 100.

COAL SCOOPS

BREAKING DOWN



Diamond Point, Extra Hollow Back, D Handle.

Nos.	Per Dozen
8—13 3/4 x 17 1/4 inch Blade, Solid Cast Steel Blade, Black	\$24.00
Weight Per Dozen 85 Pounds.	
One-half Dozen in a Bundle.	

TRIUMPH, LONG HANDLE



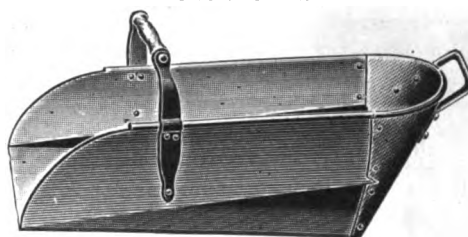
Cast Steel, Hollow Back, Full Polished, Long Handle.

Nos.	2TL	8TL
Width at Mouth, Inches.....	11	11 1/4
Length of Blade, Inches.....	15	15 1/2
Weight Per Dozen, Lbs.....	62	66
Per Dozen	\$13.50	14.00

CARPENTERS', LONG HANDLE

No.	Per Dozen
2—11x15 inch, Cast Steel, Hollow Back, Full Polished, Weight Per Dozen 60 Lbs.....	\$13.50
One-half Dozen in a Bundle.	

HERCULES



Heavy Planished Sheet Steel, Strapped Wood Top Handle, Solid Steel End Handle.

Nos.	0	1
Capacity, Bushels	1/2	1
Weight Each, Lbs.....	7 1/2	10 1/2
Each	\$2.40	3.00
Open Stock.		

SHOULDERS, All Steel, Galvanized.

No.	Per Dozen
100—13 1/2 x 17 inch Blade, Stamped Steel Socket, Spring Steel Front, Spring Steel Wire Sides, Safe Edge	\$26.00

The only Safe Edge Scoop Made.
Weight Per Dozen 70 Pounds.
One-half Dozen in a Bundle.

LOCOMOTIVE SCOOPS

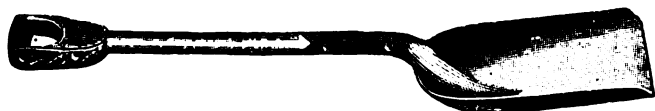


Crucible Steel, Hollow Back, Black, 22 inch D Handle.

Nos.	3L	4L	5L
Width at Mouth, Inches.....	11 1/4	11 1/2	12
Length of Blade, Inches.....	15 1/2	16	16 1/2
Weight Per Dozen, Lbs...	65	70	78
Per Dozen	\$16.00	16.50	17.00

FURNACE SCOOPS

TRIUMPH, D HANDLE



Hollow Back, Socket.

No.	Per Dozen
2F—9 1/2 x 14 inch Blade, Cast Steel, Black.....	\$9.00
Weight Per Dozen 60 Pounds.	
One-half Dozen in a Bundle.	

TRIUMPH, LONG HANDLE



Hollow Back, Socket.

No.	Per Dozen
2LF—9 1/2 x 14 inch Blade, Cast Steel, Black.....	\$7.25
Weight Per Dozen 60 Pounds.	
One-half Dozen in a Bundle.	

SNOW AND GENERAL PURPOSE SHOVELS

MALLEABLE D HANDLE, STEEL



Hollow Back, Two Rivets in Shank.

- No. 111D—11½x13¾ inch Heavy Steel Blade, Solid Shank and Socket, Black Enameled, 4 inch D Handle **\$8.00**
 Per Dozen
 Weight Per Dozen 61 Pounds.

SPLIT D HANDLE, STEEL



Hollow Back, Riveted Handle.

- No. 1842—13½x14½ inch Heavy Steel Blade, Black Enameled, 48 inch Split D Handle..... **\$7.00**
 Per Dozen
 Weight Per Dozen 65 Pounds.

LONG HANDLE, STEEL



Hollow Back, Two Rivets in Shank.

- No. 111—11½x13¾ inch, Heavy Steel Blade, Solid Shank and Socket, Black Enameled..... **\$7.00**
 Per Dozen
 Weight Per Dozen 63 Pounds.

LONG HANDLE, STEEL



Hollow Back, Riveted Handle.

- No. 1841—13½x14½ inch Heavy Steel Blade, Black Enameled, 48 inch Long Handle..... **\$6.00**
 Per Dozen
 Weight Per Dozen 65 Pounds.

All Above, One-half Dozen in a Bundle.

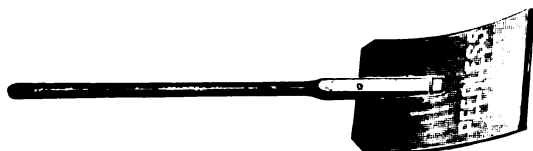
SNOW SHOVELS

PEERLESS, LONG HANDLE



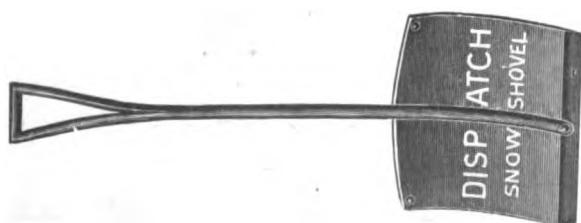
- No. 2—12x18 inch Straight Basswood Blade, Varnished, Folded Steel Tip, Steel Back Plate..... **\$4.90**
 Per Dozen
 Weight Per Dozen 34 Pounds.

PEERLESS, LONG HANDLE



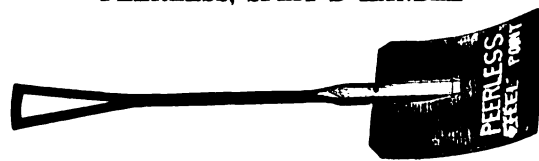
- No. 1—12x18 inch Bent Basswood Blade, Varnished, Folded Steel Tip, Steel Back Plate..... **\$5.40**
 Per Dozen
 Weight Per Dozen 34 Pounds.

DISPATCH, SPLIT D HANDLE

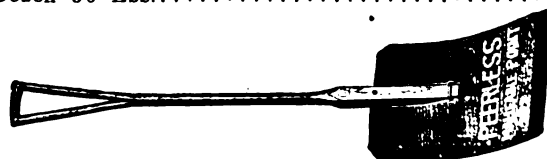


- No. 20—Curved Basswood Blade, 20 inches Wide by 14 inches High, Heavy Folded Steel Tip, Edges Inlaid with Steel to Prevent Splitting, Hardwood Split D Handle **\$5.60**
 Per Dozen
 Weight Per Dozen 35 Pounds.
 One-half Dozen in a Bundle.

PEERLESS, SPLIT D HANDLE

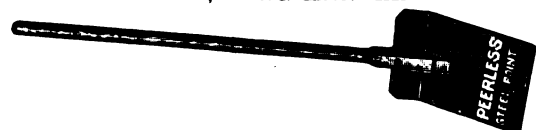


- No. 01—12x18 inches, Bent Basswood Blade, Varnished, Folded Steel Tip, Steel Back Plate, Weight Per Dozen 34 Lbs..... **\$6.00**
 No. 01½—14x18 inch Bent Basswood Blade, Varnished, Folded Steel Tip, Steel Back Plate, Weight Per Dozen 36 Lbs..... **6.40**



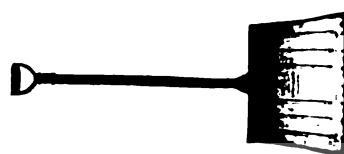
- No. 10—14x18 inch, Bent Basswood Blade, Varnished, Extra Heavy Malleable Iron Tip, Steel Back Plate... **\$7.20**
 Per Dozen
 Weight Per Dozen 38 Pounds.
 One-half Dozen in a Bundle.

BOYS, LONG HANDLE



- No. 4—9x13 inch Straight Basswood Blade, Folded Steel Tip **\$2.40**
 Per Dozen
 Weight Per Dozen 20 Pounds.
 One-half Dozen in a Bundle.

NEW YOUNGSTER

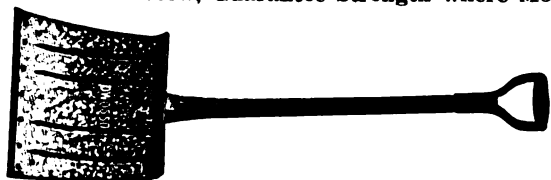


- No. 26—7½x10½ inch Galvanized Steel Blade with Steel Tip, Wood D Handle Made of Second Growth Oak **\$4.20**
 Per Dozen
 One-half Dozen in a Bundle.

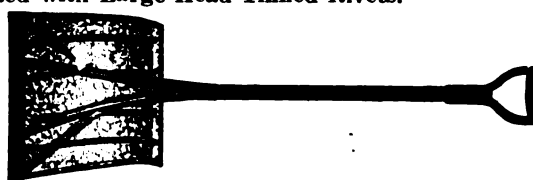
SNOW SHOVELS

OWOSSO IMPROVED STEEL BLADE

Properly Placed Corrugations and Heavily Wired Edges Insure Great Stiffness, 14 Gauge Angle Iron Braces, Shown in Back View, Guarantee Strength where Most Needed, Riveted with Large Head Tinned Rivets.



Front View.

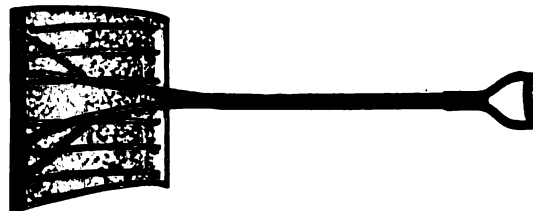


Back View.

No. 33—17x15½ inch Pressed Heavy Gauge Galvanized Steel Blade, Riveted Steel Tip, Entire Shovel Well Varnished...\$18.00
Selected White Ash and Hickory Handles, with Steel D.
Weight Per Dozen 55 Pounds.
One-half Dozen in a Crate.

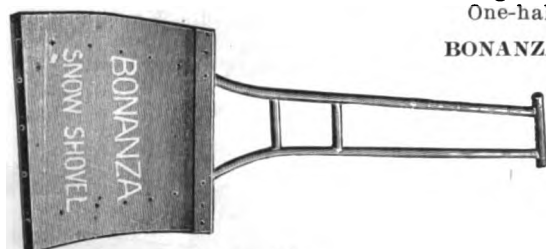


Front View.

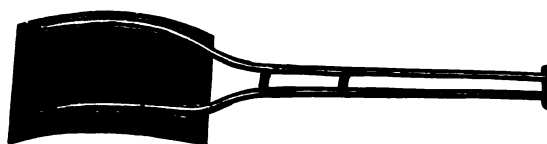


Back View.

No. 34—21x16 inch Pressed Heavy Gauge Galvanized Steel Blade, Riveted Steel Tip, Entire Shovel Well Varnished...\$18.80
Selected White Ash and Hickory Handles, with Steel D.
Weight Per Dozen 65 Pounds.
One-half Dozen in a Crate.



Front View.



Back View.

BONANZA DOUBLE HANDLE

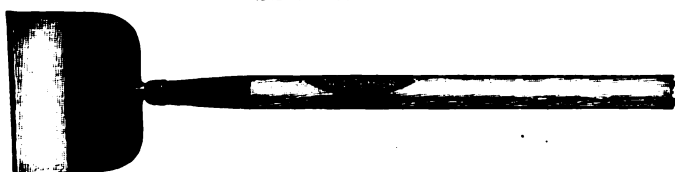
Blade Made of 3 Ply Maple, One Thickness Lengthwise, the Other Two Crosswise the Grain, Put Together with Waterproof Glue. Flat Heavy Steel Point Folded Over the Side Edges of the Blade Makes an Ice Cutter as Well as a Shovel.

Bent Double Hardwood Handles, Protected with Galvanized Iron Shoe.

No. 35—24x19 inch 3 Ply Bent Maple Blade, Protected with Galvanized Iron Shoe...\$16.80
Weight Per Dozen 71 Pounds.
One-half Dozen in a Crate.

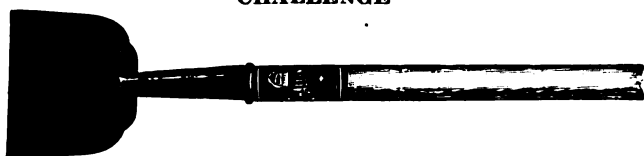
SIDEWALK CLEANERS

STAR SHANK



No. CSC—Solid Shank, 7x5 inch Blade, Gold Bronzed, 4½ foot Ash Handle...\$6.70
Per Dozen

CHALLENGE



No. SW7½—Heavy Malleable Iron Socket, Double Riveted to Blade, 7x5 inch High Carbon Steel Blade, Gold Bronzed, 4 foot Ash Handle...\$5.50
Per Dozen

ZERO



No. Z6¼—Solid Shank, 6½ inch Wide Steel Blade, Gold Bronzed, 4 foot Ash Handle...\$3.80
Per Dozen
One Dozen in a Bundle.

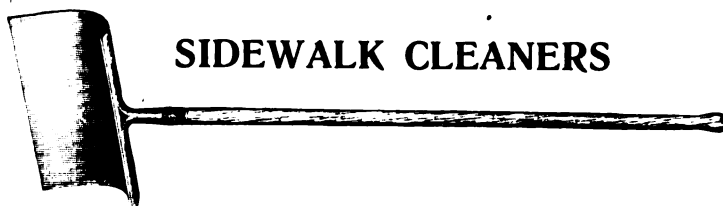
SIDEWALK SCRAPERS



No. 1—6x18 inch Curved Steel Blade, Riveted Malleable Iron Braced Socket, Finished in Blue, 5 foot Selected Handle...\$10.50
Per Dozen
Removes snow, slush and mud from walk. Also used for cleaning stables.

Weight Per Dozen 60 Pounds.
One-quarter Dozen in a Bundle.

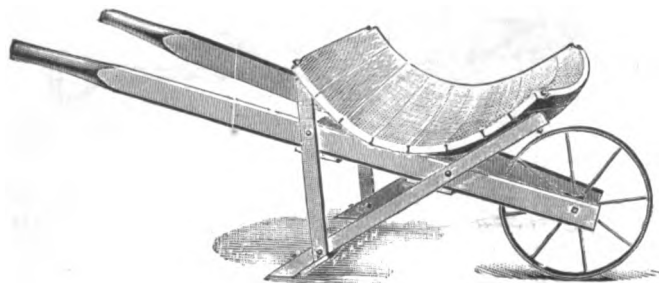
SIDEWALK CLEANERS



No. 18—18 inch Wide Curved Steel Blade, Riveted Malleable Iron Socket, Blue Finish, 4 foot Rock Maple Handle...\$13.50
Per Dozen
A scraper and shovel combined that cuts labor in half. The best tool on the market for rapid easy work—useful for cleaning stables and poultry houses as well as all cement or stone sidewalks.

WHEELBARROWS

BUCKEYE



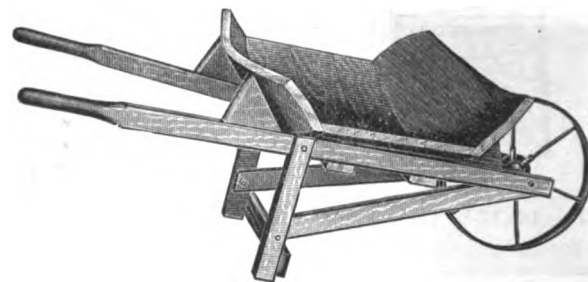
No. 1S.

Eight Stave Barrel Tray, Clear Hardwood, Heavy Handles, Well Braced and Bolted.

	Per Dozen
No. 1W—Length of Tray 33 inches, Width of Tray 27 inches, Greatest Depth 7 inches, 56 inch Handles, 16 inch Iron Hub Wood Wheel.....	\$41.00
No. 1S—Same as No. 1W, but with 16 inch Regular Steel Wheel	41.00
No. 1SX—Same as No. 1W, but with 16 inch Steel Wheel Having 2¼ x ¼ inch Tire.....	45.00

Weight Per Dozen 500 Pounds.

One-sixth Dozen in a Bundle, Knocked Down.



No. 3S.

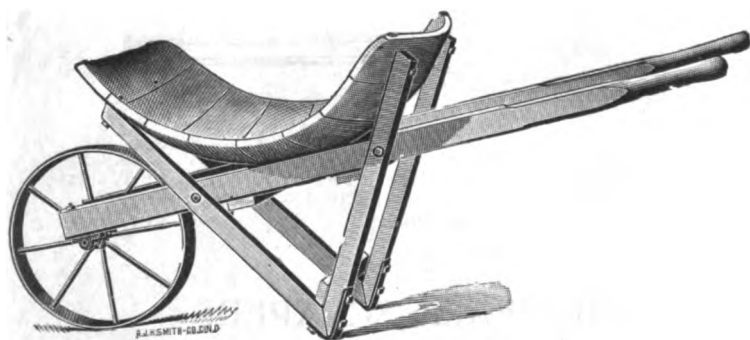
Full Size Tray, Clear Hardwood, Heavy Handles, Well Braced and Bolted.

	Per Dozen
No. 8W—Length of Tray 29 inches, Width of Tray 34 inches, Depth at Handles 10 inches, Length of Handles 56 inches, 16 inch Iron Hub Wood Wheel.....	\$41.00
No. 3S—Same as No. 3W, but with 16 inch Steel Wheel	41.00

Weight Per Dozen 480 Pounds.

One-sixth Dozen in a Bundle, Knocked Down.

VICTOR



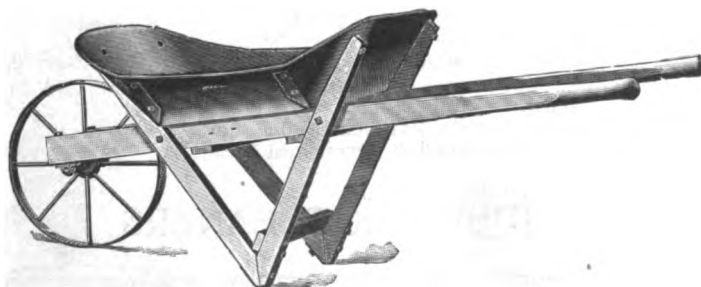
Well Braced and Bolted.

	Per Dozen
No. 4—Extra Large Nine Stave Barrel Tray, Clear Hardwood, Heavy Handles, Steel Shoes, 16 inch Heavy Steel Wheel	\$48.50

Weight Per Dozen 650 Pounds.

One-sixth Dozen in a Bundle, Knocked Down.

ELI

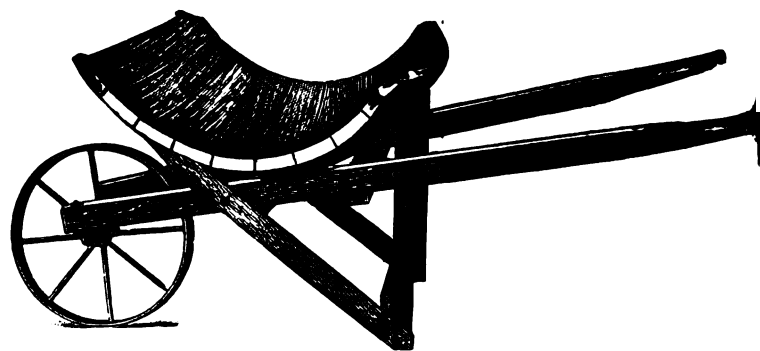


	Per Dozen
No. 6—Steel Tray with ¼ inch Steel Rod Rolled in Edges, Selected Hardwood Frame, Steel Shoes, Thoroughly Braced and Bolted, 16 inch Heavy Steel Wheel	\$67.00

Weight Per Dozen 500 Pounds.

One-sixth Dozen in a Bundle, Knocked Down.

MICHIGAN, JR.



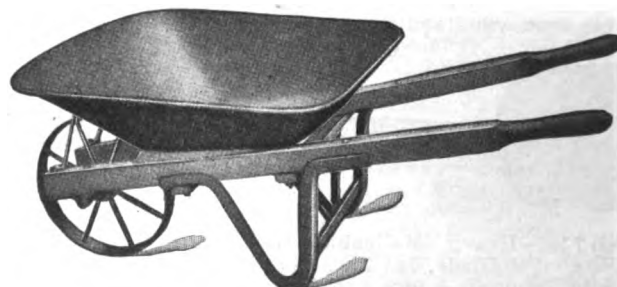
Well Braced and Bolted.

	Per Dozen
No. 5—Large Nine Stave Barrel Tray, Clear Hardwood, Heavy Handles, 16 inch Heavy Steel Wheel with 2¼ inch Tire	\$44.50

Weight Per Dozen 565 Pounds.

One-sixth Dozen in a Bundle, Knocked Down.

LANSING



With Wood Risers Elevating Front of Tray, Preventing Slushing Over in Front while Wheeling.

	Each
No. F3½—29x36 inch Top, 16 Gauge Pressed One Piece Steel Tray with Heavy Rod Rolled in Edges, Selected Hardwood Frame, Thoroughly Braced and Bolted, Angle Steel Legs and Braces, Steel Shoes, 16 inch Steel Wheel with 1½ x ½ inch Tire and ½ inch Spokes, ½ inch Steel Axle Held to Handles by Heavy Lugs	\$8.00

Weight Per Dozen 750 Pounds.

One-twelfth Dozen in a Bundle, Knocked Down.

WHEELBARROWS

TUBULAR STEEL



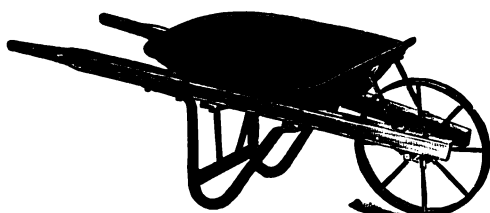
Style A 2. Fig. 281.

One Piece Pressed Steel Tray, no Seams or Rivets, Edge Turned Over $\frac{1}{8}$ inch Steel Rod.

One Piece Tubular Steel Frame, Well Bolted and Braced, 17 inch Heavy Steel Wheel, with Guard.

Nos.	A2	A13	A14
Tray on Top, Inches.....	29x32	29x32	29x32
Capacity, Cubic Feet.....	3	3	3
Gauge of Steel Tray, Nos....	15	13	12
Weight Each, Lbs.....	70	75	90
Each	\$8.30	9.30	10.80

"BULL FROG" STEEL PAN TRAY



Pressed One Piece 16 Gauge Steel Tray, Wired and Beaded on Edge with $\frac{1}{8}$ inch Iron Rod.

No. 81—33x32 inch Tray, 11 inches Deep at Wheel, 7 $\frac{1}{2}$ inches Deep at Handles, Capacity 4 Cubic Feet, Heavy Angle Iron Legs and Braces, 60x2 $\frac{1}{2}$ x1 $\frac{1}{4}$ inches, Hardwood Handles, Painted Brown, 16 inch "Never-Break" Steel Wheel with 1 $\frac{1}{2}$ x $\frac{1}{8}$ inch Wrought Iron Tire, $\frac{3}{8}$ inch Round Steel Spokes and 7 inch Patent Malleable Rivetless Hub, $\frac{5}{8}$ inch Axle

Each

\$8.50

Weight Each 60 Pounds.

"BULL FROG" STEEL TRAY CONTRACTORS'



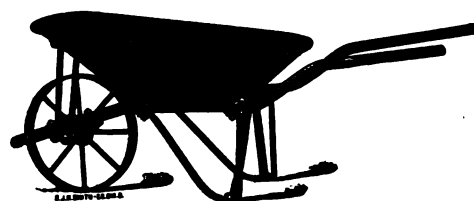
Wood Risers, Pressed One Piece 16 Gauge Steel Tray, Rolled Top Edge.

No. 22A4—37x29 $\frac{1}{2}$ inch Tray, 9 inches Deep at Wheel, 6 $\frac{1}{2}$ inches Deep at Handles, Capacity 4 Cubic Feet, Wood Risers Under Tray, 66x2 $\frac{1}{2}$ x1 $\frac{1}{8}$ inch Hardwood Handles Extending Forward to Permit Dumping Over the Wheel, Heavy Angle Iron Legs and Braces, 17 inch "Never-Break" Steel Wheel with 1 $\frac{1}{2}$ x $\frac{3}{8}$ inch Wrought Iron Tire, $\frac{1}{2}$ inch Round Steel Spokes and 7 inch Patent Malleable Rivetless Hub, $\frac{5}{8}$ inch Axle

Each

\$9.00

Weight Each 64 Pounds.



One Piece Pressed Steel Tray, no Seams or Rivets, Edge Turned Over $\frac{1}{8}$ inch Steel Rod.

One Piece Tubular Steel Frame, Well Bolted and Braced, 17 inch Heavy Steel Wheel, with Guard.

Nos.	A15	A16
Tray on Top, Inches.....	29x36	29x36
Capacity, Cubic Feet.....	4 $\frac{1}{2}$	4 $\frac{1}{2}$
Gauge of Steel Tray, Nos....	14	12
Weight Each, Lbs.....	86	95
Each	\$10.00	10.50

"BULL FROG" STEEL TRAY CONTRACTORS'



Wood Risers, Pressed One Piece 16 Gauge Steel Tray, Rolled Top Edge.

Each

No. 284—37x29 $\frac{1}{2}$ inch Tray, 9 inches Deep at Wheel, 6 $\frac{1}{2}$ inches Deep at Handles, Capacity 4 Cubic Feet, Wood Risers Under Tray, Extra Long Hardwood Handles with Steel Tipped Ends Permitting Load to be Dumped Forward Over the Wheel, Bolted Hardwood Legs, Heavy Iron Braces Extending Around Bottom of Legs and Bolted to Handles, Iron Cross Braces, 16 inch "Never-Break" Steel Wheel with 1 $\frac{1}{2}$ x $\frac{1}{8}$ inch Wrought Iron Tire, $\frac{3}{8}$ inch Round Steel Spokes and 7 inch Patent Malleable Rivetless Hub, $\frac{1}{2}$ inch Axle

The wood risers elevate the front of the tray and prevent slopping over in front.

Weight Each 60 Pounds.

"BULL FROG" STEEL TRAY MORTAR AND CONCRETE



Extra Wide Heavy Spot Welded Steel Tray, Securely Riveted, Rolled Top Edge.

Each

No. 65—34x28 inch Tray, 17 $\frac{1}{2}$ inches Deep at Wheel, 8 inches Deep at Handles, Extended Hardwood Handles, with Angle Iron Wheel Guard, Permitting Dumping Over the Wheel, Heavy Angle Iron Legs and Braces, 17 inch "Never-Break" Steel Wheel with 1 $\frac{1}{2}$ x $\frac{3}{8}$ inch Wrought Iron Tire, $\frac{1}{2}$ inch Round Steel Spokes and 7 inch Patent Malleable Rivetless Hub, $\frac{5}{8}$ inch Axle

\$9.80

Weight Each 75 Pounds.

"BULL FROG" STEEL TRAY MORTAR AND CONCRETE
Wood Risers, Extra Wide Heavy Spot Welded Steel Tray, Rolled Top Edge.

Each

No. 66—34x28 inch Tray, 17 $\frac{1}{2}$ inches Deep at Wheel, 8 inches Deep at Handles, Wood Risers Under Tray, Extended Hardwood Handles, Permitting Dumping Over the Wheel, Heavy Angle Iron Legs and Braces, 17 inch "Never-Break" Steel Wheel with 1 $\frac{1}{2}$ x $\frac{3}{8}$ inch Wrought Iron Tire, $\frac{1}{2}$ inch Round Steel Spokes and 7 inch Patent Malleable Rivetless Hub, $\frac{5}{8}$ inch Axle

\$9.80

Weight Each 75 Pounds.

All Above, One in a Bundle, Knocked Down.

WHEELBARROWS

BRYAN

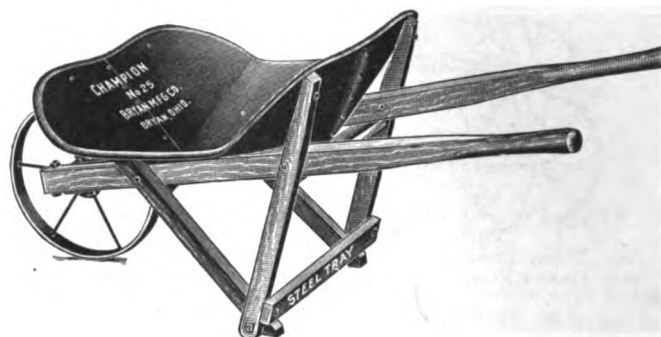


Put Together and Folded. Almost Set Up. Pull the Frame Down, Insert Bolt and It's Set Up.

No. 12B—Full Size, Heavy Gauge Steel Tray, Selected Hardwood Handles, Angle Steel Legs, Steel Braces, Double Braced in Front, 16 inch Steel Wheel.....\$4.70

Weight Each 50 Pounds.

One in a Bundle, Knocked Down.



Put Together and Folded. Almost Set Up. Pull Down Frame, Insert Handles and Tray Bolts, Put in Wheel and It's Set Up.

No. 25B—Full Size Heavy Gauge Steel Tray, Selected Hardwood Handles and Legs, Thoroughly Braced and Bolted, 16 inch Steel Wheel.....\$4.20

Weight Each 60 Pounds.

One in a Bundle, Knocked Down.

LANSING



No. F4.

One Piece 15 Gauge Steel Tray, Heavy Rod Rolled in Top Edges.

No. F4—Size of Tray on Top 36x28 inches, on Bottom 21x20 inches, Depth at Wheel 18½ inches, Depth at Handles 9 inches, Extra Long Hardwood Handles with Steel Tipped Ends Permitting Load to be Dumped Forward Over the Wheel, Angle Steel Legs and Braces, 16 inch Heavy Steel Wheel, ¾ inch Steel Axle...\$9.40

Weight Each 81 Pounds.

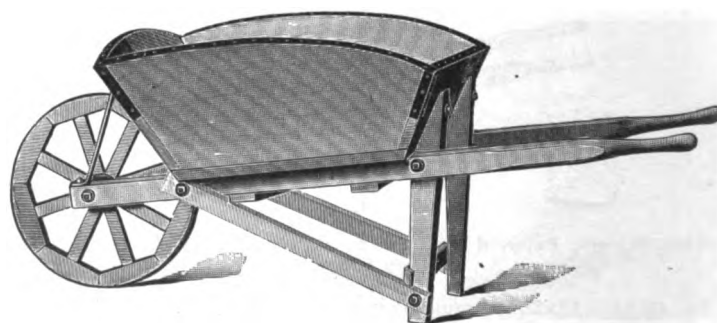
One in a Bundle, Knocked Down.

MORTAR

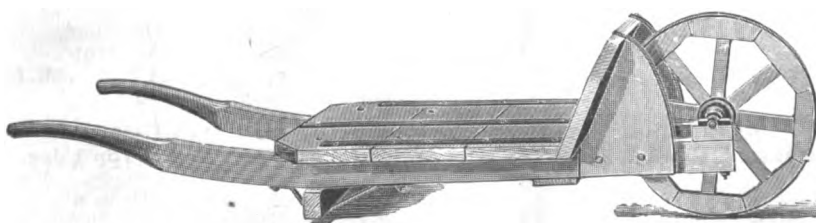
Tight Box for Wheeling Mortar, Iron Banded Top, Iron Braced and Well Bolted.

No. 8—Size of Box at Top, 29 inches Wide at Wheel, 26 inches Wide at Handles and 32 inches Long, Size of Box at Bottom 19 inches Wide and 20 inches Long, 14 inches Deep at Wheel, 8 inches Deep at Handles, 18 inch Extra Heavy Iron Hub Wood Wheel.....\$6.20

Weight Each 60 Pounds.



STONE



For Stone or Pig Metal.

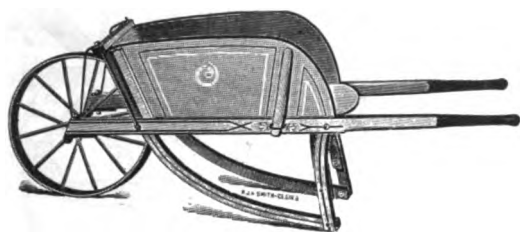
Made for Heavy Work. Bottom and Front of 1½ inch Hardwood, Dressed and Well Seasoned, Thoroughly Ironed, Heavy Dressed Handles. Painted Brown.

No. 7S—Bottom 28 inches Wide, 27 inches Long and 11 inches High in Front, 2x3 inch Bent and Dressed Handles, Extra Heavy Steel Wheel.....\$9.00
No. 7W—Same as No. 7S, but with 18 inch Extra Heavy Iron Hub Wood Wheel.....9.00

Weight Each 70 Pounds.

WHEELBARROWS

GLOBE GARDEN



Selected Hardwood, Bent Braces, Matched and Glued Bottom.
Nicely Painted, Striped and Varnished.

Each

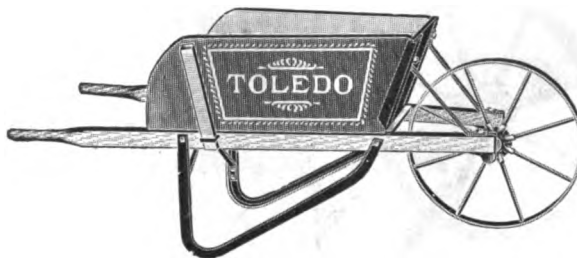
- No. 2—Inside Measurement of Box, Length 30 inches,
Width at Wheel End 19 inches, Width at Handle
End 24 inches, Depth 12 inches, 20 inch Wood
Wheel, Steel Axle\$7.00

No. 02—Same as No. 2, but with 20 inch Steel Wheel.. 7.00

Average Weight Each 44 Pounds.

Two in a Bundle, Knocked Down.

WIDE TIRE TOLEDO GARDEN



Selected Hardwood, Angle Steel Legs and Sockets for Side
Boards, Nicely Painted, Striped and Varnished.

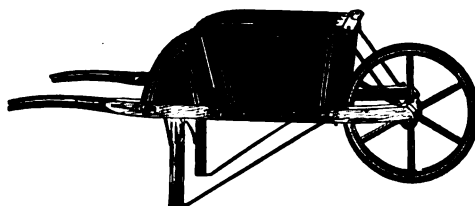
Each

- No. X25—Length of Bed Inside 28 inches, Width at
Handles 20 1/2 inches, Width at Wheel 16 1/2 inches,
Depth 11 1/2 inches, 20 inch Heavy Steel Wheel,
2 1/2 x 1/4 inch Tire, 3/4 inch Steel Axle, Weight Each
50 Lbs.\$7.00

- No. X35—Extra Large, Length of Bed Inside 31 inches,
Width at Handles 24 inches, Width at Wheel 19
inches, Depth 14 inches, Otherwise Same as No. 25,
Weight Each 70 Lbs..... 8.00

One in a Bundle, Knocked Down.

BOYS' GARDEN



No. 2B.

Selected Hardwood, Steel Leg Braces, Matched and Glued Bottom, Nicely Painted, Striped and Varnished.

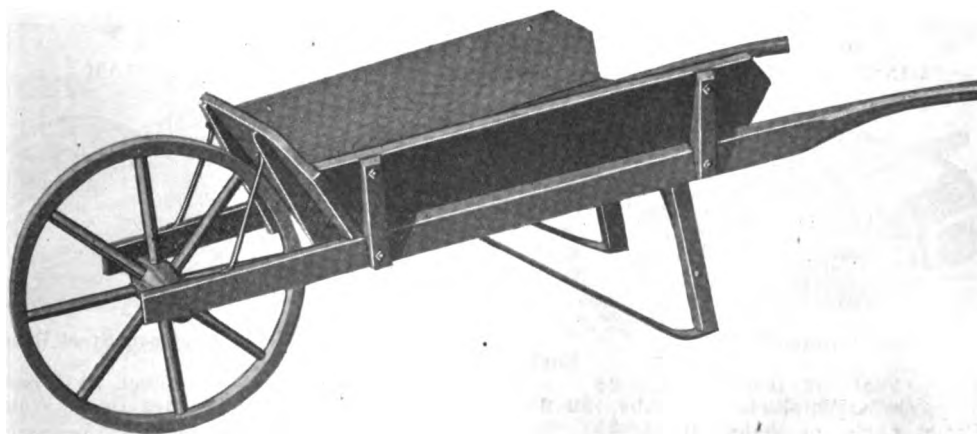
Each

- No. 2B—Inside Measurement of Box, Length 21 inches, Width at Wheel End 15 1/2 inches, Width at Handle End 18
inches, Depth 9 inches, 16 inch Steel Wheel.....\$5.20

Weight Each 28 Pounds.

One in a Bundle, Knocked Down.

JEFFERSON FARMERS'



Southern Hardwood, Steel Leg Braces, Well Bolted, Painted and Varnished.

Each

- Jefferson—Body 38 inches Long, 32 inches Wide, 10 inch Flaring Sides, 22 inch Wood Wheel with 1 3/4 inch Tire.....\$8.00

This Barrow is built durably and substantially to fill the demand for a good Farmers' Barrow that will carry a big
load. The large wheels make it a light draft.

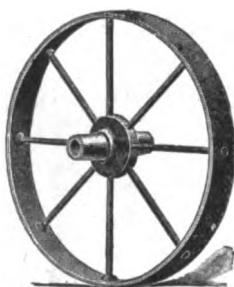
Weight Each 65 Pounds.

One in a Bundle, Knocked Down.

WHEELBARROW WHEELS



No. 1, X1, 4, 5, 8, 25G.



Nos. 30 and 35.



No. 40.



No. 15.

	Per Dozen
No. 1 —Never Break Steel Wheel, 16 inch, $1\frac{1}{4} \times \frac{1}{4}$ inch Tire, for Nos. 1S and 3S Barrow.....	\$16.40
No. X1 —Never Break Steel Wheel, 16 inch, $2\frac{1}{4} \times \frac{1}{4}$ inch Tire, for No. 1SX Barrow	21.20
No. 4 —Never Break Steel Wheel, 16 inch, $1\frac{1}{2} \times \frac{1}{8}$ inch Tire, for No. 284 Barrow	20.40
No. 5 —Never Break Steel Wheel, 16 inch, $1\frac{1}{2} \times \frac{1}{8}$ inch Tire, for No. 31 Barrow	24.50
No. 8 —Never Break Steel Wheel, 17 inch, $1\frac{1}{2} \times \frac{1}{8}$ inch Tire, for Nos. 22A4, 65 and 66 Barrows.....	27.00
No. 25G —Never Break Steel Wheel, 20 inch, $2\frac{1}{2} \times \frac{1}{4}$ inch Tire, for Nos. X25 and X35 Barrows.....	28.50
No. 30 —Heavy Iron Hub Steel Wheel, 16 inch, $1\frac{1}{2} \times \frac{1}{4}$ inch Tire, for Nos. 4 and 6 Barrows.....	23.70
No. 35 —Heavy Iron Hub Steel Wheel, 16 inch, $2\frac{1}{4} \times \frac{1}{8}$ inch Tire, for No. 5 Barrow.....	28.50
No. 40 —Iron Hub Steel Wheel, 20 inch, $1\frac{1}{2} \times \frac{1}{4}$ inch Tire, for No. 02 Barrow.....	34.80
No. 50 —Wood Wheel, 20 inch, $13\frac{1}{2}$ inch Hub, $1\frac{1}{2}$ inch Tread, for No. 2 Barrow.....	34.80
No. 15 —Iron Hub Wood Wheel, 16 inch $1\frac{1}{4}$ inch Tread Steel Tire, for Nos. 1W and 3W Barrows.....	16.40

STEEL HODS

NEVER DRIP MORTAR



- No. 158—24x11 $\frac{1}{4}$ x12 inches, One Piece Sheet Steel, Waterproof, Reinforced at Edges and Dumping Points, Wood Shoulder Saddle, 42x1 $\frac{3}{8}$ inch Handle, Weight Each 11 Lbs.....**\$23.00**
Open Stock.

Per Dozen

STANDARD BRICK

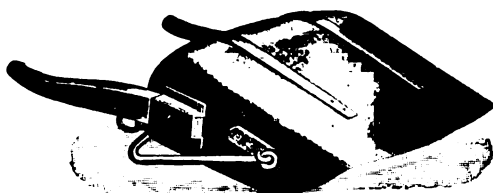


- No. 162—22x7x10 inches, One Piece Sheet Steel, Waterproof, Reinforced at Edges, Wood Shoulder Saddle, 42x1 $\frac{3}{8}$ inch Handle, Weight Each 8 Lbs.....**\$19.00**
Open Stock.

Per Dozen

ROAD SCRAPERS

KING



With Steel Runners.

- No. 2K—Capacity 5 Cubic Feet, 32 inches Long, 28 inches Wide, 10 inches Deep, Weight Each 65 Lbs..**\$9.80**
No. 3K—Capacity 3 Cubic Feet, 32 inches Long, 25 inches Wide, 10 inches Deep, Weight Each 55 Lbs..**8.70**

Each

Made from solid steel, pressed into shape. Has a flange around the top made by turning back the edge of the bowl. This flange reinforces and stiffens the bowl and adds much to the strength and capacity of the scraper.

On account of its lightness, the King can often be used to great advantage in many kinds of work. The wood handles are fastened to side of bowl.

INGHAM

With $\frac{1}{2} \times 1\frac{1}{2}$ inch Steel Runners.

- No. 2-IR—Capacity 5 Cubic Feet, 31 $\frac{1}{2}$ inches Long, 29 inches Wide, 11 $\frac{1}{2}$ inches Deep, Weight Each 94 Lbs.**\$13.25**
Adapted for all railroad, township and farm work. Easily handled by one man and team.

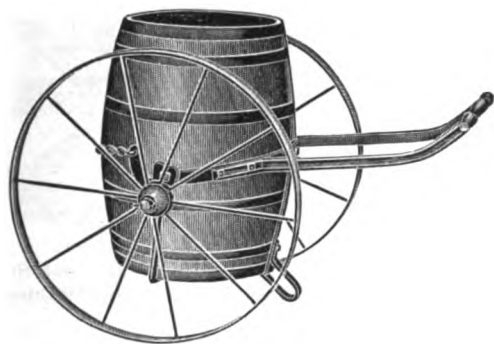
Each

Pressed from a heavy plate of hardened steel of the toughest quality. The handles are round and are fastened to the top of the scraper. The bails fasten to the sides with slotted clamps and are made long and heavy so that they do not twist out of shape and pull the scraper unevenly.

The back and sides are high and on a level nearly to the cutting edge, so that they hold the dirt after the bowl is filled.

BARREL CARTS

IMPROVED DUPLEX



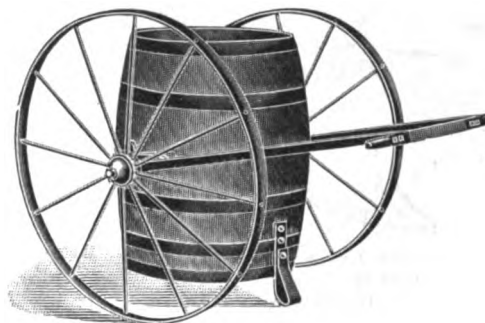
Without Barrel.

Duplex—Steel Frame, Painted Green, 36 inch Steel Wheels, with 2 inch Rim and 4 ½ inch Hub, Painted Yellow, Elliptical Spokes. \$10.00

The barrel is carried direct on the axle, has a device at the bottom to prevent the barrel from slipping off when handle is raised, has new chain take up device for the front to hold barrel back against the frame.

Weight Each 88 Pounds.
Shipped Knocked Down.

ECLIPSE

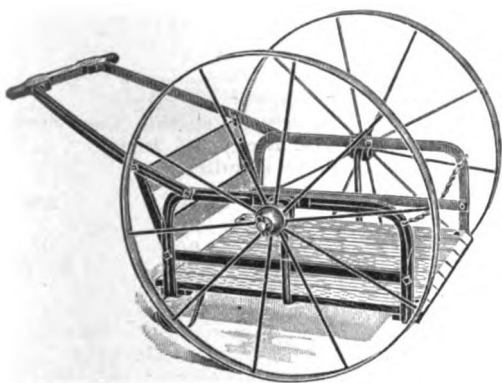


Without Barrel.

Eclipse—Heavy Steel Frame, Turned Steel Axles, 36 inch Steel Wheels with 2 inch Rim and 4 ½ inch Hub, all Bearings are Made to Bolt to Barrel, all Parts Painted Black \$7.00

Weight Each 56 Pounds.

Shipped Knocked Down.



PLATFORM

Platform—27x30 inches, Hardwood Platform, Painted Drab Color, Steel Frame, Painted Red, 30 inch Diameter Yellow Painted Steel Wheels with 2 inch Rim, 4 ½ inch Hub and ½ inch Hole. \$11.50

The low down frame makes it easy to load and unload. It will hold five milk cans or will carry a barrel of water.

Weight Each 100 Pounds.

One in a Bundle, Knocked Down.

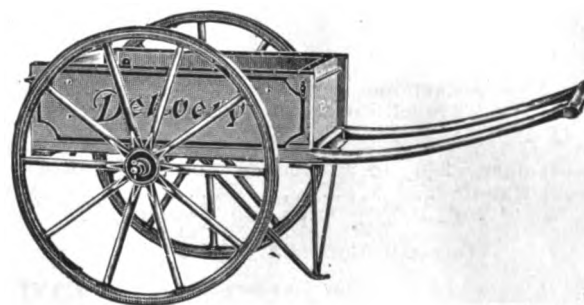
PUSH CARTS



Steel Wheels and Axle.

No. 2—Body 20x37 inches, 8 inches Deep, Ironed Edges, Detachable Side and End Boards, Self Locking Swinging Rest, ¾ inch Steel Axle, 26 inch Steel Wheels, with 1 ½ x ¾ inch Half Oval Steel Tires, 14 inch Front Wheel, Weight Each 68 Lbs. \$16.00
No. 4—Body 24x40 inches, 10 inches Deep, ¾ inch Axle, 30 inch Steel Wheels, 14 inch Front Wheel, Otherwise Same as No. 2, Weight Each 93 Lbs. 23.50

Each



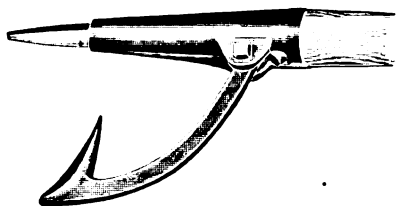
Wood Wheels, Steel Axle.

No. 5 ½—Body 32x20 inches, 9 inches Deep, Edges Ironed, 5 inch Bearing Iron Hubs, ¾ inch Steel Axle, 30 inch Wood Wheels with 1 ½ x 1 ½ inch Tire, Hickory Spokes and Rims, Wheels Painted Red with White Stripes, Weight Each 66 Lbs. \$18.00
No. 6 ½—Body 40x24 inches, 10 inches Deep, 36 inch Wood Wheels, Otherwise Same as No. 5 ½, Weight Each 81 Lbs. 20.00

Each

LUMBERING TOOLS

PEAVIES

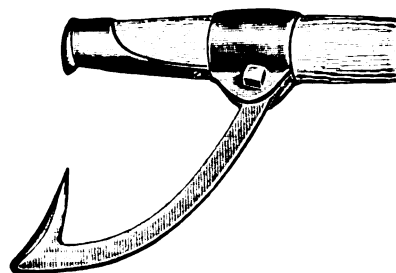


Malleable Iron Solid Rib Socket, Hand Forged Crucible Cast Steel Duck Bill Hook and Point, $2\frac{1}{2}$ inch Diameter Rock Maple Handle.

Nos.	21	22
Length of Handle, Feet.....	5	$5\frac{1}{2}$
Weight Per Dozen, Lbs.....	122	125
Per Dozen	\$30.00	31.00

One-half Dozen in a Bundle.

CANT HOOKS

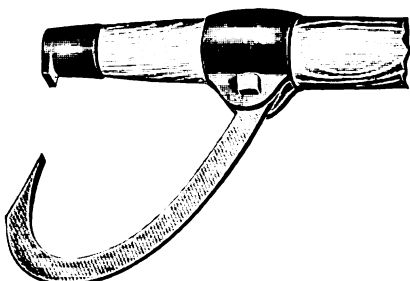


Malleable Iron Clasp, Hand Forged Crucible Cast Steel Duck Bill Hook, Extension Toe Ring, $2\frac{1}{2}$ in. Diameter Rock Maple Handle.

Nos.	459	222	223
Length of Handle, Feet....	4	$4\frac{1}{2}$	5
Weight Per Dozen, Lbs....	90	54	100
Per Dozen	\$23.00	24 00	25.00

One-half Dozen in a Bundle.

CANT HOOKS

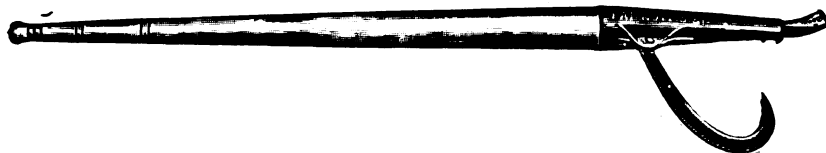


Malleable Iron Clasp, Hand Forged Crucible Cast Steel Chisel Bill Shaped Hook, Short Toe Ring, $2\frac{1}{2}$ inch Diameter Rock Maple Handle.

Nos.	695	318	319
Length of Handle, Feet....	4	$4\frac{1}{2}$	5
Weight Per Dozen, Lbs....	85	90	95
Per Dozen	\$22.00	23.00	24.00

One-half Dozen in a Bundle.

LANDING HOOKS



Malleable Iron Socket and Pike, Hand Forged Crucible Cast Steel Chisel Point Hook.

No. 28—Badger, $2\frac{1}{2}$ in. Diameter Second Growth Maple Handle	Per Dozen
Weight Per Dozen 115 Pounds.	\$40.00

One-half Dozen in a Bundle.

Malleable Iron Clip Clasp, Hand Forged Crucible Cast Steel Duck Bill Hook, Short Toe Ring, $2\frac{1}{2}$ inch Diameter Rock Maple Handle.

Nos.	480	255	256
Length of Handle, Feet....	4	$4\frac{1}{2}$	5
Weight Per Dozen, Lbs....	85	90	95
Per Dozen	\$23.00	24.00	25.00

One-half Dozen in a Bundle.

TIMBER GRAPPLES



Adjustable Malleable Iron Clasp, Forged Steel Crucible Cast Steel Chisel Point Hooks, Hung with a Swivel Joint.

No. 428— $2\frac{1}{2}$ x 48 in. Selected Rock Maple Handle.....	Per Dozen
Weight Per Dozen 100 Pounds.	\$27.00

One-half Dozen in a Crate.

CANT HOOK HANDLES



No. 250— $2\frac{1}{2}$ inch Selected Rock Maple, Wax Finish.

Length, Feet	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6
Weight Per Dozen, Lbs...	42	46	50	55	60
Per Dozen	\$4.80	5.30	5.80	6.40	7.80

Two Dozen in a Crate.

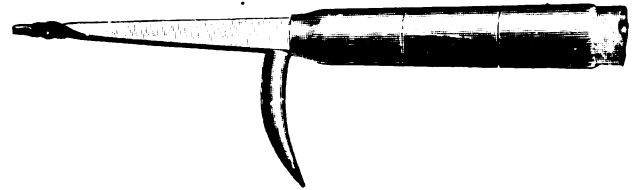
No. 257— $2\frac{1}{2}$ inch Selected Hickory, Wax Finish.

Length, Feet	4	$4\frac{1}{2}$
Weight Per Dozen, Lbs.....	47	51
Per Dozen	\$7.00	7.50

Two Dozen in a Crate.

LUMBERING TOOLS

PIKE POLES



Hand Forged Crucible Cast Steel Pike, Driven Shank, Second Growth Ash Handle, Steel Ferrules.

Nos.	413	414	415
Length of Pole, Feet.....	12	14	16
Weight Per Dozen, Lbs....	95	100	105
Per Dozen	\$23.00	28.00	36.50
	Open Stock.		

Hand Forged Crucible Cast Steel Straight Pike and Hook, Driven Shank, Second Growth Ash Handle, Steel Ferrules.

Nos.	407	408	409
Length of Pole, Feet.....	12	14	16
Weight Per Dozen, Lbs....	100	105	110
Per Dozen	\$25.50	31.00	40.00
	Open Stock.		

PIKE POLE HANDLES

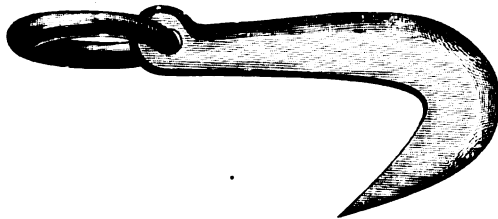


Selected Second Growth White Ash, Polished.

Nos.	776	777	778
Length, Feet	12	14	16
Diameter, Inches	1 5/8	1 5/8	1 5/8
Weight Per Dozen, Lbs....	80	85	90
Per Dozen	\$13.50	16.50	22.00

One-half Dozen in a Bundle.

LOGGING DOGS



No. 630— $\frac{3}{4}$ x 2 inch Crucible Steel, 3 inch Diameter	Per Dozen
Ring Made from $\frac{3}{4}$ inch Swedes Iron.....	\$32.00
Weight Per Dozen 90 Pounds.	

LOADING HOOKS



No. 539— $\frac{3}{4}$ inch Square Steel, Heavy Round Upset	Per Dozen
Points, Swedes Iron Ring.....	\$15.00
Weight Per Dozen 30 Pounds.	

SWAMP HOOKS



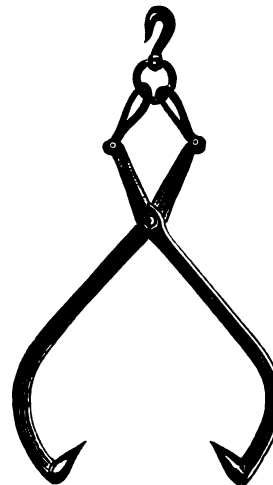
No. 550.



No. 556.

No. 550—1 inch Octagon Steel, Heavy Round Upset	Per Dozen
Points, Swedes Iron Hook and Ring, Weight Per	
Dozen 80 Lbs.....	\$26.00
No. 556—1 $\frac{1}{4}$ x $\frac{5}{8}$ inch Flat Steel, Heavy Round Upset	
Points, Swedes Iron Hook and Ring, Weight Per	
Dozen 80 Lbs.....	26.00

SKIDDING TONGS



No. 500—1 inch Octagon Special Tong Steel, Heavy	Per Dozen
Upset Points, Plain Swivel Ring and Round Hooks,	
Opens 24 inches, Weight Per Pair 16 Lbs.....	\$75.00
No. 501—1 $\frac{1}{4}$ inch Octagon Special Tong Steel, Heavy	
Upset Points, Plain Swivel Ring and Round Hooks,	
Opens 32 inches, Weight Per Pair 23 Lbs.....	84.00

LUMBERING TOOLS

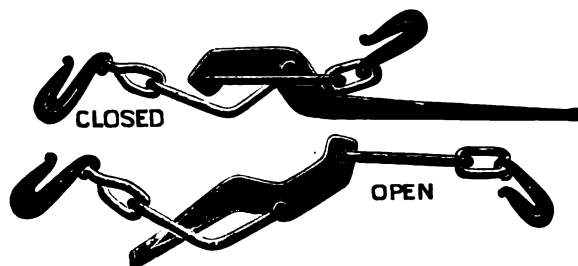
CORNERBIND HOOKS



No. 895— $1\frac{1}{4} \times \frac{3}{8}$ inch Oval Steel \$5.50

Weight Per Dozen 22 Pounds.

LOAD OR LOG BINDERS



Benjamin Patent.

No. 651—Hand Forged, Unbreakable, Takes up 5 inches of Slack \$3.50
Each
It will bind a load of lumber, logs, hay, pipe or other large loads.

Weight Per Dozen 96 Pounds.

CANT HOOK HOOKS



Duck Bill, with Clasp.

No. 60— $1 \times \frac{7}{8}$ inch, for $2\frac{1}{2}$ inch Tools..... \$14.00

Weight Per Dozen 30 Pounds.



Duck Bill.

No. 564— $1 \times \frac{7}{8}$ inch Crucible Steel, Weight Per Dozen 23 Lbs..... \$12.50
No. 566— $1\frac{1}{8} \times \frac{1}{2}$ inch Crucible Steel, Weight Per Dozen 35 Lbs..... 17.50
No. 567— $1 \times \frac{1}{2}$ inch Crucible Steel, Extra Long, Weight Per Dozen 32 Lbs..... 17.00



Round Bill.

No. 369— $1 \times \frac{7}{8}$ inch Crucible Steel..... \$12.50

Weight Per Dozen 23 Pounds.



Chisel Shaped Bill.

No. 570— $1 \times \frac{7}{8}$ inch Crucible Steel..... \$11.50

Weight Per Dozen 20 Pounds.

CANT HOOK CLASPS



No. 576.



No. 573.

No. 576 — $2\frac{1}{2}$ inch, Hand Forged Steel, without Bolts.. \$8 00
No. 576B— $2\frac{1}{2}$ inch, Hand Forged Steel, with Bolts.... 8.50
No. 573 — $2\frac{1}{2}$ inch, Malleable Iron, without Bolts..... 5.00

Weight Per Dozen 12 Pounds.

CANT HOOK CLIPS



No. 582 — $5\frac{1}{4}$ inches Long, Malleable Iron, to Bolt On, without Bolts \$2.00
No. 582B— $5\frac{1}{4}$ inches Long, Malleable Iron, to Bolt On, with Bolts 2.50
No. 366 —5 inches Long, Forged Steel, to Bolt On, without Bolts 3.00

Weight Per Dozen 10 Pounds.

CANT HOOK BOLTS



No. 600.



No. 615.

No. 600— $\frac{7}{8} \times 1\frac{3}{4}$ inches, Hexagon Head and Nut..... \$4.00
No. 615— $\frac{7}{8} \times 1\frac{5}{8}$ inches, Square Head, Neck and Nut... 3.50

Weight Per Hundred 15 Pounds.

TOE RINGS



No. 579.



No. 511.

No. 579—Malleable Iron, $2\frac{1}{4}$ inches Long, for $2\frac{1}{2}$ and $2\frac{3}{4}$ inch Tools \$1.50
No. 511—Badger, Malleable Iron, $1\frac{1}{2}$ inches Long, for Badger Landing Hook 2.20

Weight Per Dozen 4 Pounds.

LUMBERING TOOLS

LOADING BLOCKS



Heavy Wrought Steel Shells, Wrought Hooks, Steel Pins, Plain Bushing, Japanned.
With Stiff Swivel Hook.

With Grab Hook, Link and Swivel Eye.

No.	0686
For Rope, Inches.....	1 1/4
Size of Sheave, Inches.....	5 1/8 x 1 1/8 x 5/8
Weight Per Dozen, Lbs.....	114
Per Dozen	\$27.00
	Each
Extra Sheaves	\$0.60

No.	0687
For Rope, Inches.....	1 1/4
Size of Sheave, Inches.....	5 1/8 x 1 1/8 x 5/8
Weight Per Dozen, Lbs.....	120
Per Dozen	\$36.00
	Each
Extra Sheaves	\$0.60



No. 632—Wrought Steel, 5x1 1/2
inch Iron Sheave, for Rope,
Round Swivel Hook.....\$26.00
Weight Per Dozen 150 Pounds.

No. 634—Wrought Steel, 5x1 1/2
inch Iron Sheave, for Rope,
Grab Hook\$26.00
No. 635—Wrought Steel, 5x1 1/2
inch Iron Sheave, for Chain,
Grab Hook 25.00
Weight Per Dozen 150 Pounds.

EXTRA SHEAVES

Cut Shows Block Open.

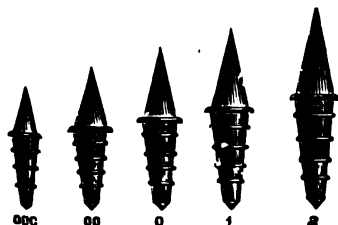
No. 636—Combined Loading and
Snatch Block, Self-Locking
Clasp, 5x1 1/2 inch Iron
Sheave, for Rope, Swedes
Iron Swivel Hook.....\$36.00
Weight Per Dozen 150 Pounds.

No. 394—For Rope.
For Block, Nos. 632
Per Dozen\$6.00

634 636
7.00 7.00

No. 395—For Chain.
For Block, Nos. 635
Per Dozen\$7.00

BOOT CALKS



Forged from Best Quality Crucible Steel.
Nos. 000 00 0 1 2
Wt. Per Thousand, Lbs.... 2 1/2 3 1/4 3 3/4 4 1/2 5
Per 1000\$7.20 7.20 7.20 7.20 8.50
One Hundred in a Box.

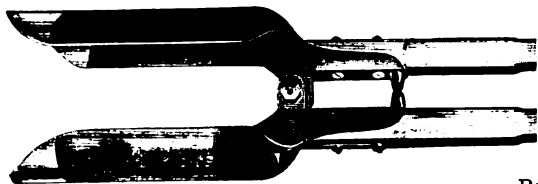
CALK SETS



Polished Cast Steel.
No. 10—Calk Sets, for Setting All Sizes Calks.....\$3.00
Weight Per Dozen 1 1/4 Pounds.
One Dozen in a Box.

POST HOLE DIGGERS

ATLAS



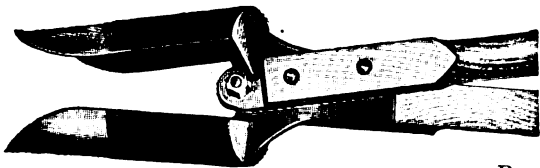
Per Dozen

No. 25—Cast Steel Blades, 9 inches Long, Tempered,
Malleable Iron Trimming, Length 4 feet 10 inches. **\$15.00**
Weight Per Dozen 120 Pounds.

Per Dozen Pairs

Extra Handles—For Atlas Diggers..... **\$4.50**
One-third Dozen in a Bundle.

EUREKA



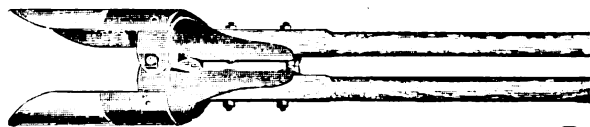
Per Dozen

No. 20—Cast Steel Blades, 9 inches Long, Tempered,
Split Wood Handles, Length 5 feet..... **\$13.00**
Weight Per Dozen 110 Pounds.

Per Dozen Pairs

Extra Handles—For Eureka Diggers..... **\$5.00**
One-quarter Dozen in a Bundle.

AETNA



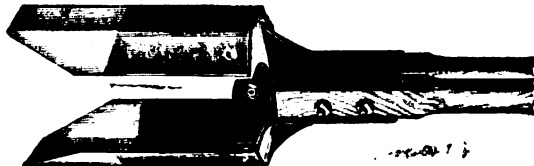
Per Dozen

No. 15—Cast Steel Blades, 9 inches Long, Tempered,
Malleable Iron Trimming, Length 4 feet 10 inches. **\$16.50**
Weight Per Dozen 145 Pounds.

Per Dozen Pairs

Extra Handles—For Aetna Diggers..... **\$4.50**
One-quarter Dozen in a Bundle.

HEXAGON



Per Dozen

No. 40—Heavy Cast Steel, Hexagon Blades, 9 inches
Long, Iron Socket Frame for Handles, Blade Can
be Thrown to a Reverse Angle of 45 Degrees to
Release the Dirt, Sharp Cutting Edge, Length
4 feet 10 inches..... **\$15.00**
Weight Per Dozen 120 Pounds.

Per Dozen Pairs

Extra Handles—For Hexagon Diggers **\$4.50**
One-quarter Dozen in a Bundle.

LITTLE GIANT



Per Dozen

No. 30—9 inch Best Cast Steel Blade, Tempered and Polished, Malleable Iron Castings, Hardwood Handles, Length
5 feet 2 inches..... **\$25.00**
Digger can be used as a pick or tamping bar, and the blades being separable, either blade may be used as a shovel
or spade.

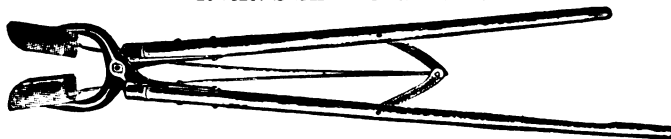
Weight Per Dozen 150 Pounds.

EXTRAS FOR LITTLE GIANT DIGGERS

No. 01—Handles **\$4.50**
Each
No. D1—Castings **\$0.40**

No. D2—Castings **\$0.50**
Each
No. 00—Pins for No. D1 Casting..... **.10**
One-quarter Dozen in a Bundle.

RYAN'S SELF-CLEANING



Per Dozen

No. 10—Best Crucible Cast Steel Blades, Spring Steel Cleaner Rods, Malleable Iron Castings, Selected Hardwood Han-
dles, Length Over All 5 feet..... **\$36.00**

Will dig a 7 inch hole 3 feet deep in one minute. Will work perfectly in any soil from sticky mud to dry sand.
The load is cut free from the blades and forced out by simply spreading the handles.
Weight Per Dozen 125 Pounds.
One-quarter Dozen in a Bundle.

IWAN'S ONE BLADE



Per Dozen

No. 100—Single Tempered Cast Steel Blade, Malleable Iron Handle Sockets, Single Extra Grade Handle, with Lever to
Turn Blade, Steel Rod and Pins, Length 5 feet 5 inches..... **\$20.00**

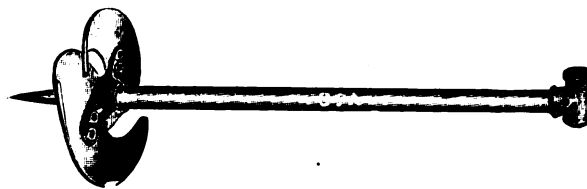
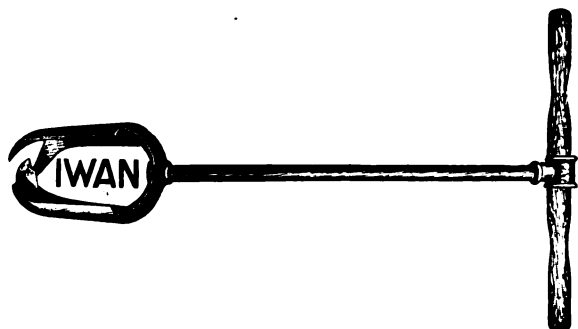
This Digger is exceptionally well suited for digging in stony ground. Having but one blade it can be forced deeper into
the ground than two bladed diggers, and therefore loosens more soil with each plunge. The blade being wide and of large
surface, the digger can also be used as a shovel for replacing the earth in the post hole.

Weight Per Dozen 115 Pounds.
One-sixth Dozen in a Bundle.

POST HOLE AUGERS

IWAN'S

VAUGHAN'S



Crucible Steel Blades, Tempered and Polished, Malleable Iron Arch, Steel Pipe Handle, Wood Cross Bar.

Forged Steel Blades, Spring Tempered, Steel Pipe Handle, Malleable Iron Top and Point, Painted Black.

Length of Handle 44 inches, Diameter of Handle $\frac{7}{8}$ inch, Length of Point Underneath Blade $3\frac{3}{4}$ inches, Diameter of Hole in Top for Cross Bar $1\frac{1}{2}$ inches, Length Over All 49 inches.

	$\frac{3}{4}$ inch Pipe Handle, 22 inch Cross Bar, 48 inches Long Over All.						
Nos.	40	50	60	70	80	90	100
Size, Inches	4	5	6	7	8	9	10
Wt. Per Doz., Lbs.	78	79	101	103	112	120	128
Per Dozen	\$28.00	28.00	28.00	30.00	30.00	32.00	36.00

Nos.	04	05	06	07	08	09
Size, Inches	4	5	6	7	8	9
Wt. Per Dozen, Lbs.	52	55	58	59	62	64
Per Dozen	\$12.00	12.00	12.00	12.00	12.00	12.00

Open Stock.

One-half Dozen in a Bundle.

EXTRA PARTS FOR VAUGHAN AUGERS



No. 1.

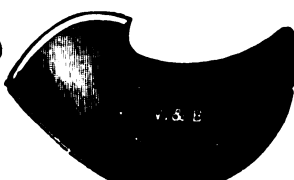
Each

No. 1—Hollow Tube and Top Casting\$0.60



No. 2.

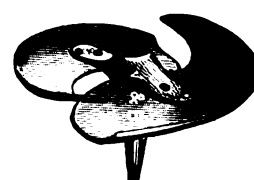
No. 2—Auger Point\$0.25



No. 3.

Each

No. 3—Extra Blade25



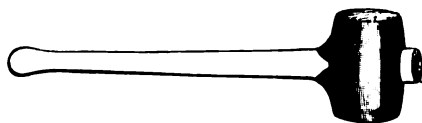
No. 4.

Each

No. 4—Point and Blades Riveted...\$0.70

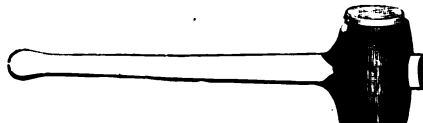
When Ordering, Specify for what Size Auger Part is Wanted.

POST MAULS



Cast Iron, Lipped Eye, Selected Hickory Handles, Japanned.

Nos.	010	013	016	018	020
Weight Each, Lbs.	10	13	16	18	20
Each	\$0.60	.70	.80	.90	1.00



Cast Iron, Rock Elm Wood Face, Lipped Eye, Selected Hickory Handles, Japanned.

Nos.	120	140	160
Weight Each, Lbs.	12	14	16
Each	\$1.10	1.30	1.50

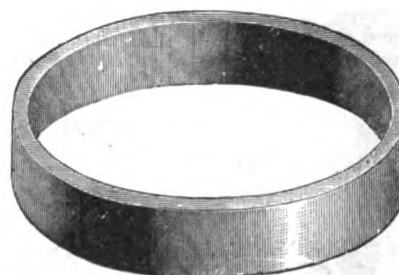
POST MAULS



Cast Iron, Bell Face, Oval Eye, Japanned, Selected Hickory Handle.

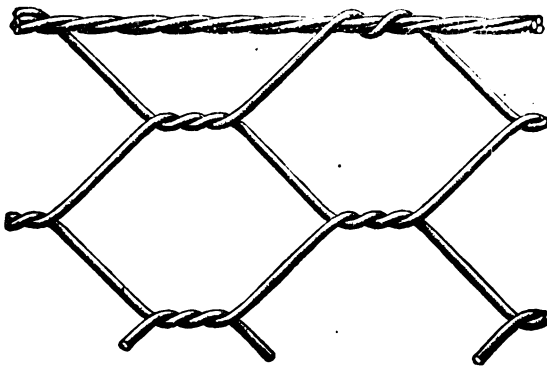
Nos.	13	16	18
Weight Each, Lbs.	13	16	18
Each	\$0.80	.90	1.00

BEETLE RINGS



Nos.	5	5 1/2	6
Size of Iron, Inches.	$\frac{1}{8}$ x 1	$\frac{1}{8}$ x 1	$\frac{1}{8}$ x 1
Diameter Inside, Inches.	5	5 1/2	6
Per Single Dozen	\$4.00	4.50	5.00

POULTRY NETTING



Best Galvanized Before Weaving, Steel Wire, Double and Twisted Selvedge.

	Per Square Foot
2 Inch Mesh—No. 19 Wire, 12, 18, 24, 30, 36, 42, 48, 60 and 72 inches Wide	\$0.02 ½
2 Inch Mesh—No. 16 Wire, 24, 36 and 48 inches Wide.....	.05 ½
1 Inch Mesh—No. 19 Wire, 12, 18, 24, 30, 36, 48, 60 and 72 inches Wide .....	.06 ½
1 Inch Mesh—No. 20 Wire, 12, 18, 24, 30 and 36 inches Wide....	.05 ½

One Hundred and Fifty Lineal Feet in a Roll.

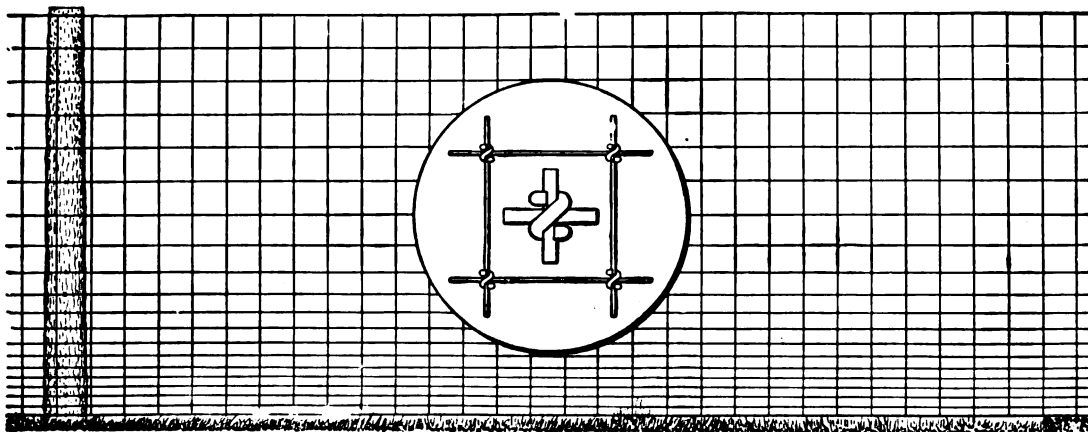
Note—All Above Sizes and Meshes Carried in Stock, Other Sizes and Meshes Galvanized After Weaving Will be Furnished from Factory.

TABLE OF WEIGHT PER ROLL OF 150 RUNNING FEET

Widths	12	18	24	30	36	42	48	60	72
No. 19—2 inch Mesh, Lbs..	13 ½	18 ½	23 ½	28	33 ½	39	43 ½	52 ½	63
No. 19—1 inch Mesh, Lbs..	22 ½	33 ½	41 ½	51	62 ½	..	85 ½	....	..

POULTRY FENCE

BLUE RIBBON



Heavy Galvanized Steel Wire, No. 15 Top and Bottom Wires, No. 17 Intermediate Wires, Stay Wires 4 Inches Apart.

	Per Roll
No. 1424—24 inches High, 14 Horizontal Bars, Weight Per Rod 3 Lbs.....	\$4.50
Spacing: 1, 1, 1, 1, 1 ½, 1 ¼, 1 ½, 1 ¾, 2, 2 ¼, 2 ¾, 3 ¾ and 4 inches.	
No. 1736—36 inches High, 17 Horizontal Bars, Weight Per Rod 3 ½ Lbs.....	5.50
Spacing: 1, 1, 1, 1, 1 ½, 1 ¼, 1 ½, 1 ¾, 2, 2 ¼, 2 ¾, 3 ¾, 4, 4, 4 and 4 inches.	
No. 2048—48 inches High, 20 Horizontal Bars, Weight Per Rod 4 ¾ Lbs.....	6.50
Spacing: 1, 1, 1, 1, 1 ½, 1 ¼, 1 ½, 1 ¾, 2, 2 ¼, 2 ¾, 3 ¾, 4, 4, 4, 4, 4 and 4 inches.	
No. 2360—60 inches High, 23 Horizontal Bars, Weight Per Rod 5 ¾ Lbs.....	8.00
Spacing: 1, 1, 1, 1, 1 ½, 1 ¼, 1 ½, 1 ¾, 2, 2 ¼, 2 ¾, 3 ¾, 4, 4, 4, 4, 4, 4 and 4 inches.	
No. 2672—72 inches High, 26 Horizontal Bars, Weight Per Rod 6 ¼ Lbs.....	8.50
Spacing: 1, 1, 1, 1, 1 ½, 1 ¼, 1 ½, 1 ¾, 2, 2 ¼, 2 ¾, 3 ¾, 4, 4, 4, 4, 4, 4, 4, 4, 4 and 4 inches.	

In Ten Rod Rolls.

Blue Ribbon Poultry Fence is intended to be exactly what its name implies, an Ideal Fence for Poultry, etc. It is not intended to displace the heavy Poultry Fences, where such are needed; it is not recommended for places where it is necessary to turn Stock as well as Poultry, but for strictly Garden and Poultry Fencing this Fence has distinct advantages over the heavy Poultry Fence, as none of the Heavy Fences are spaced close enough for small chicks, etc. Little chicks fresh from the shell are confined without difficulty by Blue Ribbon Poultry Fence because the spacing is close at the bottom where it is needed. Compared with netting this fence is more advantageous to the user in every respect, and is much easier to erect than a heavy fence.

POULTRY NETTING STAPLES



GALVANIZED, IN BOXES

Sharp Point, No. 14 Wire.

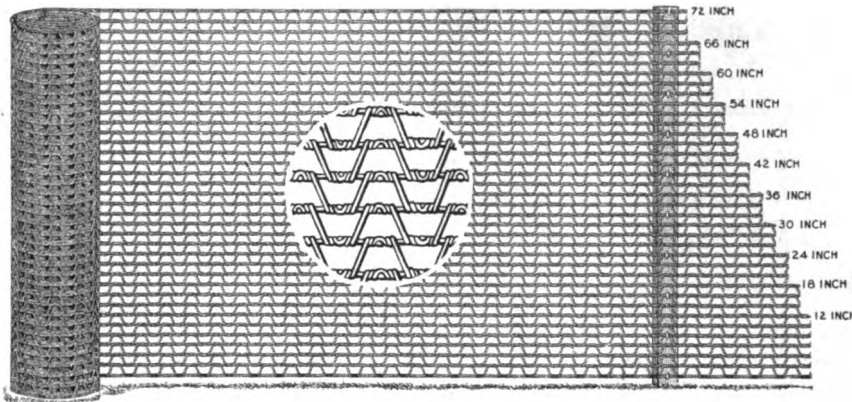
	Per Pound
No. 14—¾ inch, 480 to 1 Pound.....	\$0.12
No. 15—¾ inch, 416 to 1 Pound.....	.12

GALVANIZED, IN KEGS

Sharp Point, No. 14 Wire.

	Per Pound
No. 114—¾ inch, 480 to 1 Pound.....	\$0.11
No. 115—¾ inch, 416 to 1 Pound.....	.11

U. S. POULTRY FENCE



The U-S Poultry Fence is new in the line of poultry fence or netting. It is constructed with Parallel Line Wires for every mesh, which are intertwined with the mesh wires at their points of intersection with right and left twists. The Cable Margin Wires are also connected with the mesh wires with right and left twists. In the process of weaving all wires are under the same tension thus producing a fabric with all line wires the same length and all meshes or openings the same size.

In stretching the tension is on the Line Wires Only, thus preventing any narrowing of the fabric between the posts even though placed 20 or 30 feet apart. Being thus constructed with Parallel Line Wires for every mesh the necessity for Base-board and top-rail is eliminated, thus effecting quite a saving in cost of erection. U-S Poultry Fence rolls out flat and even like a roll of paper.

The intertwisting of the line and mesh wires makes the fence, when erected, very stiff and rigid. It does not have that Loose, Baggy Appearance so common in the old style poultry netting.

1 Inch Mesh, No. 19 Wire, Galvanized After Weaving.

Nos.	12	18	24	30	36	48	60	72
Width, Inches	12	18	24	30	36	48	60	72
Square Feet Per Roll.....	150	225	300	375	450	600	750	900
Weight Per Roll, Lbs.....	20	29 ½	37 ½	45	53	71	87 ½	106 ½
Per Roll, 150 Feet Long.....	\$8.25	12.38	16.50	20.63	24.75	33.00	41.25	49.50
Per Square Foot.....	.05 ½	.05 ½	.05 ½	.05 ½	.05 ½	.05 ½	.05 ½	.05 ½

2 Inch Mesh, No. 19 Wire, Galvanized After Weaving.

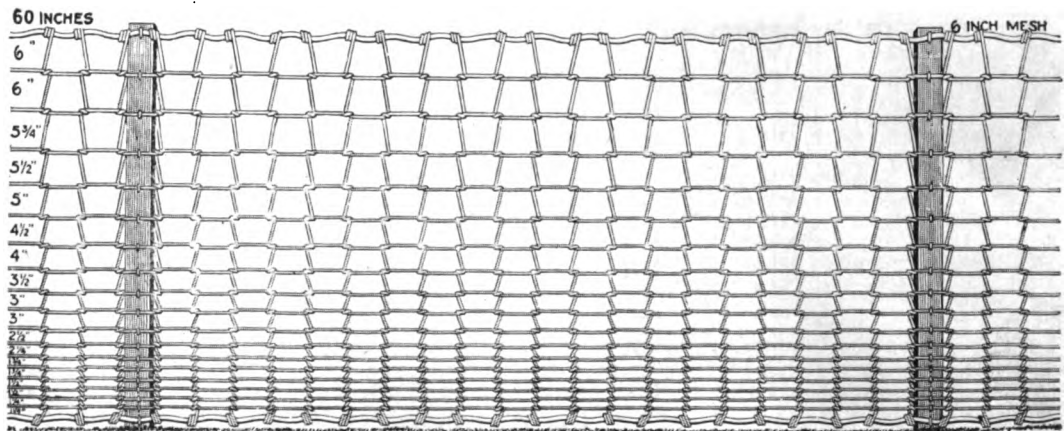
Nos.	120	180	124	130	136	148	160	172
Width, Inches	12	18	24	30	36	48	60	72
Square Feet Per Roll.....	150	225	300	375	450	600	750	900
Weight Per Roll, Lbs.....	12 ½	17 ½	23	28	33 ½	43	53	63
Per Roll, 150 Feet Long.....	\$3.75	5.63	7.50	9.38	11.25	15.00	18.75	22.50
Per Square Foot.....	.02 ½	.02 ½	.02 ½	.02 ½	.02 ½	.02 ½	.02 ½	.02 ½

Note—Galvanized After Weaving Carried in Stock. Galvanized Before Furnished to Order from Factory.

SPECIAL POULTRY AND STOCK FENCE

This Fencing is scientifically constructed from the best material, heavily and thoroughly galvanized. It is not as heavy as regular field fence nor is it as close at top as some poultry fencing. Instead it is a combination fence, so woven as to be proof or a protection against poultry and also a barrier to stock.

Top Bar No. 10	
Bottom Bar No. 10	
Line Wire No. 14	
Stay Wire No. 14	



The stays are in one piece running continuously from top to bottom and are interwoven so as to render it impossible to slip or spread the wires in any way. Neither heat nor cold affect this fence for the line wires have the Coiled Spring feature, which is self-regulating, thus keeping the fence in shape at all seasons.

Spacing between line wires, 1 ¼, 1 ½, 1 ¾, 2, 2 ¼, 2 ½, 3, 3 ½, 4, 4 ½, 5, 5 ½, 6 and 6 inches

Heavily Galvanized.

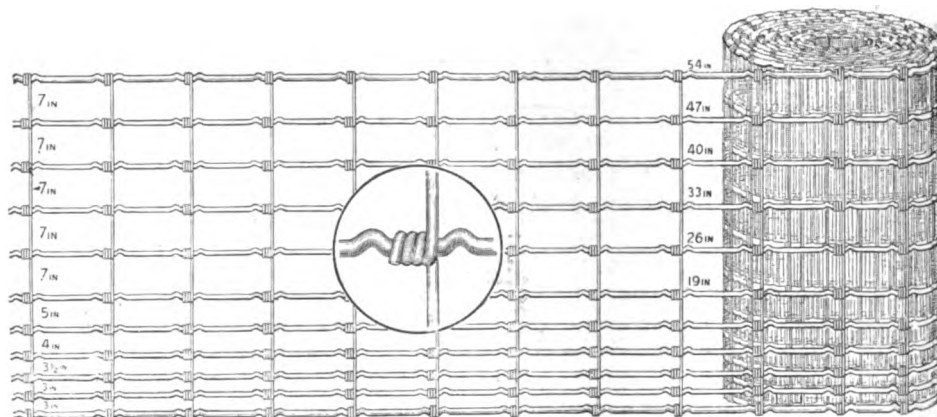
Margin Wires No. 10 High Carbon Coiled Spring Steel Wire, Intermediate Line Wires and Slack Wires No. 14 Galvanized Steel Wire.

Nos.	F1748	F1960
Height, Inches	48	60
Number of Horizontal Wires.....	17	19
Weight Per Rod, Lbs.....	8 ¼	9 ¼
Per Rod	\$0.74	.82

10 Rods in a Roll.

FIELD FENCE

SPECIAL DOUBLE CRIMP



Open Hearth High Carbon Steel, Heavily Galvanized.

Top and Bottom Wires No. 10, Intermediate Wires No. 12, Stay Wires No. 12. Twice as Many Tension Curves or Crimps. Gives a Double Tension Curve at the Knot, One on Either Side, and Prevents Any Possibility of the Knot Slipping and Also Gives Double Elasticity for Tensions and Changes of Temperatures. This Adds Greatly to the Life of the Fence

Spacing 3, 3, 3 1/2, 4, 5, 7, 7, 7, 7, 7 inches.

Stays 6 Inches Apart.

Nos.	619	626	633	640	647	654
Height, Inches	19	26	33	40	47	54
Horizontal Wires	6	7	8	9	10	11
Weight Per Rod, Lbs.	6	7	8	9	10 1/2	11
Per Rod	\$0.54	.63	.72	.82	.93	1.05

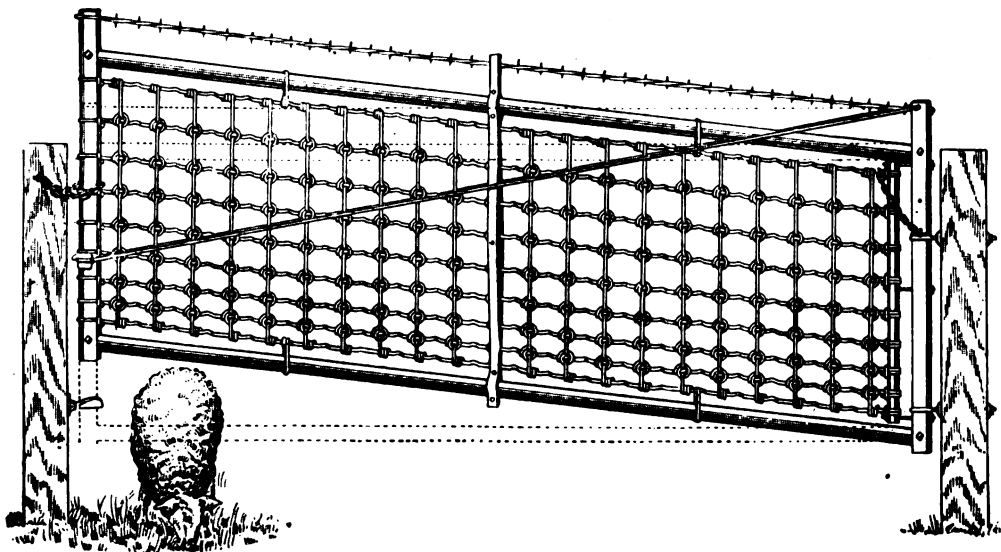
Stays 12 Inches Apart.

Nos.	1219	1226	1233	1240	1247	1254
Height, Inches	19	26	33	40	47	54
Horizontal Wires	6	7	8	9	10	11
Weight Per Rod, Lbs.	4 1/2	5 1/2	6 1/2	7	7 1/2	8 1/2
Per Rod	\$0.42	.48	.55	.62	.69	.77

10 Rods in a Roll.

FARM GATES

CHALLENGE TWO-BAR



No. 9 Heavily Hot Galvanized Wire Fabric, Stays 6 Inches Apart.

Opening, Feet	8	10	12	14	16
Height, Inches	54	54	54	54	54
Weight Each, Lbs.	75	90	110	120	135
Lead Zinc, Hot Galvanized	Each, \$7.15	8.15	9.15	10.15	11.15
Painted Rich Red	Each, 6.40	7.35	8.25	9.15	10.10

Regularly Shipped with Heavy Wrought Steel Eye Bolt Hinges for Wood Posts. Malleable Iron Fittings for Steel Posts 50 Cents Extra.

Leader Bars Heavy High Carbon Steel Tubing, with Brazed Seams, 1 1/8 inch Outside Diameter, End Bars High Carbon Steel. Special Rolled U Shape Top and Bottom Bars are Bolted Directly to U Bars.

Center Bar Made of Two Pieces Special Rolled High Carbon Steel Securely Bolted Around Frame.

Adjustable Truss Rod Raises Front End of Gate 30 inches and Hinge End Can be Raised 12 inches. This Permits Hogs, Sheep and Small Stock to Pass Under Gate and Snow Banks in Winter are Overcome.

Automatic Latch Absolutely Stock Proof Stretcher Bar Keeps Fabric at Proper Elastic Tension. Bared Wire at Top.

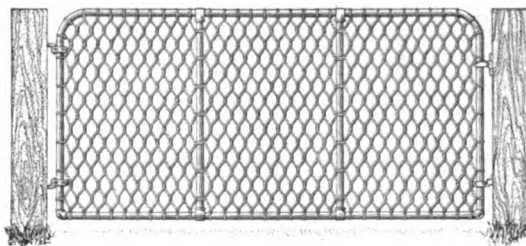
GATES

CYCLONE FARM, STYLE "D"

Frames of Heavy High Carbon Tubular Steel, Fittings of Best Grade Malleable Iron and Wrought Steel. Fabric Heavily Galvanized Wire Tightly Woven on to Frame. Every Wire Acts as a Brace.

Gates with 3 to 8 Foot Openings Have 1½ inch Steel Tubing; Larger, 1½ inch 8 foot Gates Have One Upright Brace and Larger Two Upright Braces.

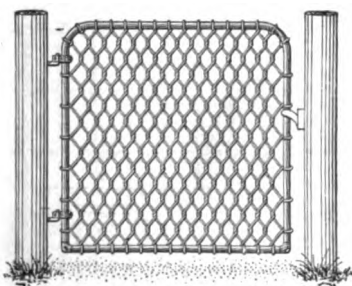
SINGLE DRIVE



Style D Gates, with Heavy Ornamental Scroll Top, Add to List for 8 to 14 Foot, \$1.20 Each.

Height, Inches	36	42	48	54
8 Foot Opening..... Each,	\$ 7.20	7.20	7.50	7.50
10 Foot Opening..... Each,	8.25	8.25	8.50	8.50
12 Foot Opening..... Each,	9.25	9.25	9.50	9.50
14 Foot Opening..... Each,	11.50	11.50	12.00	12.00

SINGLE WALK.



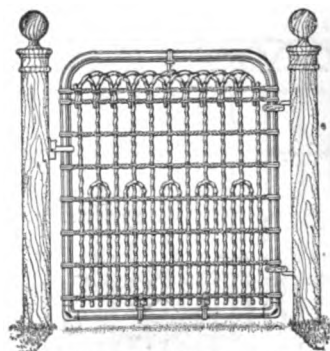
Cyclone Style "D".

Height, Inches	36	42	48	54
3 Foot Opening..... Each,	\$3.10	3.10	3.40	3.40
3½ Foot Opening..... Each,	3.50	3.50	3.80	3.80

The fabric is tightly woven on to the framework on Style "D" Gates in such a way as to make them absolutely sag proof.

Style D Walk Gates, with Heavy Scroll Top, 60 Cents Extra.

UNIVERSAL, SINGLE WALK

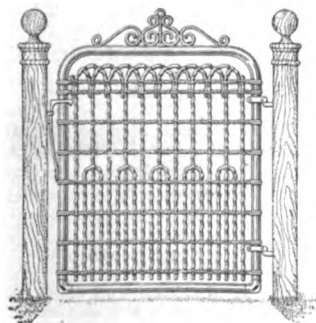


Frame, 1½ inch Tubular Steel. Fabric, No. 9 Galvanized Steel Wire. Pickets, 1½ inches Apart at Bottom and 2¾ inches at Top.

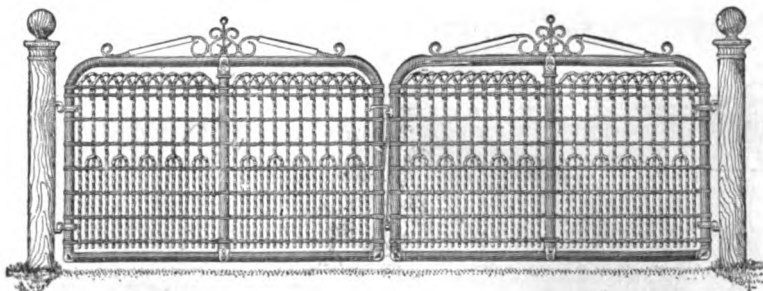
Complete with Hinges and Latch.

Height, Inches	36	42	48
3 Foot Opening..... Each,	\$3.80	3.80	3.80
3½ Foot Opening..... Each,	4.20	4.20	4.20
4 Foot Opening..... Each,	4.80	4.80	4.80

ORNAMENTAL, CYCLONE, STYLE F



Cut Shows Walk Gate.



Cut Shows Double Drive Gate.

Heavy Steel Tubing Frame, Painted Black, Filled with Ornamental Galvanized Wire, High Grade Malleable Iron Fittings, Heavy Ornamental Scroll on Top, Complete with Hinges and Latch for Wood Posts.

Single Walk.

1½ inch Tubing Frame.

Prices Each.

Height, Inches	36	42	48
3 Foot Opening.	\$4.80	4.80	4.80
3½ Foot Opening.	5.20	5.20	5.20

Note—Other Heights than Shown Above, to Order.

Single Drive.

1½ inch Tubing Frame.

Prices Each.

Height, Inches	36	42	48
8 Foot	\$10.00	10.00	10.00
10 Foot	11.00	11.00	11.00
12 Foot	12.00	12.00	12.00

Double Drive.

1½ inch Tubing Frame.

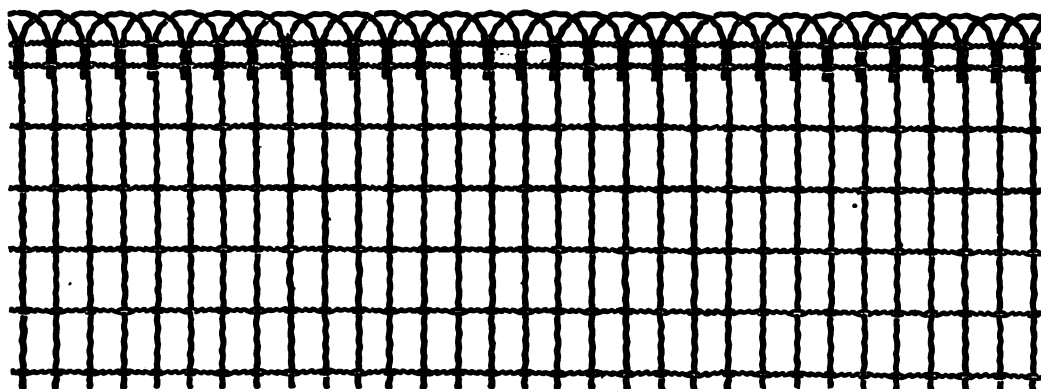
Prices Each.

Height, Inches	36	42	48
8 Foot	\$11.20	11.20	11.20
10 Foot	13.00	13.00	13.00
12 Foot	15.00	15.00	15.00

Note—For Galvanized Frames Add 10% to Net Price.

ORNAMENTAL FENCE FABRIC

CYCLONE, STYLE "L EXTRA" FABRIC



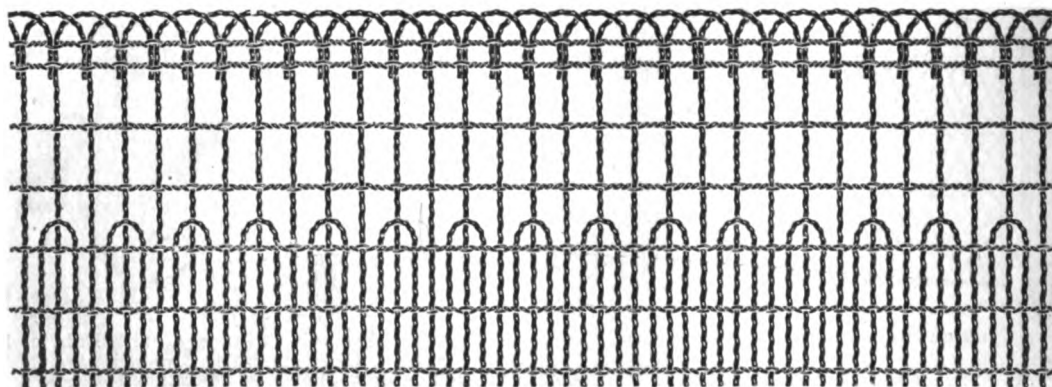
Heavy Galvanized Bessemer Steel Wire, Corrugated Uprights.

No. 9 Wire Corrugated Uprights, Spaced 2 1/2 inches Apart, No. 12 Cabled Line Wires, Spaced 6 inches Apart, Except the Two Top Cables, which are Spaced 2 1/2 inches Apart.

Nos.	36L	42L	48L
Height of Fabric, Inches.....	36	42	48
Number of Cables.....	7	8	9
Per Lineal Foot.....	\$0.16	.17	.19

In Twenty Rod Rolls.

CYCLONE, STYLE "F" FABRIC



Heavy Galvanized Bessemer Steel Wire, Corrugated Uprights.

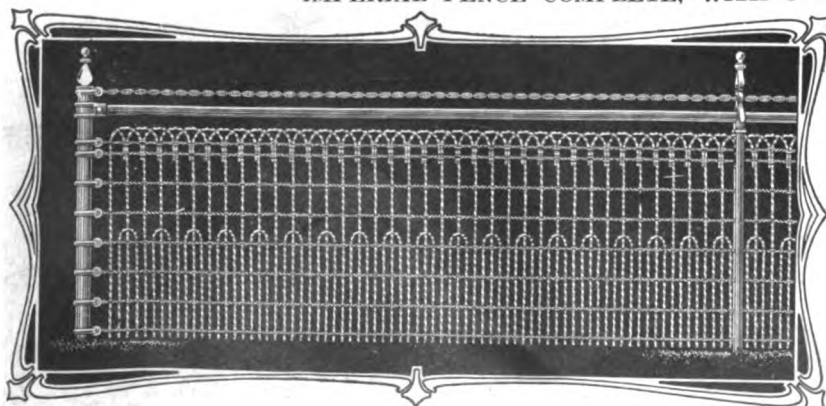
No. 9 Wire Corrugated Uprights, Spaced 2 1/2 inches Apart at Top, with an Additional No. 9 Wire Upright Interwoven so as to Give an Extra Close Spacing of 1 1/2 inches at the Bottom, No. 12 Wire Cables Spaced 6 inches Apart, Except the Two Top Cables which are Placed 2 1/2 inches Apart.

Nos.	36F	42F	48F
Height of Fabric, Inches.....	36	42	48
Number of Cables.....	7	8	9
Per Lineal Foot.....	\$0.20	.22	.25

In Twenty Rod Rolls.

Note—All Above Carried in Stock; Send for Special Fencing Catalog for Other Sizes and Styles.

IMPERIAL FENCE COMPLETE, WITH CYCLONE STYLE "F" FABRIC



Frame Painted Black.

Height Complete Fence, Inches.....	36	42	48
Per Lineal Foot	\$0.72	.76	.82

Note—Not Carried in Stock, Shipped Direct from Factory with Instructions for Putting Up. Send for Special Fencing Catalog for Other Sizes and Styles.

Note—For Galvanized Frame Add 10% to Net Price.

The Imperial is the Most Popular Style of Fencing—the Standard Lawn Fence of America.

No Other Fence so Perfectly Combines Simplicity with Artistic Beauty. A Rich Looking, Dignified, Handsome Design, Suitable for Any Home.

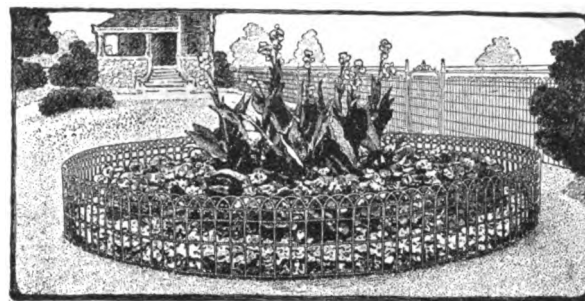
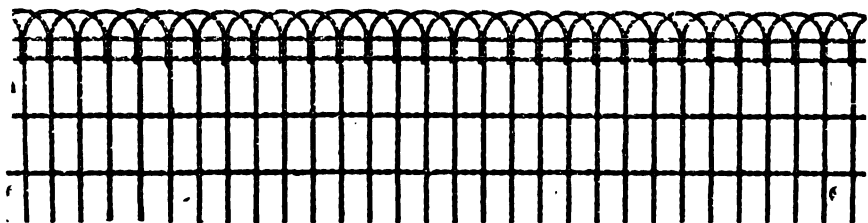
Specifications.

End, Gate and Corner Posts of Heavy 2 inch Tubular Iron.

Intermediate Posts Heavy 1 1/2 inch Tubular Iron, Placed 1/2 inch Apart, Allowing Fabric to Pass Between, Giving Fence a Finished Effect from Both Sides. Rails are Heavy 1 1/2 inch Tubular Iron. Top Cable Four Strand Heavy Galvanized Wire, Braided.

Framework is Heavily Galvanized or Painted Black.

FLOWER BED GUARD AND LAWN BORDER

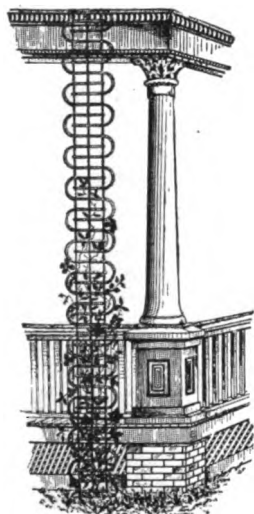


Pickets are of No. 9 and Cables of No. 13 Heavily Galvanized Wire. No Posts are Required.

Nos.	316	422
Height, Inches	16	22
Number of Cables.....	3	4
Per Lineal Foot.....	\$0.10	.11

In Ten and Twenty Rod Rolls.

The Pickets are left Projecting for insertion in the ground; easily applied to any form or size of flower bed.



CYCLONE TRELLIS

Heavily Galvanized Wire, Corrugated Wires are of No. 10 and Cables of No. 13 Wire.

Single.

Nos.	180	240
Width, Inches	18	24
Per Lineal Foot.....	\$0.08	.10

In Ten and Twenty Rod Rolls.

The Trellis here shown is practical and durable in construction, and very attractive in appearance. Just the thing for climbing vines and flowers.

Being made of heavy wire, it retains its shape perfectly, therefore is easily placed in position, and will last indefinitely.

RUBBISH BURNERS

WIRE



Fire and Sparks can't blow away and spread with these burners. The punched metal gives enough metal to hold the hot papers and ashes. Enough holes to burn up every bit. An easy way of disposing of rubbish that is always accumulating. Keeps the house, attic, cellar and factory clean—does it safely and lessens the fire risk because there are no dangerous rubbish piles.

NESCO SAFETY



Extra Heavy Wire, Woven, with Heavy Wire Frame and Edges.
Hinged Cover.

Nos.	941	942	943
Size, Inches	18x18	21x21	24x24
Per Dozen	\$24.00	31.00	38.00

Heavy Steel, Japanned Black, with Covers and Side Handles.

Nos.	1	2	3	4
Diameter, Inches ...	12 1/2	14	16 1/2	20
Height, Inches	21	24 1/2	27	33
Per Dozen	\$28.00	32.00	40.00	48.00

Nestable for Shipping or Storage.

FENCE WIRE

BARBED



Two Point, Round Barbs, Glidden Pattern, 12 Gauge Wire.

Hog (Barbs 3 Inches Apart).

Galvanized—Catch Weight Spools.....	Per 100 Pounds
Galvanized—80 Rod Spools.....	Per 80 Rod Spool

Cattle (Barbs 5 Inches Apart).

Galvanized—Catch Weight Spools.....	Per 100 Pounds
Galvanized—80 Rod Spools.....	Per 80 Rod Spool



American Special, Two Point, Round Barbs, No. 14 Wire.

Hog (Barbs 3 Inches Apart).

Galvanized—80 Rod Spools.....	Per 80 Rod Spool
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Cattle (Barbs 5 Inches Apart).

Galvanized—80 Rod Spools.....	Per 80 Rod Spool
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PLAIN TWISTED OR CABLE



Two Strand.

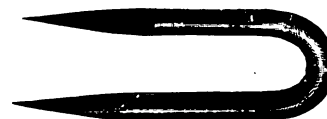
Per 100 Pounds

Galvanized, No. 12½ Wire, Twisted, without Barbs.....	Per 100 Pounds
About One Hundred Pounds on a Spool.	

FENCE STAPLES



Full Size Cut of 1¼ Inch.



Full Size Cut of 1½ Inch.

No. 9 Wire, Annealed and Polished.

Inches	1	1½	1¾	1½	1¾	2
Number to Pound..	108	96	87	72	65	58
Per 100 Pounds..	\$.....					

No. 9 Wire, Annealed and Polished.

Inches	1	1½	1¾	1½	1¾	2
Number to Pound..	108	96	87	72	65	58
Per 100 Pounds..	\$.....					

One Hundred Pounds in a Keg.

About 4 Pounds of Staples Required to One Mile of Fence, One Strand, Posts One Rod Apart.

PLAIN FENCE WIRE



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Annealed.

Gauge Nos.	2	4	7	8	9	10	11	12	12½	13	14	15	16	18
Advance Per 100 Lbs.....	Base	Base	Base	Base	Base	\$0.05	.10	.15	.15	.25	.35	.45	.55	.85
Per Pound	\$.....													

Galvanized.

Gauge Nos.	6	8	9	10	11	12	12½	13	14	15	16	18
Advance Per 100 Lbs.....	\$0.70	.70	.70	.75	.80	.85	.85	.95	1.05	1.50	1.60	2.30
Per Pound	\$.....											

One Hundred Pounds in a Bundle.

TABLE OF SIZE, WEIGHT AND LENGTH OF WIRE

Gauge Nos.	6	7	8	9	10	11	11½	12	12½	13	14	15	16	18
Diameter, Inches .....	.1920	.1770	.1620	.1483	.1350	.1205	.1120	.1055	.0990	.0925	.0800	.0720	.0625	.0475
Length of 1 Pound, Feet...	10½	12	14¼	17¼	20½	26	30	34	39	45	59	73	96	166.2
Weight of 100 Feet, Lbs....	9.73	8.03	6.96	5.08	4.83	3.82	3.37	2.92	2.58	2.24	1.69	1.37	1.05	.61
Weight of 1 Mile, Lbs.....	519.2	441.2	369.6	309.7	256.7	204.5	180.5	156.7	138.7	117.9	90.13	73.01	55.01	31.77

STAY WIRE

No. 8—Galvanized, 5 Pounds in a Bundle.....	Per Pound
	\$.....

TELEPHONE AND TELEGRAPH WIRE

W. & M., HIGH GRADE, DOUBLE GALVANIZED



Manufactured by the most approved process, from the finest materials. It is thoroughly and uniformly double galvanized, shows the highest results on expert test for electrical conductivity, complies with the exacting requirements of the largest Telegraph and Telephone Companies, and is accepted as standard by them.

EX. B. B. "EXTRA BEST BEST"

Gauge Nos.	4	6	8	9	10	11	12	14
Approximate Breaking Strain in Lbs.	2,028	1,475	975	785	645	515	425	247
Resistance Per Mile in Ohms at 68° F.	5.80	7.97	12.05	14.97	18.22	22.82	27.65	47.48
*Per Pound	\$....	....	....	....	....	....	....	....

Made by Improved Continuous Process from the Best Iron, is the highest quality. Uniform and Tough.

B. B. "BEST BEST"

Gauge Nos.	4	6	8	9	10	11	12	14
Approximate Breaking Strain in Lbs.	2,271	1,652	1,092	879	722	577	476	277
Resistance Per Mile in Ohms at 68° F.	6.91	9.49	14.36	17.84	21.71	27.19	32.94	56.56
*Per Pound	\$....	....	....	....	....	....	....	....

Less Uniform and Tough than Ex. B. B., but Stands Good Mechanical Test. Most commonly used for Telephone and Telegraph Work.

STEEL

Gauge Nos.	4	6	8	9	10	11	12	14
Approximate Breaking Strain in Lbs.	2,433	1,770	1,170	942	774	618	510	297
Resistance Per Mile in Ohms at 68° F.	8.01	11.02	16.71	20.70	25.29	31.55	38.23	65.66
*Per Pound	\$....	....	....	....	....	....	....	....

More expressly designed for short line telephone service and long spans, has great strength but lower conductivity.

*Price in Lots of 1,500 Pounds, ¼ Cent Per Pound Advance for less than 1,500 Pounds.

Sizes 8 to 14 inclusive, one-half mile in a coil; size 6 one-third mile in a coil; size 4 one-quarter mile in a coil.

TABLE OF SIZES AND WEIGHTS

Gauge Nos.	4	6	8	9	10	11	12	14
Diameter in Miles—d	238	203	165	148	134	120	109	83
Weight Per 1,000 Feet, Lbs.	153	112	74	60	49	39	32	19
Weight Per Mile, Lbs.	811	590	390	314	258	206	170	99

Note—Not Carried in Stock, Shipped Direct from Mill. Prices on Application.

BALE TIES

SINGLE LOOP

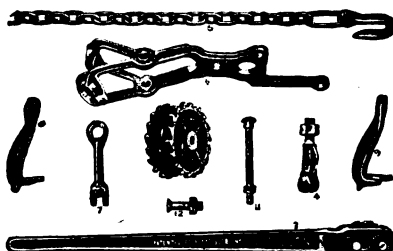


	7	7½	7¾	No. 14 Wire.	8	8¼	8½	8¾	9	9¼	9½
Length, Feet	31.3	32.4	33.4	34.5	35.6	36.6	37.7	38.8	39.8	40.9	42.0
Weight Per Bundle, Lbs.	\$4.82	4.97	5.10	5.26	5.40	5.54	5.69	5.84	5.97	6.13	6.28
Per Bundle of 250 Ties											
Length, Feet	9¾	10	10¼	10½	10¾	11	11¼	11½	11¾	12	
Weight Per Bundle, Lbs.	43.0	44.1	45.2	46.2	47.3	48.4	49.4	50.5	51.6	52.6	
Per Bundle of 250 Ties	\$6.41	6.56	6.71	6.85	7.00	7.15	7.28	7.43	7.58	7.72	

250 Ties in a Bundle.

FENCE STRETCHERS

DILLON COMBINATION



A Combination Hoist and Fence Stretcher.

Dillon Combination—Capacity 5,000 Lbs., Made of Malleable Iron and Steel, with Handle Attached, Complete with 5 Foot Hardwood Clamp and 8½ B. B. Proof Tested Chain. \$7.50
The Dillon will pull 80 Rods tight up to the last post for stapling with one hitch. Will also pull stumps, move buildings, set machinery, swing a sick horse off the floor, skin beef, hoist anything, pull anything and stretch anything. A machine guaranteed in every way, that will handle 2½ tons easily.

Weight Each 60 Pounds.

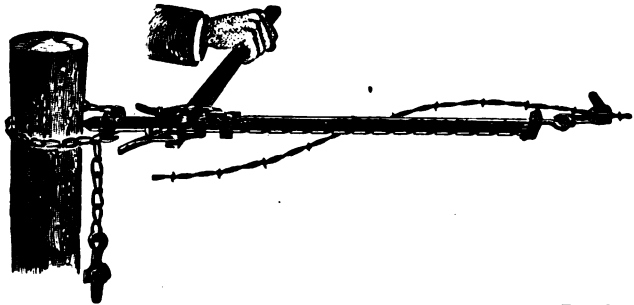
EXTRA PARTS

No.	Each
1—Left Ratchet Wheel	\$0.70
2—Right Ratchet Wheel	.70
3—Handle	1.00
4—Back Clevis	.30
5—Chain	2.00
6—Main Frame and Upper Chain Guide	1.00
7—Side Clevis	.30
8—Left Dog	.30
9—Right Dog	.30
10—Sprocket Wheel	.50
11—Bolt	.20
12—Plow Bolt	.30
13—Lower Chain Guard	.30
Clamp, Complete with Bolts	1.50

Note—Main Frame No. 6 is now being made in two parts, the lower eye being No. 13.

WIRE STRETCHERS

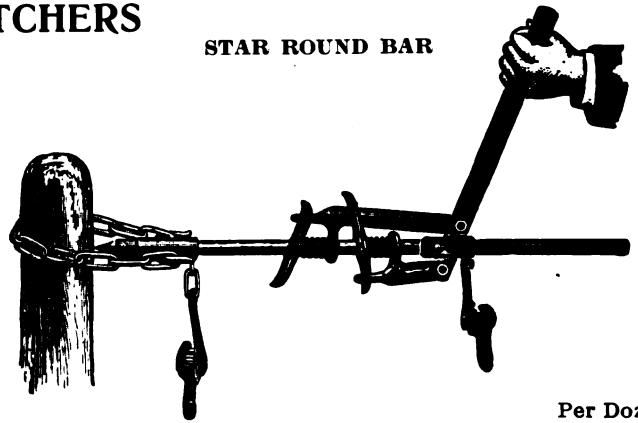
ELWOOD, ROD EXTENSION



- No. 2—Flat Steel Bar, Double Ratchet with Extension Rod, Chain Fastening, Self-Supporting, Length 30 inches **\$13.00**
 Weight Per Dozen 64 Pounds.

Extra Dogs, for No. 2 **\$2.00**

STAR ROUND BAR

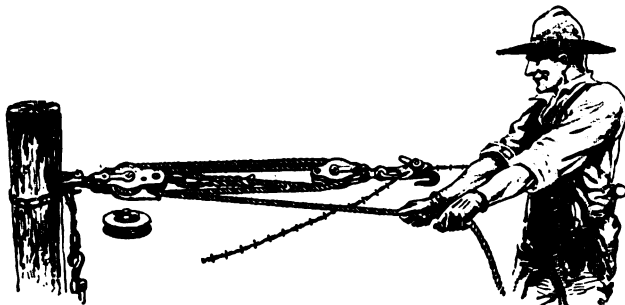


- No. 1—Round Steel Bar, Double Acting, Self-Supporting, Chain Fastening **\$13.00**
 Operator can use the lever in any position on the upper or under side of and on either side of fence.
 Weight Per Dozen 60 Pounds.

REPAIRS FOR No. 1 STAR WIRE STRETCHER

Each	Each	Each
No. S1—Long Clutch on Bar.... \$0.15	No. S6—Wrought Bar \$0.35	No. S8—Wire Clamp Complete. \$0.20
No. 1—Short Clutch on Bar.... .15	No. S7—Lever or Handle..... .20	No. S9—Spring ..... .05
No. S3—Chain Hook ..... .15	No. 3—Part of Wire Clamp... .12	No. S2—Slide on Bar..... .15
No. S4—Short Coupling ..... .15	No. 455—Part of Wire Clamp... .08	No. S10—Chain ..... .20
No. S5—Long Coupling ..... .20		

STAR TACKLE BLOCKS



- Roller Bearing.** Per Dozen
 No. 482BB—Steel Blocks, Malleable Iron Straps, Removable Steel Axles, Hardened Steel Roller Bearings, Automatic Lock, Never Slips, Self-Supporting, with Chain and 16 feet $\frac{3}{4}$ inch Rope, Improved Wire Clamp **\$18.00**
 No. 482—Same as No. 482BB, but Plain Steel Bearings **17.00**
 Extra Dogs, with Hooks **2.40**
 Weight Per Dozen 66 Pounds.

FENCE PLIERS

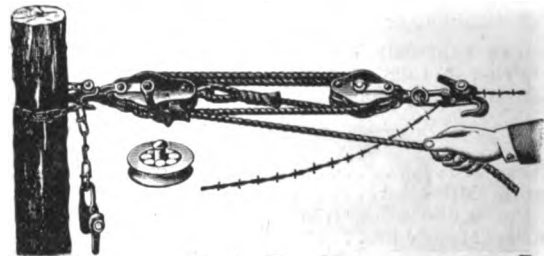


- Ten Tools in One.** Per Dozen
 No. 20—Combined Staple Puller and Fence Plier, 11 inches Long, Forged Tool Steel, Weight About 1 $\frac{1}{4}$ Lb. **\$19.00**
 Weight Per Dozen 22 Pounds.



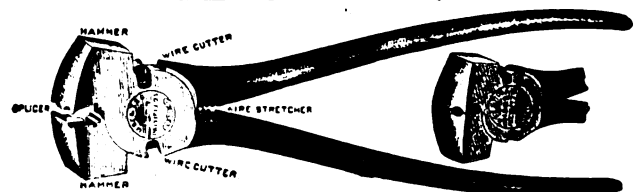
- Black Bull.** Per Dozen
 No. 1900—Combined Fence Plier and Staple Puller, Length 10 inches, Forged Tool Steel, Full Polished Head, Dark Blue Handles, Checkered, Combining 2 Wire Cutters, 2 Hammers, 3 Nail Pullers, 3 Staple Pullers, 1 Single and 1 Double Wire Splicer and Wire Stretcher. **\$18.00**
 Weight Per Dozen 25 Pounds.
 One-half Dozen in a Box.

GIANT TACKLE BLOCKS



- Roller Bearing.** Per Dozen
 No. 498—Large Steel Blocks, Heavy Malleable Iron Straps, Removable Steel Axles, Hardened Steel Roller Bearings, Automatic Lock, Never Slips, Self-Supporting, with Chain and 23 feet $\frac{1}{2}$ inch Manila Rope, Improved Wire Clamp. **\$30.00**
 Weight Per Dozen 110 Pounds.

FENCE PLIERS



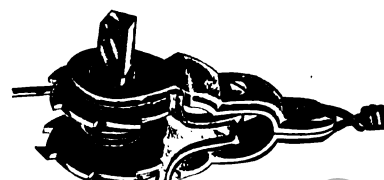
- Utica Combination.** Per Dozen
 No. 19—10 inch, Tool Steel, Black Finish. **\$12.00**
 Weight Per Dozen 20 Pounds.
 One-half Dozen in a Box.

STAPLE PULLER AND COLD CHISEL



- Enderes—Length 8 inches, Drop Forged from Best Tool Steel Throughout** **\$9.00**
 Wt. Per Dozen 10 Pounds.
 Open Stock.

FENCE RATCHETS



- No. 10—Electric, Wrought Steel, Large Capacity, Tightens Any Length of Wire** **\$1.20**

BASKETS

STAVE



Narrow Band.

No. NB $\frac{1}{2}$ — $\frac{1}{2}$ Bushel, Narrow Band, with Bail.....\$2.50
Weight Per Dozen 28 Pounds.
One-half Dozen in a Bundle.



Narrow Band.

No. NB1—1 Bushel, Weight Per Dozen 40 Lbs.....\$2.60
One-half Dozen in a Bundle.

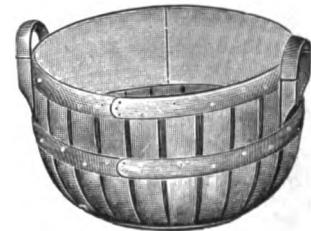


No. 0 $\frac{1}{2}$ —Briggs, $\frac{1}{2}$ Bushel, Jointed Oak Stave, Galvanized Iron Band Around Center, Double Board Bottom, with Bail\$5.50
Weight Per Dozen 30 Pounds.
One-half Dozen in a Bundle.



Wide Band.

No. WB1—1 Bushel, Weight Per Dozen 50 Lbs.....\$3.00
No. WB $\frac{1}{2}$ — $\frac{1}{2}$ Bushel, Weight Per Dozen 60 Lbs..... 4.00
No. WB2—2 Bushel, Weight Per Dozen 80 Lbs..... 6.00
One-half Dozen in a Bundle.



Racine, Wide Band.

No. 1—1 Bushel, Weight Per Dozen 50 Lbs.....\$4.00
No. 1 $\frac{1}{2}$ — $\frac{1}{2}$ Bushel, Weight Per Dozen 60 Lbs..... 5.00
No. 2—2 Bushel, Weight Per Dozen 80 Lbs..... 7.00
One-half Dozen in a Bundle.

STAVE.



Briggs, Oak Stave, Galvanized Iron Band, Double Board Bottom.

No. 01 —Briggs, 1 Bushel, Wt. Per Dozen 45 Lbs. \$ 6.00
No. 01 $\frac{1}{2}$ —Briggs, 1 $\frac{1}{2}$ Bushel, Wt. Per Dozen 58 Lbs. 9.00
No. 02 —Briggs, 2 Bushel, Wt. Per Dozen 74 Lbs. 15.00

One-half Dozen in a Bundle.

DOUBLE ELM SPLINT



Extra Quality, Tightly Woven, Very Desirable for Factory or Farm.

No. E1 —1 Bushel, Weight Per Dozen 60 Lbs....\$ 7.50
No. E1 $\frac{1}{2}$ — $\frac{1}{2}$ Bushel, Weight Per Dozen 63 Lbs.... 8.50
No. E2 —2 Bushel, Weight Per Dozen 65 Lbs.... 10.00
No. E3 —3 Bushel, Weight Per Dozen 78 Lbs.... 12.00
No. E4 —4 Bushel, Weight Per Dozen 92 Lbs.... 14.00
One-half Dozen in a Bundle.

BASKETS

STEEL



Refined Smooth Steel, Galvanized, Corrugated Bottom, with Bail and Side Handle.

No.	1 1/2 G
Capacity, Bushels	1 1/2
Inches	14x9
Weight Per Dozen, Lbs.....	54
Per Dozen	\$8.00

STATIONARY HANDLE



Refined Smooth Steel, Galvanized, Corrugated Body and Bottom, Heavy Stationary Handles.

Nos.	1GS	1 1/2 GS
Capacity, Bushels	1	1 1/2
Inches	17 1/2 x 11 3/4	21 x 12 1/4
Weight Per Dozen, Lbs.....	70	85
Per Dozen	\$12.00	15.00



Refined Smooth Steel, Galvanized, Corrugated Bottom, Drop Handles.

Nos.	1G	1 1/2 G
Capacity, Bushels	1	1 1/2
Inches	17 1/2 x 11 3/4	21 x 12 1/4
Weight Per Dozen, Lbs.....	65	80
Per Dozen	\$11.00	14.00

HALL'S



Galvanized Steel, Corrugated, Riveted and Soldered, Double Bottom, 1/4 inch Bessemer Steel Rod Rolled into the Top Edge, Strong 5/8 inch Rope Handles.

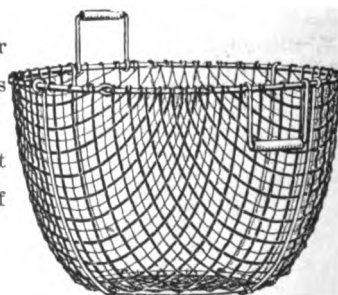
Nos.	1	1 1/2	2
Capacity, Bushels	1	1 1/2	2
Weight Per Dozen, Lbs....	75	90	110
Per Dozen	\$18.00	22.50	27.00

WIRE VEGETABLE



Just Right for Potatoes and Other Root Crops, Also for Carrying Grass Clippings or Fish, Etc.

Coated After Made by the Hot Process which Produces a Rust Proof Basket with Every Joint Soldered.



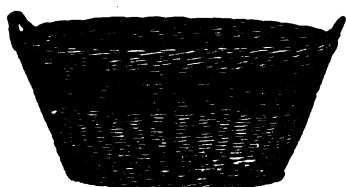
1 Inch Mesh, Hard Steel Wire Cloth, Galvanized.

No. 93-1—Androck, 1/2 Bushel, 15 inch Diameter, Strongly Braced, Wire Clinched on Heavy Frame, Drop Bail with Wood Grip.....	Per Dozen \$10.50
Weight Per Dozen 30 Pounds.	

1 Inch Mesh, Hard Steel Wire Cloth, Galvanized.

No. 93-2—Androck, 1 Bushel, 15 inch Diameter, Strongly Braced, Wire Clinched on Heavy Frame, Drop Handles with Wood Grips.....	Per Dozen \$18.00
Weight Per Dozen 56 Pounds.	

WILLOW



Oval Pattern.

Nos.	W2	W3	W4	W5
Size	Small	Medium	Large	Ex. Large
Inches, Top Measure	27x19x11	29x20x12	31x21x13	32x22x14
Wt. Per Doz., Lbs.	27	42	47	52
Per Dozen	\$18.00	20.00	22.00	24.00

One-half Dozen in a Bundle.

CLOTHES

ELM SPLINT

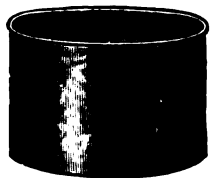


Board Bottom, Oval.

Nos.	E02	E03
Inches, Top Measure.....	27x19 1/2 x 11	29x21x11 1/2
Weight Per Dozen, Lbs.....	20	22
Per Dozen	\$10.00	12.00

One-half Dozen in a Bundle.

FEED MEASURES



Galvanized, Corrugated Iron Bottom.			
Nos.	60	61	62
Quarts	1	2	4
Inches	5 1/4 x 3 3/4	6 3/4 x 4 1/2	9 x 5 3/4
Wt. Doz., Lbs.	9	11	12
Per Dozen ...	\$2.40	3.00	4.00
Nos.	62 1/2		63
Quarts	6		8
Inches	9 1/4 x 7 1/4		10 1/4 x 8 3/4
Wt. Doz., Lbs.	14		16 1/2
Per Dozen ...	\$4.75		6.00

One-half Dozen in a Bundle.



Corrugated Iron Bottom, Side Handles.	
	Per Dozen
No. 71—Japanned, 1/2 Bushel, 13x10 3/8 inch, Graduated for 1/2, 1 and 1 1/2 Pecks.....	\$5.00
No. 72—Galvanized, 1/2 Bushel, 13x10 3/8 inch, Graduated for 1/2, 1 and 1 1/2 Pecks.....	8.50
Weight Per Dozen 34 Pounds. One-half Dozen in a Bundle.	



Corrugated Iron Bottom, Side Handles and Ball.	
	Per Dozen
No. 73—Japanned, 1/2 Bushel, 13x10 3/8 inch, Graduated for 1/2, 1 and 1 1/2 Pecks.....	\$5.50
No. 74—Galvanized, 1/2 Bushel, 13x10 3/8 inch, Graduated for 1/2, 1 and 1 1/2 Pecks.....	9.00
Weight Per Dozen 44 Pounds. One-half Dozen in a Bundle.	

DRY MEASURES



Made to Conform with the Laws of
the U. S., Wisconsin, and Other Individ-
ual States.

Absolutely Correct.



Japanned, Extra Heavy.					
Nos.	15	25	35	45	*55
Capacity	1 Qt.	2 Qt.	1/2 Pk.	1 Pk.	1/2 Bu.
Ins. Diam., In..	5 3/4 x 3	6 3/4 x 3 1/8	8 1/2 x 4 3/4	11 x 5 1/8	14 x 7
Wt. Dozen, Lbs..	10	13	18	26	50
Per Dozen.....	\$1.80	2.40	3.00	4.20	6.00

*No. 55 has Side Handles.

One-half Dozen in a Crate.

Galvanized, Extra Heavy.					
Nos.	75	85	95	105	*115
Capacity	1 Qt.	2 Qt.	1/2 Pk.	1 Pk.	1/2 Bu.
Ins. Diam., In..	5 3/4 x 3	6 3/4 x 3 1/8	8 1/2 x 4 3/4	11 x 5 1/8	14 x 7
Wt. Dozen, Lbs.	11	15	22	32	60
Per Dozen.....	\$3.00	4.00	5.75	8.00	12.00

*No. 115 has Side Handles.

One-half Dozen in a Crate.

CREAM CITY



Galvanized, Red Banded, Flat Iron Bottom, Straight Sides, Top
Edges Reinforced with Welded Iron Hoops.

Nos.	5RB	10RB	15RB	20RB	*25RB
Capacity	1 Qt.	2 Qt.	1/2 Pk.	1 Pk.	1/2 Bu.
Ins. Diam., In..	5 3/4 x 2 1/8	6 3/4 x 3 3/8	8 3/4 x 4 3/8	10 3/4 x 5 1/4	14 x 7
Wt. Dozen, Lbs.	12	16	24	34	62
Per Dozen.....	\$5.25	6.00	8.40	10.80	15.00

*No. 25RB has Side Handles.

One-half Dozen in a Crate.

WOOD



Elm, Galvanized Iron Bound.

Nos.	100W	200W	300W
Capacity	4 Quarts	1 Peck	1/2 Bushel
Weight Per Dozen, Lbs.	18	30	36
Per Dozen	\$4.80	6.00	6.60

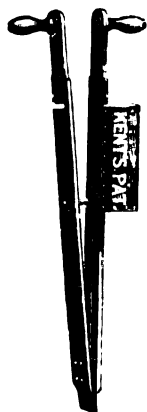
One-half Dozen in a Crate.

CORN PLANTERS

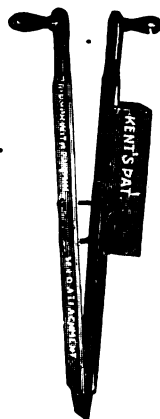
TRIUMPH

SEGMENT

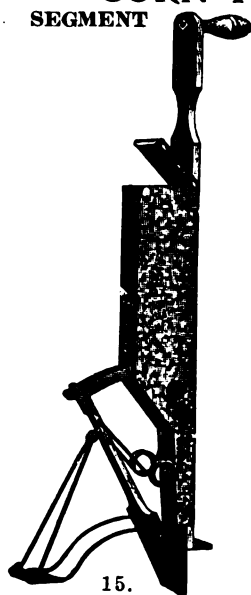
AMERICAN AUTOMATIC



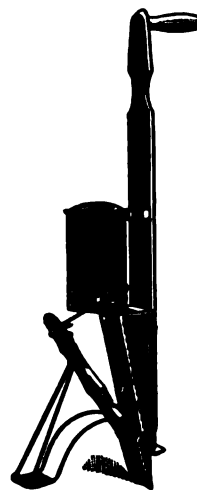
No. 1.



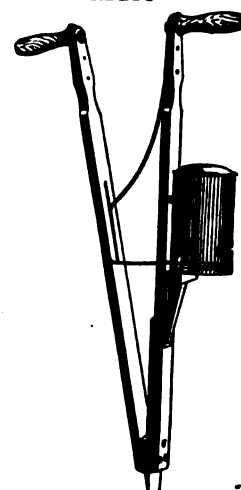
No. 2.



15.



Nos. 3 and 4.



No. 30. Per Dozen

- No. 1—Without Pumpkin Seed Attachment, 34 inches Long, Varnished Wood Frame and Handles, Japanned Steel Box, Weight Per Dozen 55 Lbs. . . . \$10.20
- No. 2—With Pumpkin Seed Attachment, 34 inches Long, Varnished Wood Frame and Handles, Japanned Steel Box, Weight Per Dozen 65 Lbs. . . . 15.00
- No. 15—Segment, 33½ inches Long, Corn and Bean Planter, Galvanized Steel Box and Hopper, Chinese Bristle Brush, Double Coil Steel Springs, Adjustable Depth Gauge, All Working Parts are of Pressed Sheet Steel, Weight Per Dozen 60 Lbs. . . . 21.00
- One-half Dozen in a Crate.

- No. 3—One Hand, 34 inches Long, Fitted with Sheffield's Patent Adjustable Seed Disc and Spring Brass Cut-Off, Adapted Especially for a Light Seeder, but has Capacity of from Two to Seven Kernels, as Desired, of Common Dent Corn, Weight Per Dozen 80 Lbs. . . . \$30.00
- No. 4—One Hand, a Medium to Heavy Dropper for General Purpose Field Corn Planting, Otherwise Same as No. 3. . . . 30.00
- No. 30—Two Hand, 35 inches Long, Otherwise Same as No. 3, Weight Per Dozen 100 Lbs. . . . 29.00
- The disc is adjustable for all sizes and number of kernels, and rotates similar to the disc in a horse planter. The seed rests upon the disc in such a manner as to form a force feed, which insures a perfectly uniform seeding. One-half Dozen in a Crate.

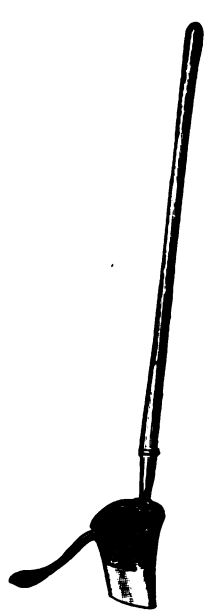
POTATO PLANTERS

ACME

ACME

WABER'S TUBULAR

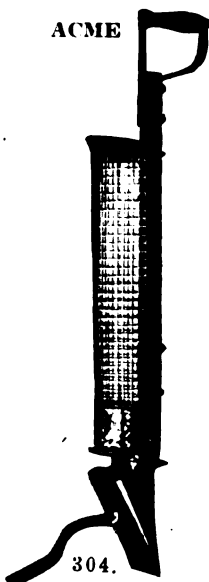
INVINCIBLE



No. 300.



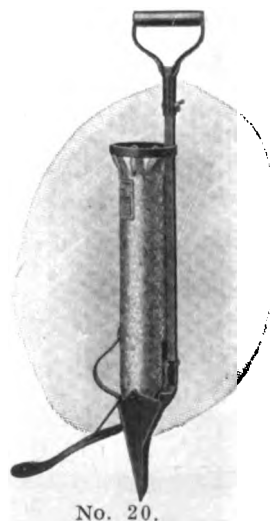
No. 301.



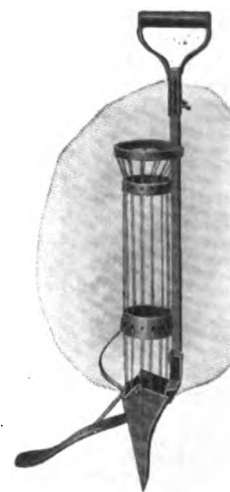
304.

Per Dozen

- No. 300—Acme, Length 42 inches, Especially Rolled Bright Steel Jaws, Bright Polished Point, Malleable Iron Socket, Freely Swinging Pivot, Strong Handle Set into Socket, Trip Lever Riveted to Blade, Weight Per Dozen 35 Lbs. . . . \$12.00
- No. 301—Acme Self-Locking, Length 42 inches, Especially Rolled Bright Steel Jaws, Polished Points, Malleable Iron Socket Riveted to Back Jaw, Hardwood Handle, Adjustable Dump or Depth Gauge, Black Japanned, Trip Lever Riveted to Body, Weight Per Dozen 30 Lbs. . . . 12.00
- No. 304—Acme Wire Tubular, Bright Steel Jaws, Strong Hardwood Handle, Set into Malleable Iron Socket, Securely Riveted to Back Socket, Galvanized Wire Mesh Conveying Tube, Adjustable Dump or Depth Gauge, Weight Per Dozen 50 Lbs. . . . 21.00
- Nos. 300 and 301, One Dozen; Nos. 304, One-half Dozen in a Crate.



No. 20.



No. 30.

- No. 20—Waber's Tubular, Steel Tube, Adjustable Handle to Suit the Height of the Operator, Heavy Steel Jaws, Unbreakable Spring, Will Not Clog, Weight Per Dozen 80 Lbs. . . . \$21.00
- No. 30P—Invincible, Open Steel Tube, Leaving Seeds in Plain View, Will Not Clog, Adjustable Handle to Suit the Height of the Operator, Sharp Steel Jaws, Unbreakable Spring with Two Leaves, Handle is Hung Forward of the Center of the Stick, Directly Over the Lower Point of Planter, Weight Per Dozen 70 Lbs. . . . 21.00

One-half Dozen in a Crate.

SEEDERS

LITTLE WONDER

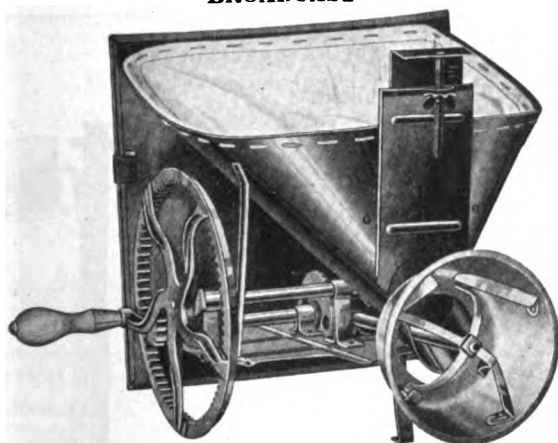


For Sowing All Kinds of Seed.

Per Dozen

No. 2—Little Wonder Seeder, One Piece Frame, Carrying All Bearing Parts, Feed Plate and Agitating Device are of Heavy Sheet Steel, Spring Steel Adjustments, Heavy Duck Hopper, Capacity $\frac{1}{2}$ Bushel, Patent Inter-Lock, Double Flange, Non-Solder Joint Distributing Wheel, Well Built, Nicely Painted and Finished Throughout, Weight Per Dozen 50 Lbs. \$18.00

BROADCAST



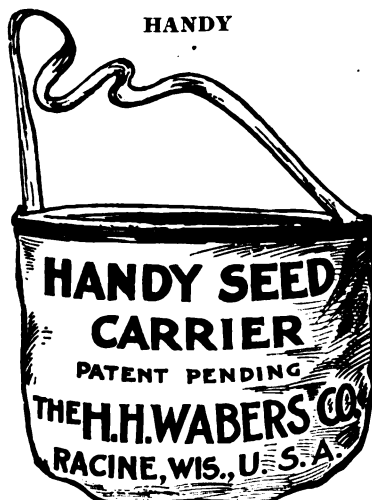
For Sowing Clover, Timothy, Millet, Some Grass Seeds and Grain. Per Dozen

No. 90—Pressed Steel Frame, Bearing Riveted Onto Frame, Frame Securely Riveted to Back and Hopper and Fastened by Two Braces, Cold Rolled Steel Shafts \$36.00

The gate on this machine can be accurately set to regulate the flow of seed. Can be instantly closed and opened to same position. Weight Per Dozen 90 Pounds.

SEED CARRIERS

HANDY

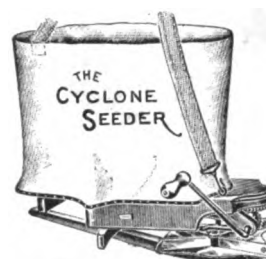


For Carrying All Kinds of Seed.

Per Dozen

No. 1—Extra Heavy White Canvas Ducking, $\frac{1}{2}$ inch Steel Band on Top Edge, Shaped to Fit the Body, with Canvas Shoulder Strap and Buckles \$7.80
Weight Per Dozen 11 Pounds.
One Dozen in a Bundle.

GENUINE CYCLONE



For Sowing All Kinds of Grain and Grass Seed.

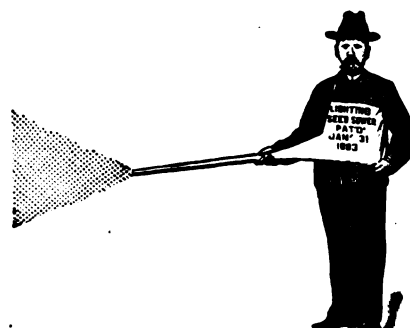
Per Dozen

No. 3—Genuine Cyclone, Yellow Poplar Frame, Curved Parts are from Tough Sycamore, Patented Inter-Lock, Double Flange, Non-Solder Tin Distributing Wheel, Diameter of Distributing Wheel $10\frac{1}{2}$ inches, Slope Feed Board with an Oblong Hopper, Automatic Feed Adjustment, Heavy Duck Seed Bag Holding $\frac{1}{2}$ Bushel, $1\frac{1}{4}$ inches Wide, Heavy Canvas Shoulder Strap, Nicely Finished and Painted. \$21.00

This machine distributes Clover to a width of 18 feet; Timothy 15 feet; Alfalfa 20 feet; Wheat 25 feet; Flax, Millet or Oats, 18 feet. Will sow from 40 to 60 acres per day.

Weight Per Dozen 54 Pounds.

LIGHTNING



Will Sow 60 Acres Per Day of Clover, Timothy, Millet, Alfalfa, Flax, Etc.

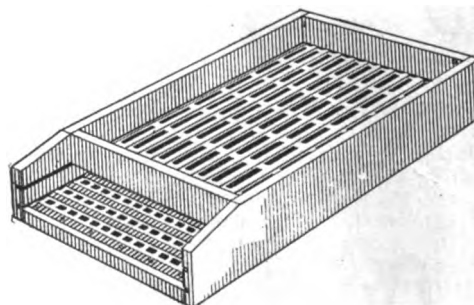
Per Dozen

No. 60—A Tube Sower with Heavy Canvas Bag and Shoulder Strap, Very Simple, Gives Control of Your Seed on a Circle of 8 feet Before it Leaves the Tube \$9.00

Weight Per Dozen 8 Pounds.

SEED CORN GRADERS

IMPROVED IOWA



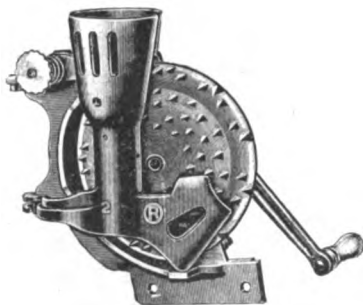
Each

No. 1218—12x18 inches, Capacity 6 to 8 Bushels Per Hour, 1 inch Pine Wood Frame, Painted and Var-nished, 3 Corrugated Perforated Sheet Metal Partitions, Separate Kernels into Three Sizes. \$1.50

Weight Per Dozen 70 Pounds.

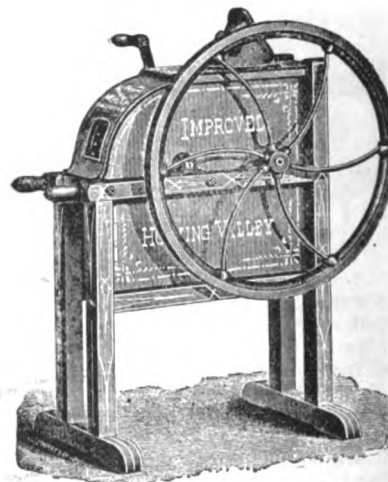
Six in a Crate.

LITTLE GIANT



CORN SHELLERS

HOCKING VALLEY



No. 5—Black Japanned Heavy Cast Iron Frame, 11½ inches High, 7½ inches Diameter Disc Wheel, Large Thumb Screw Adjustment, Capacity 8 Bushels Per Hour \$13.50
Impossible to get out of order. Has no springs to jar loose, simple and accurate, deposits corn in the box on which it is mounted and the cobs outside.

Per Dozen

Weight Per Dozen 120 Pounds.
Open Stock.

No. 25—Hocking Valley, One Hole, without Feed Table or Fan, Capacity 20 to 25 Bushels Per Hour.....\$10.00
Best Seasoned Hardwood Frame, Finely Finished, Easy Running and Efficient.

Each

Weight Each 115 Pounds.

Extra—For Feed Table \$0.50
Extra—For Fan Attachment 1.00

Each

BAG HOLDERS

GEM

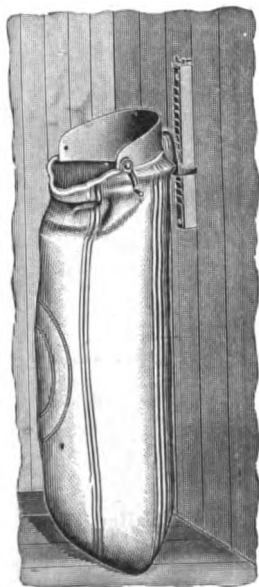
No. A—Gem, Consists of Hopper and Ratchet, the Hopper Works on a Ratchet 16 inches Long and Raises 12 inches, thus Allowing the Use of Different Size Bags, the Rim on the Hopper is the Size of a Half Bushel Measure Rim, Weight 5 Lbs..\$1.50
You will note by having a ratchet for the hopper to travel up and down on the bag, holder can be used for any length bag and use the same nail or hook.

Each

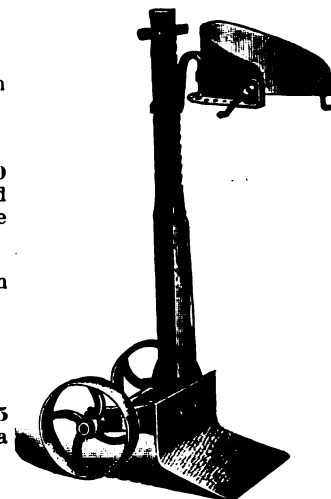
OUR PRIDE

No. D—Our Pride, Combination Truck and Bag Holder, 41 inches High, 8 inch Wheels, Hopper Rim is Same Size as a Half Bushel Measure Rim and Raises or Lowers 12 inches on Ratchet, 4x2 inch Hardwood Standard, Heavy Boiler Plate Chisel which Extends 6 inches in Front and 3 inches up the Standard and is 12 inches Wide, Weight 18 Lbs.....\$3.75
By removing the hopper, which is done in an instant, you have a decidedly handy truck for handling filled bags, boxes, barrels, etc.

Each



No. A.



No. D.

CORN SHOCK COMPRESSORS

HOLDFAST

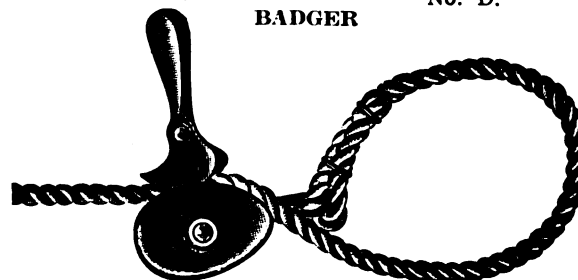


No. HF—Malleable Iron Casting, Japanned, Fitted with 16 feet of Rope\$5.00
A Simple Device for Tying Corn, Enabling One Man to do the Work of Two.

Per Dozen

Weight Per Dozen 10 Pounds.
One-twelfth Dozen in a Box.

BADGER



No. BD—Malleable Iron Casting, Japanned, Fitted with Rope\$7.80
Made Heavy to Stand Abuse, for Compressing Corn Shocks.

Per Dozen

Weight Per Dozen 15 Pounds.
One Dozen in a Box.

STAR

No. SR—Malleable Casting, Automatic Lock Brake, Adjustable Hook\$9.00
One man can do the work of two, after the shock is compressed the tool grips the rope and holds it while the twine is tied.

Weight Per Dozen 21 Pounds.

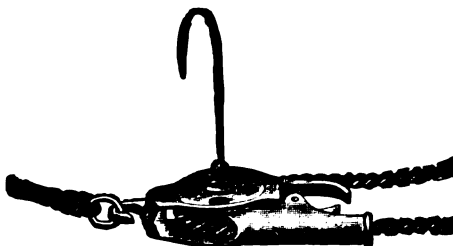
One-twelfth Dozen in a Box.

HEARTLEY'S

No. HT—Malleable Iron Casting, Japanned, without Rope\$1.20
For Compressing Corn Shocks, Stretching Clothes Lines, Hammocks, Tents, etc.

Per Dozen

Weight Per Dozen 15 Pounds.



Star.

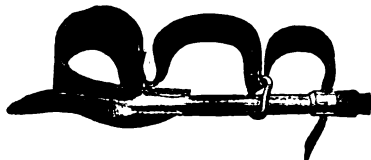


Heartley's.

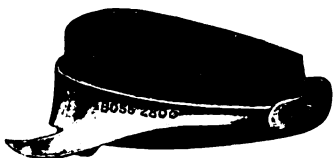
HUSKING PINS



- No. 7328—4½ inch Heavy Sheet Steel Pin, with Reliable Three Compartments of Super-Grade Chrome Muleskin, Lace Thong Adjustment. \$0.80
 Weight Per Dozen ½ Pound.
 Three Dozen in a Box.

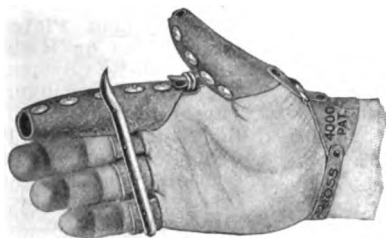


- No. G—5 inch Forged Round Tool Steel Pin with Curved Taper Point, Nickel Plated, Best Chrome Tanned Grain Leather Forefinger Guard and Hand Strap, Nickel Plated Wire Sliding Link, Brass Clamp Thumb Nut, Strapping Attachable to Make it Wearable Over Either Glove or Mitten. \$3.50
 Weight Per Dozen 1¼ Pounds.
 One Dozen in a Box.



- No. 2800—Combination, 4¾ inch Pin with Curved Finger Guard Reinforcement, Made from One Piece Heavy Tool Steel, 1¼ inch Chrome Grain Leather Forefinger Guard and Hand Strap with Japanned Eyelets for Adjustment, Hand Leather Protector. . . \$2.40
 Weight Per Dozen 1½ Pounds.
 One Dozen in a Box.

HUSKING PINS



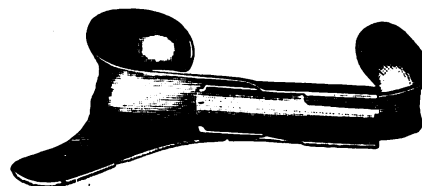
- No. 7000—Right Hand, 4½ inch Tinned Heavy Sheet Steel Pin, with Three Compartments of Muleskin Leather, Heavy Grade Muleskin Leather Finger and Thumb Cot, Steel Rivets and Washer Protection, Patent Sliding Strap Adjustment Link on Wrist Band. \$3.00
 Weight Per Dozen 2 Pounds.
 One Dozen in a Box.



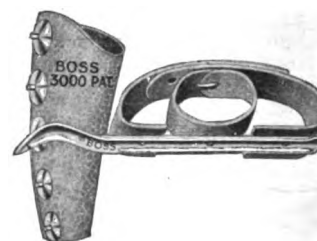
- No. 76—One Piece Heavy Steel Hook Shield with Corrugated Spur and Special Extension Slotted Arm, Curved to Fit Around and Protect Base of Thumb, Curved Sheet Steel Palm Plate, Nickel Plated, Russet Grain Leather Hand Pad and Straps, Adjustable Thumb Strap, Two Straps and Nickel Plated Buckles. \$4.50
 Weight Per Dozen 2¼ Pounds.
 One Dozen in a Box.



- No. 2400—4½ inch Heavy Sheet Metal Pin, Optional Two or Three Compartments, 2½ inch Best Chrome Grain Calf Leather Forefinger Guard, Hand Strap and Hand Protector, End Buckle, Sliding Loop Adjustment. \$1.80
 Weight Per Dozen ¾ Pounds.
 One Dozen in a Box.

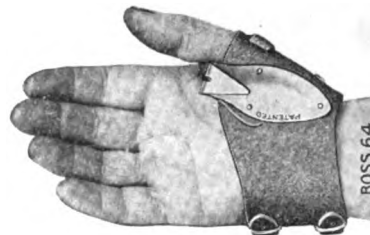


- No. 5—Universal, Right Hand, Adjustable, Heavy Wrought Steel, Nickel Plated, Will Fit Any Hand. . . \$1.80
 Average Weight Per Dozen 1 Pound.
 Three Dozen in a Box.

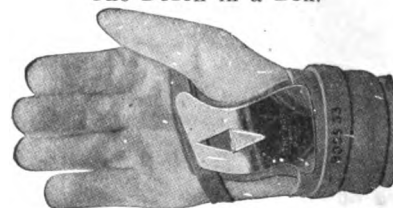


- No. 7324—Right Hand, 4½ inch Tinned Heavy Steel Pin, Three Compartments Made of Super-Grade Chrome Muleskin with Lace Thong Adjustment, Chrome Glove Kip Forefinger Cot with Rivet and Steel Washer Protection. \$1.80
 Weight Per Dozen 1¼ Pounds.
 One Dozen in a Box.

HOOK HUSKERS

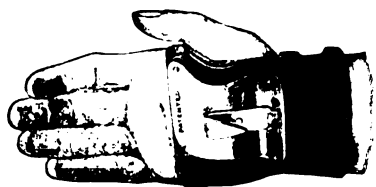


- No. 64—Heavy Nickel Plated Corrugated Steel Hook, Heavy Chrome Muleskin Leather Palm Pad, with Two Straps and Nickel Plated Buckles. \$2.40
 Weight Per Dozen 1½ Pounds.
 One Dozen in a Box.

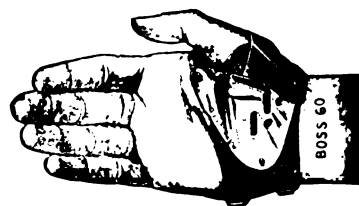


- No. 053—Curved Palm Plate with Center Palm, Corrugated Hook from One Piece Heavy Sheet Steel, Nickel Plated and Buffed, Muleskin Leather Palm, Good Grade Split Leather Band, Twice Around the Wrist and Double Reinforced Hand Strap, Two Straps and Nickel Plated Buckles. \$4.80
 Weight Per Dozen 3 Pounds.
 One Dozen in a Box.

HOOK HUSKERS



- No. 59—Curved Steel Palm Plate, Extra Large Steel Corrugated Hook, Adjustable from Either of Two Base Points, to a Number of Lateral Points, Nickel Plated and Buffed Muleskin Palm Pad, Wide Wristband, Double Strapped and Reinforced Hand Strap, Three Straps and Nickel Plated Buckles.....\$5.40
- No. 059—With Good Grade Split Leather Hand Strap, Otherwise Same as No. 59..... 5.00
- Weight Per Dozen 2 3/4 Pounds.
One Dozen in a Box.



- No. 60—Curved Steel Palm Plate, with Extension to Protect Base and Back of Thumb, Adjustable Steel Hook, Nickel Plated, Leather Palm Pad, Chrome Grain Leather Adjustable Hand Straps, Two Straps and Nickel Plated Buckles.....\$5.40
- Weight Per Dozen 2 Pounds.
One Dozen in a Box.



- No. 84—Adjustable Twin Wrist Hook, Heavy Plate of Best Sheet Steel, Provided with Holes in which to Adjust the Double Shredding Steel Hooks, Shield Riveted to Extra Wide Heavy Split Leather Three-Buckle Wrist Band, Thumb Strap Attached to Wrist Band Holds Hook in Position, Four Straps and Nickel Plated Buckles.....\$6.00
- Weight Per Dozen 4 Pounds.
One Dozen in a Box.



- No. 100—Special Sheet Steel Palm Plate, Easily Bent to Any Size Hand, Heavy Sheet Steel Hook, Heavy Chrome Muleskin Leather Palm and Straps, Three Straps on Wrist Band, Nickel Plated Buckles.....\$8.00
- Weight Per Dozen 3 1/2 Pounds.
One Dozen in a Box.

HUSKING GLOVES



- No. 9—4 1/2 inch Plated Steel Pin Riveted on Right Hand Glove, Best Selected Muleskin Leather, Two-Piece Back and Open Fingers, Steel Rivets Throughout, Riveted Leather Shield Below Forefinger, Adjustable Back Strap and Buckle....\$12.00
- Weight Per Dozen Pairs 9 Pounds.
One-half Dozen Pairs in a Box.



- No. 9 1/2—4 1/2 inch Plated Steel Pin Riveted on Right Hand Glove, Tannery Run Muleskin Leather, Two Piece Back and Open Fingers, Steel Rivets Throughout, Riveted Leather Shield Below Forefinger, Adjustable Back Strap and Buckle....\$12.00
- Weight Per Dozen Pairs 9 Pounds.
One-half Dozen Pairs in a Box.



- No. 17—4 1/2 inch Plated Steel Pin Riveted on Right Hand Glove, Soft Chrome Glove Kip, Palm, Fingers and Thumb Front, Two Piece Back and Open Fingers, Protected Throughout with Leather Washers and Steel Discs, Adjustable Back Strap and Buckle.....\$18.00
- Weight Per Dozen Pairs 6 3/4 Pounds.
One-half Dozen Pairs in a Box.

HUSKING GLOVES



- No. 13—4 1/2 inch Plated Steel Pin Riveted on Right Hand Glove, Selected Chrome Hogshead Leather Two-Piece Back and Open Fingers, Steel Rivets Throughout, Riveted Leather Shield Below Forefinger, Adjustable Back Strap and Buckle....\$16.20
- Weight Per Dozen Pairs 8 Pounds.
One-half Dozen Pairs in a Box.



- No. 7—4 1/2 inch Plated Steel Pin Riveted on Right Hand Glove, Soft Brown Selected Calfskin Leather, Closed Fingers, Two-Piece Divided Back, Extra Leather Wearing Shields, Steel Riveted Throughout, Adjustable Back Strap and Buckle....\$24.00
- Weight Per Dozen Pairs 7 Pounds.
One-half Dozen Pairs in a Box.

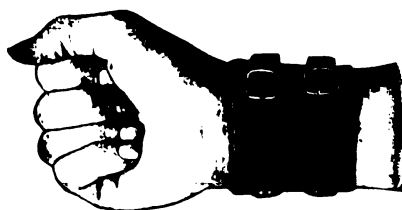


- No. 37 1/2—4 1/2 inch Steel Pin Firmly Riveted on Right Hand Mitten, Heavy Gray Husking Cloth Mitten, Twill Outside, 7 inch Muleskin Palm Facing Extending Over Edge of Mitten Onto Back, Muleskin Faced Thumb, Leather Shield Under Pin, Riveted Leather Shield on Thumb.....\$4.80
- Weight Per Dozen Pairs 4 3/4 Pounds.
One Dozen Pairs in a Box.

WRIST SUPPORTS



Per Dozen
No. 33—2½ inch Wide, Selected Glove Kip Leather, Soft and Pliable, with Red Stitched Edge All Around, Twice Around Wrist, Nickel Plated Buckle and Link.....\$2.50
 Weight Per Dozen 1 Pound.
 One Dozen in a Box.



Per Dozen
No. X2—2½ inches Wide, Selected Fire Proof Muleskin Leather, Two Straps and Buckles\$1.50
 Weight Per Dozen 1 Pound.
 One Dozen in a Box.



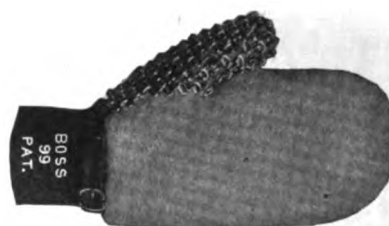
Per Dozen
No. X23—3¼ inches Wide, Selected Fire Proof Muleskin Leather, Three Straps and Plated Buckles and Links...\$2.00
 Weight Per Dozen 1¼ Pounds.
 One Dozen in a Box.

WRIST SUPPORTS



Per Dozen
No. Y—2½ inches Wide, Soft Pliable Yellow Chrome Leather, Laces with Leather Thongs and Heavy Japanned Lacing Hooks and Fasteners.....\$2.00
 Weight Per Dozen ¾ Pound.
 One Dozen in a Box.

THUMB STALLS



Per Dozen
No. 99—Best Quality Steel Wire, Polished and Nickel Plated, Closely Interwoven, Flexible Crossed Body Links\$4.00
 Two Single Straps Equipped with Nickel Plated Buckles are Riveted to Base of Stall at Back of Thumb. Straps Circle Wrist and Hold Stall in Place.
 Weight Per Dozen 1½ Pounds.
 One Dozen in a Box.

CLOTH GLOVES



No. 4010B.



No. 892.

Per Dozen Pairs
No. 4010B—Boys', Medium Weight Canton Flannel Glove, Fleece Inside, Three Seam Back, Tan Knit Wrist, Weight Per Dozen Pairs 1½ Lbs.....\$1.70
No. 892—Little Folks', Ages 5 to 9 Years, Good Medium Weight Canton Flannel, Fleece Inside, Seamless Back, Red Mixed Wrist, Weight Per Dozen Pairs ¾ Lb. 1.70
 One Dozen Pairs in a Carton.

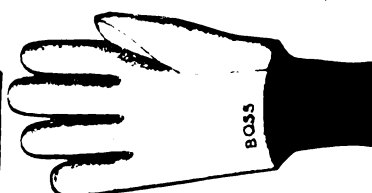


Per Dozen Pairs

No. 966—Little Folks', Ages 5 to 9 Years, Heavy Weight Jersey Glove, Assorted in Drab, Tan, Mixed and Blue Mixed Jersey with Red Mixed Knit Wrist, Weight Per Dozen Pairs ¾ Lb.....\$2.00
No. 939B—Boys', Heavy Weight Flat Jersey, Fleece Inside, Three Seam Back, Slate Knit Wrist, Weight Per Dozen Pairs 1 Lb..... 2.40
 One Dozen Pairs in a Carton.



Nos. 135 and 602.



No. 939.

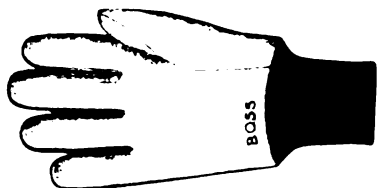
Per Dozen Pairs

Per Dozen Pairs
No. 135—Men's, Heavy Weight Canton Flannel, Fleece Inside, Seamless Back, Red Mixed Knit Wrist, Weight Per Dozen Pairs 1½ Lbs.....\$2.20
No. 602—Men's, Heavy Weight Tan Jersey, Fleece Inside, Seamless Back, Tan Knit Wrist, Weight Per Dozen 1½ Lbs. 2.50
No. 939—Men's, Heavy Weight Slate Jersey, Fleece Inside, Three Seam Back, Slate Knit Wrist, Weight Per Dozen Pairs 1½ Lbs..... 2.50
 One Dozen Pairs in a Carton.



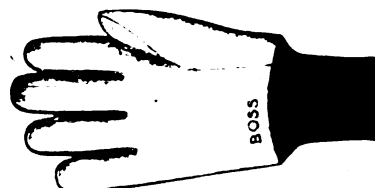
No. 616—Men's, Heavy Weight Brown and White Mixed Jersey Glove, Seamless Back, Seal Brown Knit Wrist, Weight Per Dozen Pairs 1½ Lbs.....\$2.20
No. 616B—Cadet's, Otherwise Same as No. 616, Weight Per Dozen Pairs 1½ Lbs. 2.10
No. FLX0—Men's, Heavy Weight Combination Canton Flannel and Jersey, Good Weight Canton Flannel Nap in Good Grade Tan Mixed Jersey, Seamless Back, Tan Mixed Knit Wrist, Weight Per Dozen Pairs 1½ Lbs..... 2.20
 One Dozen Pairs in a Carton.

CLOTH GLOVES



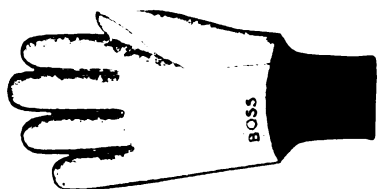
- Per Dozen Pairs
- No. 4111—Men's, Extra Heavy Weight Canton Flannel, Fleece Inside, Three Seam Back, Blue Knit Wrist, Weight Per Dozen Pairs $1\frac{3}{4}$ Lbs. \$2.20
- No. 413—Men's, Very Heavy Weight Canton Flannel, Fleece Inside, Three Seam Back, Baby Blue Knit Wrist, Weight Per Dozen Pairs $1\frac{1}{2}$ Lbs. 2.30
- No. 441—Men's, Medium Weight Narrow Striped Canton Flannel, Fleece Inside, Three Seam Back, Baby Blue Knit Wrist, Weight Per Dozen Pairs $1\frac{1}{2}$ Lbs. . 1.90

One Dozen Pairs in a Carton.



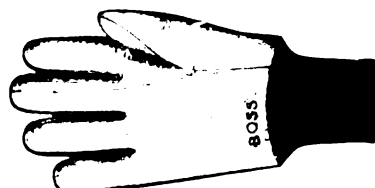
- Per Dozen Pairs
- No. 321—Men's, Medium Weight Canton Flannel, Fleece Inside, Three Seam Back, Tan Knit Wrist, Weight Per Dozen Pairs $1\frac{3}{4}$ Lbs. \$1.50
- No. 403EX—Men's, Extra Large Size, Good Medium Weight Canton Flannel, Fleece Inside, Three Seam Back, Tan Knit Wrist, Weight Per Dozen Pairs $1\frac{1}{4}$ Lbs. 1.80

One Dozen Pairs in a Carton.



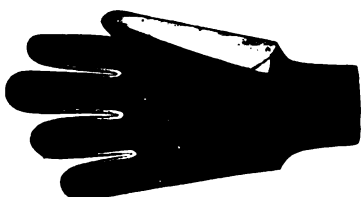
- Per Dozen Pairs
- No. 4050—Men's, Medium Heavy Weight Canton Flannel, Fleece Inside, Three Seam Back, Silver Grey Knit Wrist, Weight Per Dozen Pairs $1\frac{1}{2}$ Lbs. \$1.80
- No. 4080—Men's, Good Medium Weight Canton Flannel, Fleece Inside, Three Seam Back, Silver Grey Knit Wrist, Weight Per Dozen Pairs $1\frac{1}{4}$ Lbs. 1.65

One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 40300—Men's, Good Medium Weight Canton Flannel, Fleece Outside, Three Seam Back, Silver Grey Knit Wrist, Weight Per Dozen Pairs $1\frac{1}{4}$ Lbs. \$1.65
- No. 337—Men's, Fair Weight Canton Flannel, Fleece Inside, Three Seam Back, Silver Grey Knit Wrist, Weight Per Dozen Pairs $1\frac{1}{4}$ Lbs. 1.45

One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 234—Men's, Medium Heavy Weight Canton Flannel, Fleece Inside, Palm Fingers and Thumb, Full Leather Reinforced, with "Boss" Olive Leather, Tan Knit Wrist, Weight Per Dozen Pairs $2\frac{1}{2}$ Lbs. \$5.00

One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 301—Men's, Medium Weight Canton Flannel, Fleece Inside, Three Seam Back, Plain Band Wrist, Weight Per Dozen Pairs $1\frac{1}{2}$ Lbs. \$1.50
- No. 303—Men's, Good Medium Weight Canton Flannel, Fleece Inside, Three Seam Back, Plain Band Wrist, Weight Per Dozen Pairs 1 Lb. 1.65

One Dozen Pairs in a Carton.

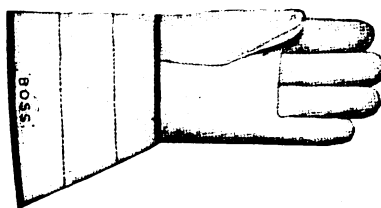
CLOTH GAUNTLETS



- Per Dozen Pairs
- No. 464—Men's, Extra Heavy Weight Canton Flannel, Fleece Inside, Canton Flannel Cuff Lined with Good Quality Stiffening, and Quilted, Red Crocheted Edge and Cuff Seam, Three Seam Back. \$2.65

Weight Per Dozen Pairs $2\frac{1}{4}$ Pounds.

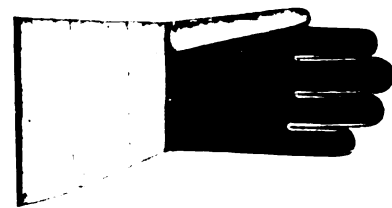
One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 440—Men's, Heavy Weight Canton Flannel, Fleece Inside, Canton Flannel Cuff Lined with Good Quality Stiffening and Quilted, Red Crocheted Edge and Cuff Seam, Seamless Back. \$2.50

Weight Per Dozen Pairs $2\frac{1}{4}$ Pounds.

One Dozen Pairs in a Carton.

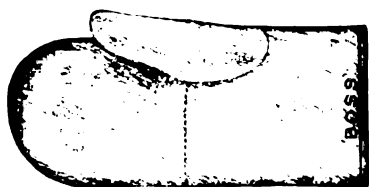


- Per Dozen Pairs
- No. 177—Men's, Medium Heavy Weight Canton Flannel, Full Leather Reinforced Palm Fingers and Thumb, with "Boss" Olive Leather, Canton Flannel Cuff, Stiffened Quilted and Overcast Both Sides, Red Crocheted Edge and Cuff Seam, Three Seam Back. \$4.90

Weight Per Dozen Pairs 3 Pounds.

One Dozen Pairs in a Carton.

CLOTH MITTENS



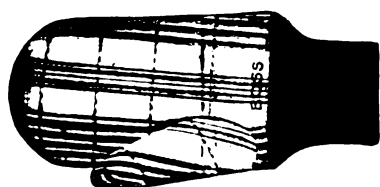
- Per Dozen Pairs
- No. 532—Men's, Good Medium Weight Canton Flannel, Fleece Outside, Palm and Thumb Reinforced on Inside, Plain Wrist, Weight Per Dozen Pairs 1 $\frac{1}{8}$ Lbs. \$1.60
- No. 533—Men's, Good Medium Weight Canton Flannel, Fleece Outside, Palm and Thumb Canton Flannel Reinforced on Outside, Plain Wrist, Weight Per Dozen Pairs 1 $\frac{1}{8}$ Lbs. 1.60
- No. 528—Men's, Good Fair Weight Canton Flannel, Fleece Outside, Palm and Thumb Canton Flannel Reinforced on Inside, Plain Wrist, Weight Per Dozen Pairs 1 $\frac{1}{8}$ Lbs. 1.35

One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 707—Men's, Heavy Weight Canton Flannel, Fleece Inside, Silver Grey Knit Wrist. \$1.60
- Weight Per Dozen Pairs 1 $\frac{1}{2}$ Pounds.

One Dozen Pairs in a Box.



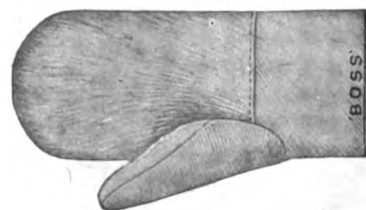
- Per Dozen Pairs
- No. 0773—Men's, Heavy Weight Fancy Striped Ticking, Heavy Fleece Lined, Heavy Wadding Interlined and Quilted, Tan Knit Wrist, Weight Per Dozen Pairs 2 $\frac{1}{8}$ Lbs. \$2.50
- No. 769—Men's, Medium Weight Fancy Striped Ticking, Heavy Fleece Lined Wadding Interlined and Quilted, Tan Knit Wrist, Weight Per Dozen Pairs 2 $\frac{1}{8}$ Lbs. 1.90

One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 1267—Men's, Extra Heavy Weight Grey Jersey, Fleece Lined, Full "Boss" Olive Leather Reinforced Palm and Thumb, Silver Grey Knit Wrist, Weight Per Dozen Pairs 4 Lbs. \$5.00
- No. 281—Men's, Heavy Weight Dark Oxford Covert Cloth, Heavy Fleece Lined, Heavy Wadding Interlined and Quilted, Full Leather Reinforced Palm and Thumb, Black Knit Wrist, Weight Per Dozen Pairs 3 $\frac{1}{2}$ Lbs. 5.00

One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 557—Men's, Good Medium Weight Canton Flannel, Fleece Inside, Extra Long Canton Flannel Palm Reinforcements on Outside, Thumb Canton Flannel Reinforced on Outside, Plain Wrist. \$1.90

Weight Per Dozen Pairs 1 $\frac{1}{2}$ Pounds.

One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 736—Men's, Medium Heavy Weight Canton Flannel, Fleece Outside, Extra Long Canton Flannel Reinforcements on Inside of Palm and Thumb, Silver Grey Knit Wrist. \$1.90

Weight Per Dozen Pairs 1 $\frac{1}{2}$ Pounds.

One Dozen Pairs in a Carton.



- Per Dozen Pairs
- No. 658—Men's, Medium Heavy Weight Slate Jersey, Slate Knit Wrist, Weight Per Dozen Pairs 2 Lbs. \$1.85
- No. 658B—Boys', Medium Heavy Weight Slate Jersey, Slate Knit Wrist, Weight Per Dozen Pairs 1 $\frac{3}{4}$ Lbs. 1.75

One Dozen Pairs in a Carton.



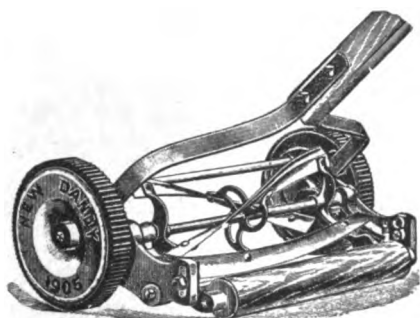
- Per Dozen Pairs
- No. 8002—Men's, Medium Weight Canton Flannel, Two Thumb Reversible, Fleece Outside, Palm and Thumb Canton Flannel Reinforced from Below on Both Sides, Silver Grey Knit Wrist. \$1.90

Weight Per Dozen Pairs 2 $\frac{1}{2}$ Pounds.

One Dozen Pairs in a Carton.

LAWN MOWERS

NEW DANDY



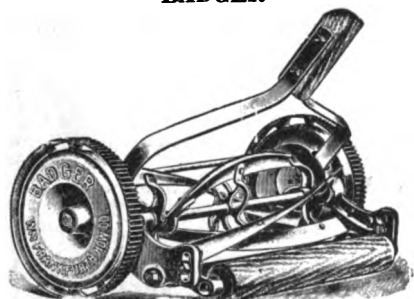
7 inch Drive Wheels, Three Knives.

This Mower is Built for Small Lawns, Mostly for City Use. Cast Steel Reel Knives, a Good Honest Machine for the Money. Finished Red and Green.

Nos.	12D	14D	16D
Width of Cut, Inches.....	12	14	16
Each	\$5.00	5.50	5.75

One in a Box.

BADGER



8 inch Drive Wheels, Four Knives, with Grass Guard.

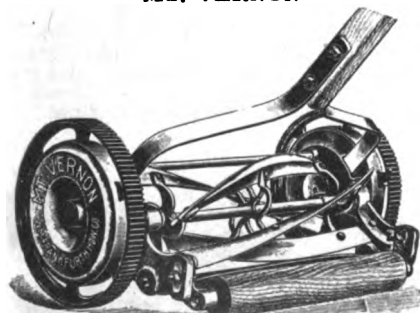
We Can Highly Recommend this Machine for Quick Action, Four Tempered Cast Steel Reel Knives, Self-Sharpening and Positive Ratchet and Adjustable Plain Bearing Box. Finished Silver, Gold and Red.

For a Low Wheel Mower this Machine will Give Excellent Satisfaction. Very Easily Adjusted.

Nos.	14B	16B	18B
Width of Cut, Inches.....	14	16	18
Each	\$6.00	6.50	7.00

One in a Box.

MT. VERNON



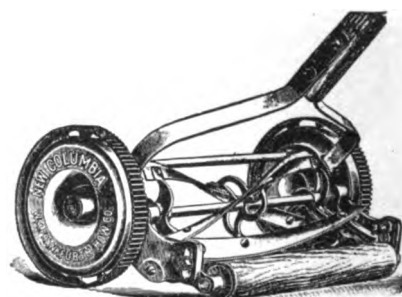
9 inch Drive Wheels, Four Knives, with Grass Guard.

This Mower is Built on the Same Lines as the Badger, but Stronger, having Larger and Heavier Driving Wheels. The Reel Knives are Made of Oil Tempered Tool Steel and Self-Sharpening. Knives are Carefully Ground to Insure Best Kind of Work. Positive Ratchet and Adjustable Plain Bearing Box. For a Medium Priced Machine it will do Excellent Work and Give Universal Satisfaction. The Machine has been Thoroughly Tested with Above Results. Finished Silver, Gold and Red.

Nos.	14V	16V	18V
Width of Cut, Inches.....	14	16	18
Each	\$7.50	8.00	8.50

One in a Box.

NEW COLUMBIA



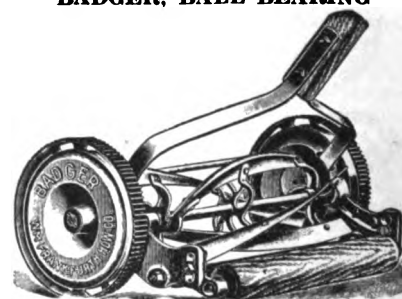
8 inch Drive Wheels, Three Knives, with Grass Guard.

A Popular Low Priced Machine, with Tempered Cast Steel Reel Knives, Adjustable Reel and Positive Ratchet. Finished Silver and Red.

Nos.	14C	16C	18C
Width of Cut, Inches.....	14	16	18
Each	\$5.75	6.00	6.25

One in a Box.

BADGER, BALL BEARING



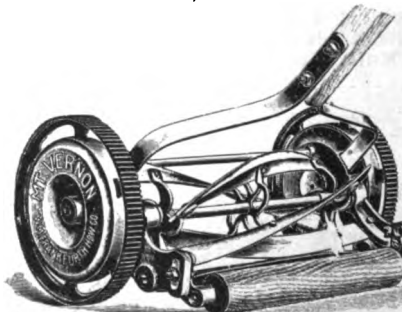
8 inch Drive Wheels, Four Knives, with Grass Guard.

This Mower is the Same as that Opposite, but **Ball Bearing**. Tempered Cast Steel Reel Knives. Self-Sharpening and Positive Ratchet and Adjustable Bearing Box. Finished Silver, Gold and Red.

Nos.	14BB	16BB	18BB
Width of Cut, Inches.....	14	16	18
Each	\$7.00	7.50	8.00

One in a Box.

MT. VERNON, BALL BEARING



9 inch Drive Wheels, Four Knives, with Grass Guard.

This Mower is the Same as that Opposite, but **Ball Bearing**.

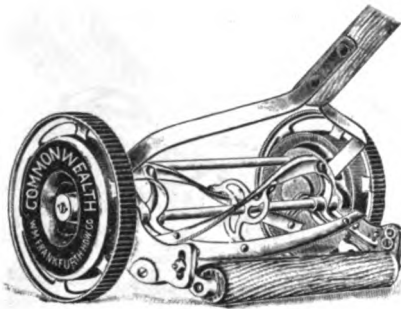
The Reel Knives are Made of Oil Tempered Tool Steel and Self-Sharpening. Knives are Carefully Ground to Insure Best Kind of Work. Positive Ratchet and Patent Cone Adjustment. For a Medium Priced Machine it will do Excellent Work and Give Universal Satisfaction. This Machine has been Thoroughly Tested with Above Results. Finished Silver, Gold and Red.

Nos.	14VB	16VB	18VB
Width of Cut, Inches.....	14	16	18
Each	\$8.50	9.00	9.50

One in a Box.

LAWN MOWERS

COMMONWEALTH

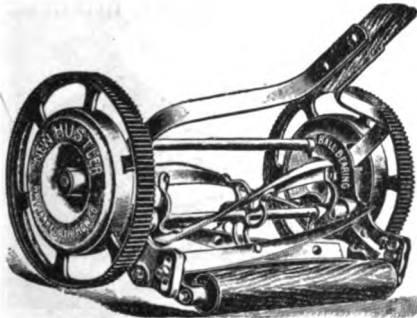
**9 inch Drive Wheels, Three Knives, with Grass Guard.**

Same Machine as Mt. Vervon Shown on Preceding Page, but has Three Oil Tempered Tool Steel Reel Knives in Place of Four Self-Sharpening, and Positive Ratchet and Adjustable Plain Bearing Box. This Machine Will Give Excellent Satisfaction. Very Easily Adjusted. Finished Silver and Gold.

Nos.	16CW	18CW
Width of Cut, Inches.....	16	18
Each	\$6.50	7.00

One in a Box.

NEW HUSTLER, BALL BEARING

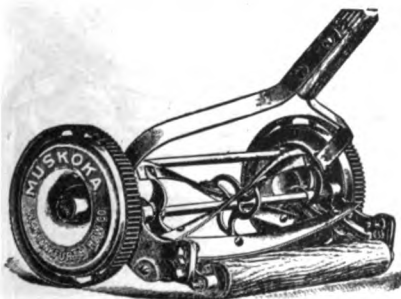
**10 inch Drive Wheel, Four Knives, with Grass Guard.**

Same as Improved Harvard, but Ball Bearing, Cones and Ball Cups Finely Polished, Drop Forged Crucible Steel Balls, Cones are Adjusted by Loosening Set Screw, the Cone then Can be Moved Forward or Backward as Required. Finished in Gold and Red.

Nos.	16HB	18HB
Width of Cut, Inches.....	16	18
Each	\$11.00	12 00

One in a Box.

MUSKOKA

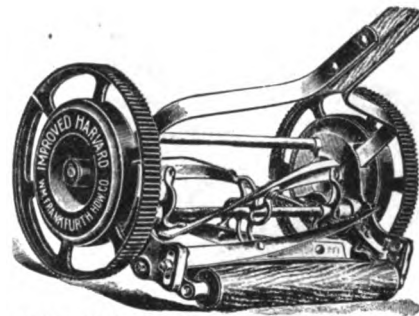
**8 inch Drive Wheels, Three Knives, with Grass Guard.**

A Popular Low Priced Machine, Three Blade Revolving Cutter, with Adjustable Brass Bushings to Take Up the Wear in the Cutter Bearings, Effective Ratchet and Simple Adjustment. Only Best Material and Workmanship are Used in its Construction. Durable and Easy Running. Finished in Blue and Gold.

Nos.	14M	16M	18M
Width of Cut, Inches.....	14	16	18
Each	\$5.75	6.00	6.25

One in a Box.

IMPROVED HARVARD

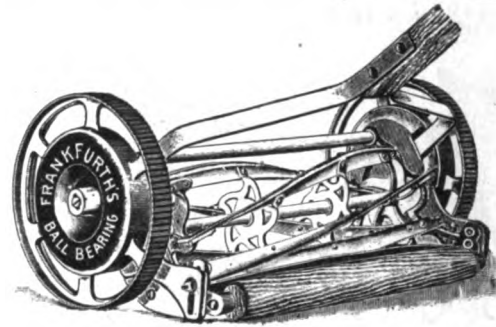
**10 inch Drive Wheels, Four Knives, with Grass Guard.**

A Strong Substantial Mower with Heavy 10 inch Driving Wheels, Giving it High Speed. Finely Ground Bearings, which Gives Reel a Very Easy Motion. Reel Knives Best Oil Tempered Tool Steel, Adjustment of Roller Permits of Either Very Close or High Cut of Grass. Positive Ratchet and Adjustable Plain Bearing Box. Finished in Gold and Red.

Nos.	16H	18H
Width of Cut, Inches.....	16	18
Each	\$9.00	10.00

One in a Box.

FRANKFURTH'S FIVE KNIFE, BALL BEARING

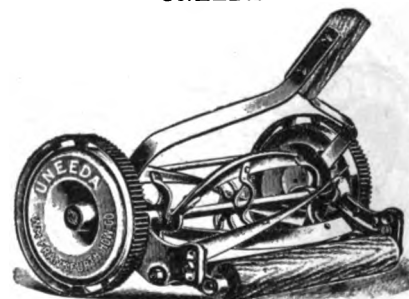
**10 inch Drive Wheels, Fives Knives, with Grass Guard.**

A Strictly High Grade Machine, Fitted with Best Quality Steel Balls, Cups and Cones, Hardened and Perfectly Ground. Has Patent Cone Adjustment so Cones Cannot Work Loose. Five Highly Oil Tempered Tool Steel Reel Knives with a Very Nicely Tempered Bed or Under Knife. A Strong, Substantial, Easy Running Mower that Will Satisfy the Most Exacting. Finished in Gold and Silver.

Nos.	16F	18F	20F
Width of Cut, Inches.....	16	18	20
Each	\$14.00	15.00	16.00

One in a Box.

UNEEDA

**8 inch Drive Wheels, Four Knives, with Grass Guard.**

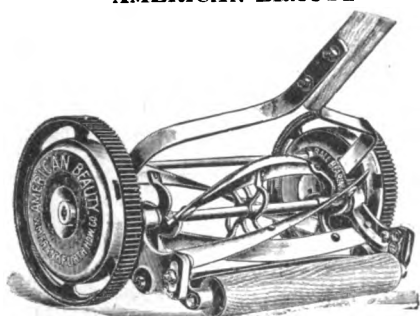
We Can Highly Recommend this Machine for Quick Action. It has a Four Blade Revolving Cutter Running in Hard Metal Bushings. Arranged to Take up the Wear. It Possesses All the Qualities of Durability, Good Material and Workmanship Found in High Grade Mowers. The Low Price of this Machine is Possible Only by Reason of a Lesser Quantity of Material Being Used. Finished Silver, Gold and Red.

Nos.	14U	16U	18U
Width of Cut, Inches.....	14	16	18
Each	\$6.00	6.50	7.00

One in a Box.

LAWN MOWERS

AMERICAN BEAUTY



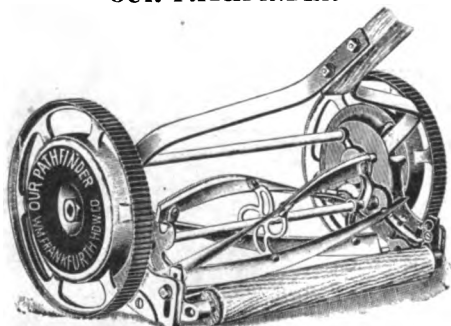
9 inch Drive Wheels, Four Knives, with Grass Guard.

This Mower is Strong and Well Built, having Large and Heavy Driving Wheels. The Reel Knives are Made of Oil Tempered Tool Steel and Self-Sharpener. Knives are Carefully Ground to Insure Best Kind of Work. Positive Ratchet and Adjustable Plain Bearing Box. For a Medium Priced Machine it Will do Excellent Work and Give Universal Satisfaction. The Machine has been Thoroughly Tested with Above Results. Finished Silver, Gold and Red.

Nos.	14AB	16AB	18AB
Width of Cut, Inches.....	14	16	18
Each	\$7.50	8.00	8.50

One in a Box.

OUR PATHFINDER



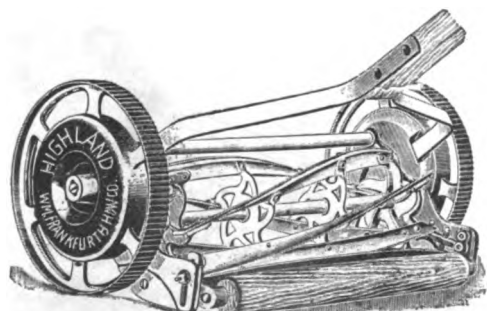
10 inch Drive Wheels, Four Knives, with Grass Guard.

A Strong Substantial Mower with Heavy 10 inch Driving Wheels Giving it High Speed. Finely Ground Bearings, which Gives Reel a Very Easy Motion. Reel Knives Best Oil Tempered Tool Steel, Adjustment of Roller Permits of Either Very Close or High Cut of Grass. Positive Ratchet and Adjustable Plain Bearing Box. Finished Silver and Green.

Nos.	16P	18P
Width of Cut, Inches.....	16	18
Each	\$9.00	10.00

One in a Box.

HIGHLAND, BALL BEARING



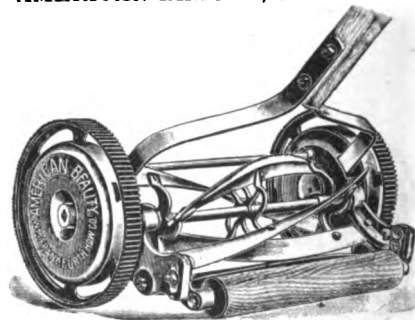
10 inch Drive Wheels, Five Knives, with Grass Guard.

A Strictly High Grade Machine, Fitted with Best Quality Steel Balls, Cups and Cones, Hardened and Perfectly Ground. Has Patent Cone Adjustment so Cones Cannot Work Loose. Five Highly Oil Tempered Tool Steel Reel Knives with a Very Nicely Tempered Bed or Under Knife. A Strong, Substantial, Easy Running Mower that Will Satisfy the Most Exacting. Finished Gold and Silver.

Nos.	16HBB	18HBB	20HBB
Width of Cut, Inches.....	16	18	20
Each	\$14.00	15.00	16.00

One in a Box.

AMERICAN BEAUTY, BALL BEARING



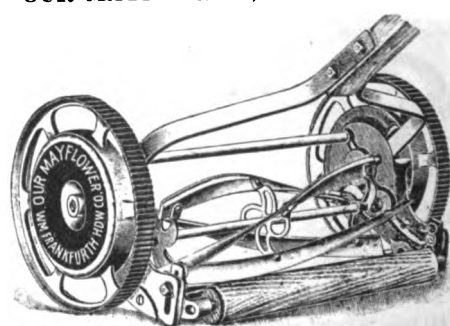
9 inch Drive Wheels, Four Knives, with Grass Guard.

This Mower is the Same as that Opposite, but is Ball Bearing. The Reel Knives are Made of Oil Tempered Tool Steel and Self-Sharpener. Knives are Carefully Ground to Insure Best Kind of Work. Positive Ratchet and Patent Cone Adjustment. For a Medium Priced Machine it Will do Excellent Work and Give Universal Satisfaction. The Machine has been Thoroughly Tested with Above Results. Finished Silver and Gold.

Nos.	14ABB	16ABB	18ABB
Width of Cut, Inches.....	14	16	18
Each	\$8.50	9.00	9.50

One in a Box.

OUR MAYFLOWER, BALL BEARING



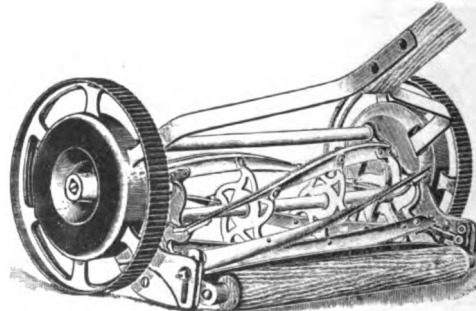
10 inch Drive Wheels, Four Knives, with Grass Guard.

Same as Our Pathfinder, but Ball Bearing. Cones and Ball Cups Finely Polished, Drop Forged Crucible Steel Balls, Cones are Adjusted by Loosening Set Screw, the Cone then Can be Moved Forward or Backward as Required. Finished Gold and Blue.

Nos.	160M	180M
Width of Cut, Inches.....	16	18
Each	\$11.00	12.00

One in a Box.

IMPERATOR, BALL BEARING



10 1/4 inch Drive Wheels, Five Knives, with Grass Guard.

This Ball Bearing Mower is Put on the Market Strictly on its Merits. Everything in the Way of Material that Enters into its Construction is the Very Best that Can be Produced. It has Large Drive Wheels, 6 inch Revolving Cutter with Five Blades, 5/8 inch Steel Shaft Running Through Entire Length of Reel, Adjustable Ball Bearings, Flat Sliding Pawl in Each Drive Wheel, Simple and Efficient Adjustments.

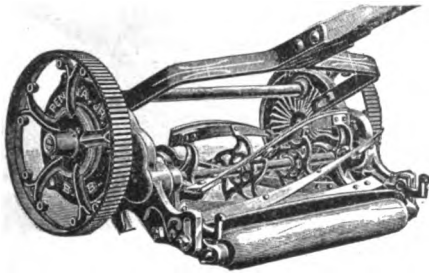
Nos.	16IB	18IB
Width of Cut, Inches.....	16	18
Each	\$18.00	20.00

One in a Box.

LAWN MOWERS

PENNSYLVANIA JUNIOR

Ball Bearing.



8 inch Drive Wheels, Five Knives.

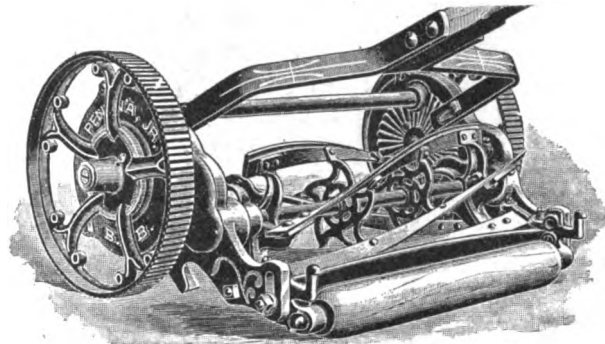
Oil Tempered Crucible Steel Knives, All Castings are of High Quality, Has Self-Sharpening Bed Knife, the Construction of this Knife Makes it Self-Sharpening Until the Knife is Entirely Worn Out; Has Double Train of Gears Cone and Axle can be Adjusted by Means of Adjusting Screw; Fitted with Ball Bearing Cylinder Journals.

Width of Cut, Inches.....	14	16	18
Each	\$17.00	19.00	21.00

One in a Box.

PENNSYLVANIA JUNIOR, HIGH WHEEL

Ball Bearing.



10 inch Drive Wheels, Five Knives.

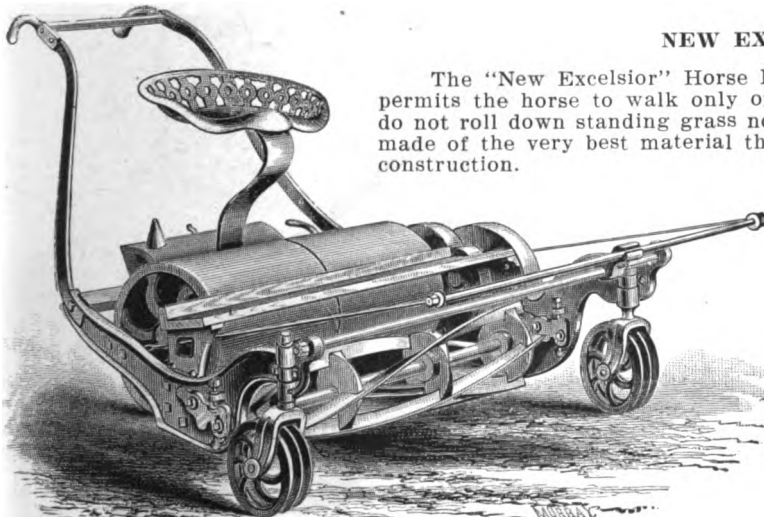
This Machine is the Same in Construction as the Pennsylvania Junior, Possessing the Same Features and Quality with the Exception of Having High Drive Wheels, which Makes it More Powerful and Does More Work with Less Labor.

Width of Cut, Inches.....	15	17	19	21
Each	\$25.00	28.00	31.00	34.00

One in a Box.

NEW EXCELSIOR HORSE

The "New Excelsior" Horse Lawn Mower is fitted with a Side Draft Attachment that permits the horse to walk only on the cut grass; and with Sectional Caster Wheels which do not roll down standing grass nor leave unsightly marks on the lawn. These machines are made of the very best material throughout and the greatest care is exercised in their construction.



No. 25	—25 inch Cut (without Seat or Shafts) ..	Each \$ 65.00
No. 25SD	—25 inch Cut (with Shafts and Side Draught Attachment)	75.00
No. 30	—30 inch Cut (with Seat, Shafts and Side Draught Attachment)	110.00
No. 35	—35 inch Cut (with Seat, Shafts and Side Draught Attachment)	135.00
No. 40	—40 inch Cut (with Seat, Shafts and Side Draught Attachment)	170.00
(No Seat can be used on the 25 inch cut Mower.)		

LAWN TRIMMERS

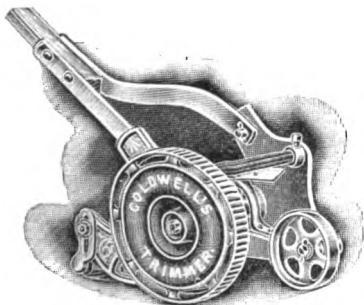
C. & C. BALL BEARING

8 inch Drive Wheel, 6 inch Revolving Cutter, Four Revolving Blades.

Each

No. C. & C.—8 inch Cut, Best Tool Steel Bottom Knife, Internal Direct Drive Gear, Sliding Pawl Ratchet, Patent Adjustable Ball Bearing, Finished in Aluminum and Green. \$9.00

One in a Box.



ELECTRIC

Necessary for Every Well Kept Lawn.

Each

No. E—Cuts a Swath 5 inches Wide, Cutter Bar Has Five Sets of Self-Sharpening Shears, which Cut Both the Opening and Closing Movement of the Blade.... \$4.50

Trims grass as fast as the operator walks. It does away with grass shears, saves time and backaches.

It will quickly clip rough edges on a lawn and make it the pride of the neighborhood.

Will cut the grass on banks or terraces, because of its light weight and easy operation.

One in a Box.



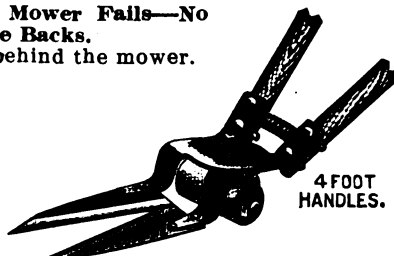
LAWN TRIMMERS

N. W.



For Use where the Lawn Mower Fails—No
Stooping or Lane Backs.
You walk along, same as behind the mower.
Per Dozen

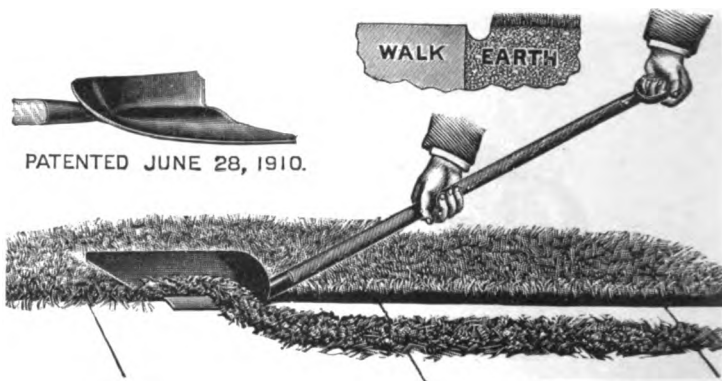
No. NW—Best Quality Steel Shears, Controlled by Steel Spring, Makes a Clean Cut, Hardwood Roller, 4 ft. Hardwood Handles\$24.00



No. NW.

LAWN EDGE TRIMMERS

IMPERIAL



No. 136—Steel Blade, Malleable Iron Socket, Malleable
Iron D Handle, Length Over All 48 inches.....\$14.00

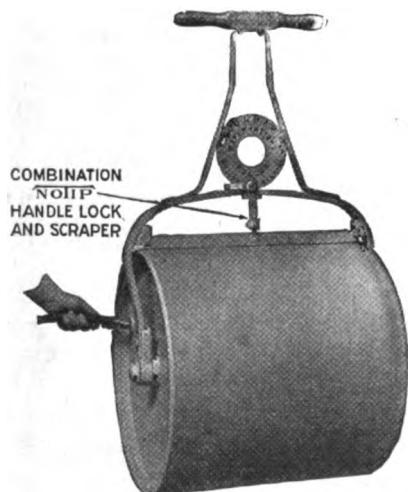
With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes, it plows a clean U-shaped trench (see cut), delivering the cutting on the sidewalk.

Weight Per Dozen 35 Pounds.

One-half Dozen in a Bundle.

LAWN ROLLERS

"DUNHAM" WATER WEIGHT



Combination No-Tip Handle Lock and Scraper.

High Carbon Steel Axles Perfectly Round and Revolving in Roller Bearings, Strong and Rigid, Steel Handle with Wood Grip, Smooth Rolling Surface.

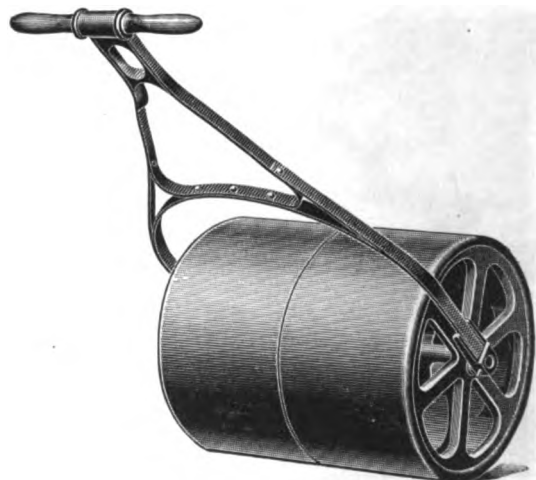
The Roller is Electric Welded, Making the Water Section One Solid Drum. No Rivets are Used. Cannot Leak.

Nos.	*WB3	*WB5	WB7	*WB9
Diameter, Inches....	14	18	24	24
Length, Inches....	20	24	24	32
No. of Sections.....	1	1	1	1
Wt. Empty, Lbs.....	60	85	110	130
Wt. Filled Water, Lbs.	175	300	500	600
Each	\$11.00	13.00	17.00	19.00

Nos.	*WB11	*WB13	*WB15
Diameter, Inches....	18	24	24
Length, Inches....	24	32	24
No. of Sections.....	2	2	2
Wt. Empty, Lbs.....	110	150	130
Wt. Filled Water, Lbs.	300	600	400
Each	\$18.00	24.00	22.00

Note—Nos. Marked () are Not Carried in Stock, but Shipped Direct from Factory.

SWETT'S



Iron Handle with Counterweight.

Beveled Outer Edges, Steel Axles, Perfectly Fitted in Machined Bearings, Assuring Perfect Alignment and Ease in Using.

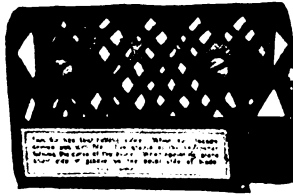
Nos.	3	4	5	6
No. of Sections.....	2	2	2	3
Diameter, Inches....	20	20	20	20
Length, Inches.....	16	20	20	24
Weight, Lbs.....	225	250	300	300
Each	\$14.00	15.50	18.50	18.50

Nos.	7	8	9
No. of Sections.....	2	3	2
Diameter, Inches....	20	20	24
Length, Inches.....	24	30	20
Weight, Lbs.....	300	350	400
Each	\$18.50	21.50	24.50

The Handle of these Rollers is absolutely rigid and will remain so.

LAWN MOWER SHARPENERS

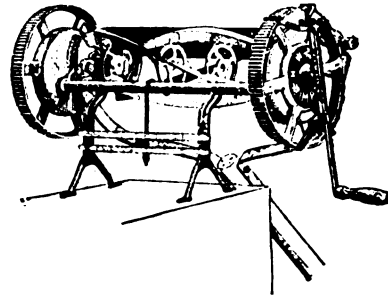
OSBORN, HAND



Per Dozen
No. OH—High Grade Steel File with Four Cutting
Edges, Amber Bronzed Holder\$4.00
No adjusting necessary, will fit any Lawn Mower Blade,
when dull loosen screws and turn the file, the groove of the
sharpener follows the curve of the blade, simple in construc-
tion, ready for use.

Weight Per Dozen 7½ Pounds.
One Dozen in a Hinged Cover Display Box.

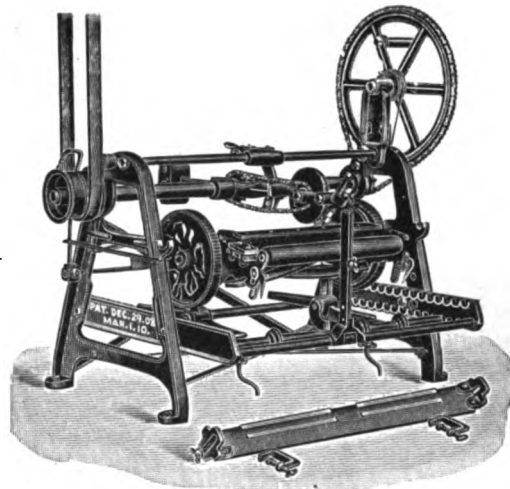
LITTLE GIANT



Per Dozen
No. 1L—Malleable Iron\$26.00
See that the boxings of Mower are properly adjusted and
clamp Mower firmly to Sharpener; place them on bench so
that crank will turn freely; adjust the stationary blade so
that the revolving blades turn a little hard at first; mix
emery with heavy oil about the thickness of molasses and
apply it to the blades with brush while they are in motion.
Follow these directions to secure a perfectly sharpened Mower.
One-twelfth Dozen in a Box.

LAWN MOWER GRINDERS

IDEAL



Cut Shows Grinder without Sub-Base.

The Power Grinder is the same as the Hand Grinder, except equipped with Power Attachment, with Tight and Loose Pulleys. The Power Grinder can be operated by Hand, as well as by Power. The Main Driving Shaft which carries the Grinding Wheel is 1¼ inches in diameter. The Grinding Wheel is of Carborundum, the best known abrasive, which while costing more than Emery will wear twice as long and cuts much easier.

The "Ideal" Lawn Mower Grinder is a Machine that is rapidly revolutionizing the old unsatisfactory method of sharpening Mowers by means of Files and Emery Dust.

By means of the "Ideal" Lawn Mower Grinder, any person with ordinary intelligence can sharpen a Lawn Mower with accuracy in one-half the time required by the old method. The "Ideal" Grinder will grind any desired clearance behind the cutting edge, and the blades will all be ground the same distance from the center, or straight across, so that each blade touches the steel cutting bar along its entire length with uniform precision.

Heavy Iron Frame, Fitted Brass Bearings, Main and Grinding Wheel Shafts are Ball Bearing, 5x¾ inches, Grinding Wheel, Steel Bicycle Chain, ¾ inch Feed Screws, with Skate Sharpening Attachment.

Each
No. 1—Hand Grinder, 36 inches High, 30 inches Wide Between Frames, Will Sharpen All Mowers up to 24 inch Blades,
with Sub-Base, Weight Each 125 Lbs.\$80.00
No. 3—Power Grinder, 53 inches High, Same Description as No. 1, with Sub-Base, Weight 190 Lbs. 80.00

Full Directions for Operating Furnished with Each Machine.

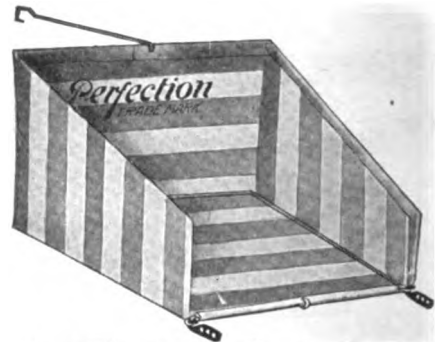
For Shipment Direct from Ohio Factory.

GRASS CATCHERS

PERFECTION



Heavy Galvanized Wire Frame, Fine Quality Duck in Assorted Colors, Adjustable Steel Hooks. Per Dozen
 No. 1—Depth 7 inches, for 12 to 16 inch Mowers.....\$8.00,
 No. 2—Depth 7 inches, for 14 to 20 inch Mowers..... 8.50

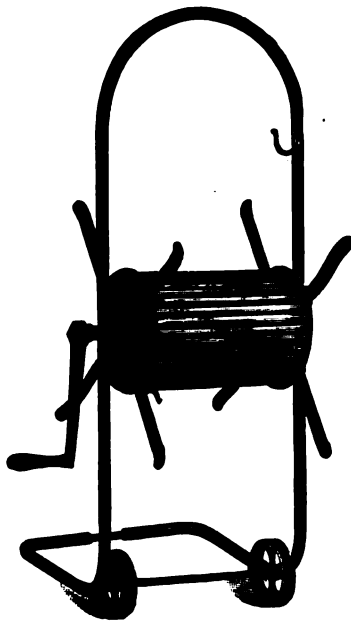


Heavy Galvanized Wire Frame, Fine Quality Duck in Assorted Colors, Adjustable Steel Hooks. Per Dozen
 No. 10—Depth 12 inches, for 12 to 16 inch Mowers...\$ 9.50
 No. 20—Depth 12 inches, for 16 to 20 inch Mowers... 10.00

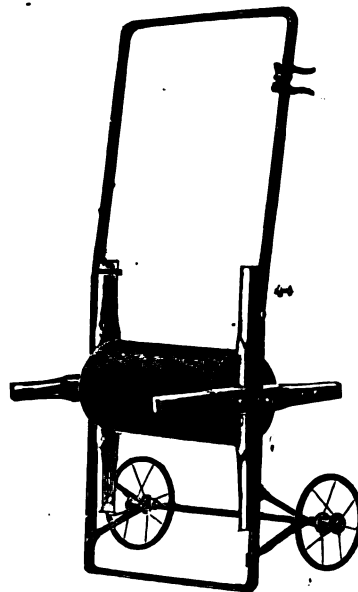


Heavy Galvanized Wire Frame, Heavy Galvanized Iron Bottom, Fine Quality Duck in Assorted Colors, Adjustable Steel Hooks, with Handle. Per Dozen
 No. 30—Depth 13 inches, for 12 to 16 inch Mowers.....\$13.00
 No. 40—Depth 13 inches, for 16 to 20 inch Mowers..... 16.00

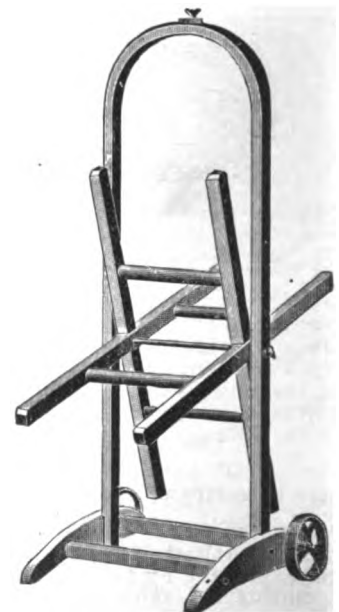
HOSE REELS



Iron and Steel.
 $\frac{3}{8}$ inch Gas Pipe Frame, Galvanized Steel Drum, Finished Green, Removable Crank Handle. Each
 No. 50—35 inches High, 13 $\frac{1}{2}$ inches Wide, Holds 100 feet $\frac{3}{4}$ inch Hose.....\$3.00
 A Dog and Ratchet prevents the drum from turning, when desired. One in a Crate.



All Steel Except Wood Drum Handles. Enameled Green, Hinged Handle. Each
 Favorite—33 $\frac{1}{2}$ inches High, 17 inches Wide, 6 inch Wheels, Holds 50 feet $\frac{3}{4}$ inch Hose...\$2.75
 Will not warp or shrink. Drum can be locked when hose is reeled to prevent unwinding.
 Six in a Crate.



Bow Top, Seasoned Oak Throughout. Vermilion Red Painted and Varnished Frame, Natural Wood Finished Drum, Black Enameled Cast Iron Wheels. Each
 No. 1R—38 $\frac{1}{2}$ inches High, 25 $\frac{1}{2}$ inch Diameter Drum, Width of Drum 15 inches, Holds 100 feet $\frac{3}{4}$ inch Hose.....\$1.00
 Weight Each 8 Pounds. One in a Bundle.

GARDEN HOSE

RUBBER



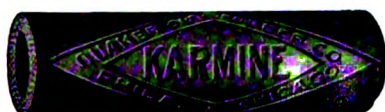
Per Foot
Atlantic— $\frac{1}{2}$ inch, 3 Ply, 10 Oz.
 Duck, Seamless Black Rubber, Weight Per Coil 12 Lbs. **\$0.14**
Atlantic— $\frac{3}{4}$ inch, 3 Ply, 10 Oz.
 Duck, Seamless Black Rubber, Weight Per Coil 16 Lbs. **.18**
 Fifty Feet in a Coil, Coupled.



Per Foot
Standard— $\frac{1}{2}$ inch, 3 Ply, 7 Oz.
 Duck, Seamless Black Rubber, Weight Per Coil 10 Lbs. **\$0.11**
Geysers— $\frac{3}{4}$ inch, 4 Ply, 6 Oz.
 Duck, Seamless Black Rubber, Weight Per Coil 14 Lbs. **.15**
 Fifty Feet in a Coil, Coupled.



Per Foot
Columbia— $\frac{3}{4}$ inch, 5 Ply, Extra Quality Seamless Black Rubber, Weight Per Coil 15 Lbs. **\$0.17**
 Fifty Feet in a Coil, Coupled.



Per Foot
Karmine— $\frac{1}{2}$ inch, 4 Ply, 10 Oz.
 Duck, Seamless Red Rubber, Weight Per Coil 12 $\frac{1}{4}$ Lbs. **\$0.17**
 Fifty Feet in a Coil, Coupled.



Per Foot
Corsair— $\frac{3}{4}$ inch, 5 Ply, 7 Oz.
 Duck, Seamless Black Rubber, Weight Per Coil 15 $\frac{1}{2}$ Lbs. **\$0.20**
 Fifty Feet in a Coil, Coupled.



Per Foot
Reding— $\frac{3}{4}$ inch, 5 Ply, 7 Oz.
 Duck, Seamless Red Rubber, Weight Per Coil 15 $\frac{1}{2}$ Lbs. **\$0.21**
 Fifty Feet in a Coil, Coupled.



Per Foot
Norse— $\frac{3}{4}$ inch, 6 Ply, 7 Oz. Duck, High Grade Seamless Black Rubber, Weight Per Coil 16 $\frac{1}{4}$ Lbs. **\$0.22**
 Fifty Feet in a Coil, Coupled.



Per Foot
Rain Lawn— $\frac{3}{4}$ inch, 4 Ply, 10 Oz. Duck, High Grade Seamless White Rubber, Weight Per Coil 16 $\frac{1}{4}$ Lbs. **\$0.22**
 Fifty Feet in a Coil, Coupled.



Per Foot
Norwald— $\frac{3}{4}$ inch, 7 Ply, 7 Oz. Duck, Extra Quality Seamless Black Rubber, Weight Per Coil 18 $\frac{1}{2}$ Lbs. **\$0.25**
 Fifty Feet in a Coil, Coupled.



Black Molded Garden Hose, Consisting of Seamless Tube Covered with Plies of Braided Fabric and a Tough, Durable Cover which Insures Long Service.

Per Foot
Wonderful— $\frac{1}{2}$ inch **\$0.16**
Wonderful— $\frac{5}{8}$ inch **.19**
Wonderful— $\frac{3}{4}$ inch **.21**

In 250 and 500 Foot Reels.

RUBBER, WIRE WOUND



Per Foot
Kaplan— $\frac{3}{4}$ inch, 5 Ply, Extra Quality Seamless Black Rubber, **Half Round Wire Wound**, Weight Per Coil 26 Lbs. **\$0.25**
Round Wire **.21**
 Fifty Feet in a Coil, Coupled

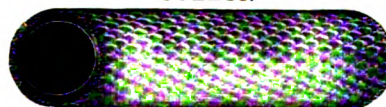


Black Molded Garden Hose, Consisting of Seamless Tube Covered with Plies of Braided Fabric and Tough Layers of Rubber, Corrugated Cover.

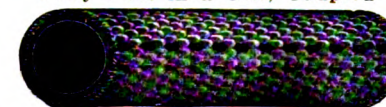
Per Foot
Ringmeter— $\frac{1}{2}$ inch **\$0.21**
Ringmeter— $\frac{5}{8}$ inch **.24**
Ringmeter— $\frac{3}{4}$ inch **.26**
 Rings of Rubber Appear Every Foot Making it Self-Measuring.

In 250 and 500 Foot Reels.

COTTON



Per Foot
Rival— $\frac{3}{4}$ inch, Rubber Lined, Seamless White and Red Corded Cotton, Weight Per Coil 10 Lbs. **\$0.20**
 Fifty Feet in a Coil, Coupled

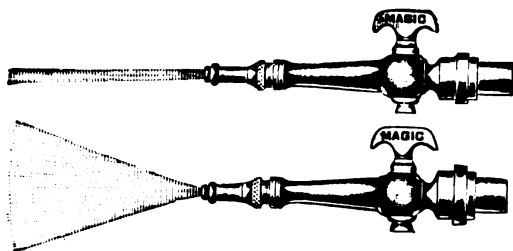


Per Foot
Yale— $\frac{3}{4}$ inch, Rubber Lined, Seamless Red and Blue Striped Cotton, Weight Per Coil 11 Lbs. **\$0.23**
 Fifty Feet in a Coil, Coupled

HOSE FIXTURES

HOSE NOZZLES

MAGIC



No. 5— $\frac{3}{4}$ inch, Polished Brass, with Cock and Screw
Tip, Spray and Solid Stream.....\$10.00
Graduates from Fine Spray to coarse and solid. Discharges
same volume of water with either spray or solid stream and
does not limit the supply nor strain the hose.
One Dozen in a Box.

Per Dozen

HOSE STRAPS



Showing Strap Applied.

Caldwell, Welded Soft Brass Wire.

Nos.	4	6	8
Length, Inches	3 $\frac{3}{4}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$
For Hose, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$
Per Gross	\$1.75	1.75	1.75

HOSE CLAMPS



Single.

Polished Brass, with Bolt.

Nos.	60	61	62
For Hose, Inches....	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$
Wt. Per Dozen, Lbs .	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per Dozen	\$0.70	.70	.70

Twelve Dozen in a Box.

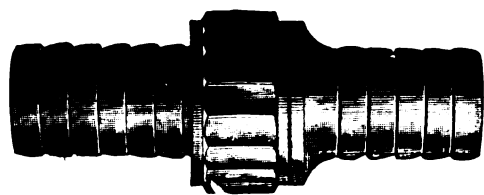
Double.

Polished Brass, with Bolt.

No. 17—For $\frac{3}{4}$ inch Hose.....\$1.30
Per Dozen

Six Dozen in a Box.

HOSE COUPLINGS



Brass, with Hose Pipe Thread.

Nos.	015	015 $\frac{1}{2}$	15
Size, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per Dozen	\$3.50	3.50	3.50

Open Stock.

DIAMOND

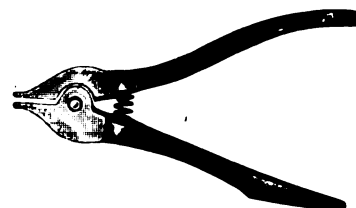


No. 10— $\frac{3}{4}$ inch, Polished Brass, Spray and Solid
Stream\$8.50
The spray can be graduated from a fine mist to a solid
spray, a fine operating nozzle, free from sand holes and flaws,
finished throughout.

Per Dozen

One Dozen in a Box.

HOSE PLIERS



No. 1—Caldwell's, Malleable Iron, Japanned, for Attach-
ing Hose Straps $\frac{1}{2}$ to 1 inch.....\$2.50
Weight Per Dozen 7 Pounds.
Open Stock.

Per Dozen

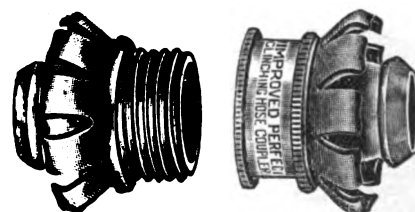
HOSE WASHERS



Rubber

Hose Washers— $\frac{3}{4}$ inch, for Gar-
den Hose\$0.70
One Pound in a Box.

Per Pound



Perfect Clinching, Heavy Wrought Brass, Self-Fastening.

Nos.	125	345
For Hose, Inches....	$\frac{1}{2}$	$\frac{3}{4}$
Per Dozen Pairs	\$5.00	5.00

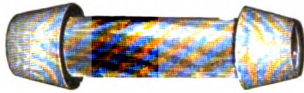
Does not require extra bands, bolts or wire. Adjusts itself
to any thickness of hose.

One Dozen in a Display Box.

HOSE FIXTURES

HOSE MENDERS

WOOD



No.	7
For Hose, Inches.....	$\frac{3}{4}$
Per Gross	\$1.50

Open Stock.

IRON



Galvanized Iron.

Nos.	5	5 $\frac{1}{2}$	6
For Hose, Inches.....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per Dozen	\$0.60	.60	.60

Open Stock.

HOSE MENDERS

HUDSON



Set Consists of 1 Pair Japanned Iron Pliers, 6 Sheet Brass Tubes and 20 Best Soft Brass Wire Bands.

Nos.	10	12
For Hose, Inches.....	$\frac{1}{2}$	$\frac{3}{4}$
Per Dozen Sets	\$2.00	2.00

One Set in a Box.

Extra Tubes, for $\frac{1}{2}$ inch Hose.....	Per Dozen	\$0.60
Extra Tubes, for $\frac{3}{4}$ inch Hose.....		.60
Extra Pliers		3.50
Extra Bands, for $\frac{1}{2}$ inch Hose.....	Per Dozen	\$1.00
Extra Bands, for $\frac{3}{4}$ inch Hose.....		1.00

HOSE ATTACHMENTS

ROYLE'S PATENT



For Connecting Hose to Smooth Faucets
Brass.

No. 2—For $\frac{1}{2}$ inch Faucet, and $\frac{3}{4}$ inch Coupling.....	Per Dozen	\$7.00
No. 3—For $\frac{5}{8}$ inch Faucet, and $\frac{3}{4}$ inch Coupling.....		8.00

Instantly attached, cannot leak or be forced off. To apply simply push the attachment on the faucet; the greater the pressure of water the tighter it will hold.

Open Stock.

COOPER'S



Seamless Brass Tube, 3 inches Long.

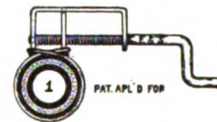
Nos.	1C	2C
For Hose, Inches.....	$\frac{1}{2}$	$\frac{3}{4}$
Per Dozen	\$1.50	1.50

Simple, practical and effective, does not reduce the diameter of the hose, will not rust or wear out. Needs no wires, pliers or mechanical skill to adjust.

Three Dozen in a Box.

HOSE TOOLS

F. & S.



Cuts Shows Band Around Hose and Tool in Position.



Cuts Show the Hose Mended.

Set Consists of 1 Steel Hose Tool with Cut Threads, 6 Brass Wire Bands and 6 Wood Hose Menders.

No.	6F
For Hose, Inches.....	$\frac{3}{4}$
Per Dozen Sets	\$6.00

SILL STOP COCK KEYS



No. 25— $\frac{3}{8}$ inch, Brass, Rough.....	Per Dozen	\$2.75
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Open Stock.



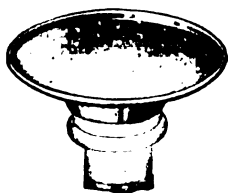
No. 26— $\frac{3}{8}$ inch, Brass, Polished.....	Per Dozen	\$4.50
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Open Stock.

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LAWN SPRINKLERS

FOUNTAIN SHOWER



No. 10—Fountain Shower, 2 ¼ inch Diameter, All Brass
Hose Nozzle or "Rose".....\$3.50

Per Dozen

For use either in the hand for sprinkling flowers or lawn, or as a lawn sprinkler, by laying it upon something to elevate it slightly. The perforations are not smoothly cut, but are pricked in from the top, so that the water is distributed in the form of a fine mist even at low pressure.

One Dozen in an Attractive Lithographed Display Carton.

HALF CIRCLE FOUNTAIN



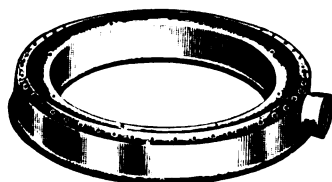
No. 12—Half Circle Fountain, 4 ½ inches Long, Polished
Heavy Sheet Brass, Perforated, for ¾ inch Hose...\$8.00

Per Dozen

Delivers a mist-like spray that thoroughly covers but half of the full circle. The water is all thrown forward from the sprinkler so that it can be moved about without shutting off the water. An exceedingly popular lawn sprinkler of unique and attractive design.

One-half Dozen in an Attractive Lithographed Display Carton.

FOUNTAIN

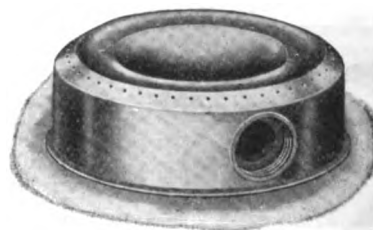


No. 1904—8 inch Diameter, Polished Heavy Sheet
Brass Hollow Ring, Perforated Top, for ¾ inch
Hose\$15.00

Per Dozen

Throws a fine spray and covers a large circle. Can be conveniently moved from one spot to another without shutting off the water. No moving parts to get out of order.
One-half Dozen in an Attractive Lithographed Display Carton.

BABY FOUNTAIN

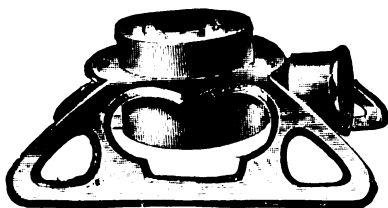


No. 14—Baby Fountain, 5 ¼ inch Diameter, Polished
Heavy Sheet Brass, Perforated Top, for ¾ inch
Hose\$10.00

Per Dozen

Sprinkles a square plot of grass instead of a round plot. Has the same beautiful mist-like spray as the regular fountain. Can be easily moved about without shutting off the water.
One-half Dozen in an Attractive Lithographed Display Carton.

EVANSTON



Nickel Plated Brass Nozzle.

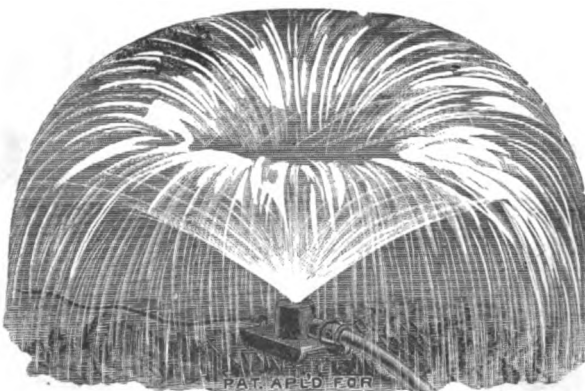
No. 15 — Evanston, 2 ¼ inches
High, Japanned Iron, for ¾
inch Hose\$7.00

Per Dozen

Made in the most substantial manner and possesses a great advantage in that it has no revolving parts to wear out and that it will not clog with sand or dirt.

One-twelfth Dozen in a Box.

SENSIBLE



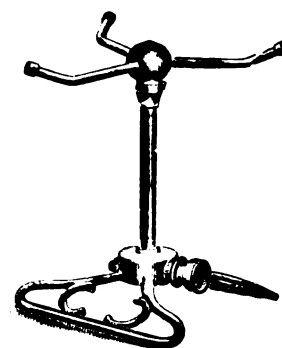
No. 16—Sensible, Japanned, Cast
Iron, for ¾ inch Hose.....\$5.00

Per Dozen

Spray will cover a space from 30 to 40 feet.

Packed One in a Box.

PLUVIUS



No. 18—Pluvius, 11 inches High,
Ball Bearing, Revolving
Arms, Brass Swivel Hose
Connection, Brass Head and
Arms, Red Japanned.....\$26.00

Per Dozen

Revolves with the slightest pressure and covers a large or small circle according to water pressure.

One-twelfth Dozen in a Box.

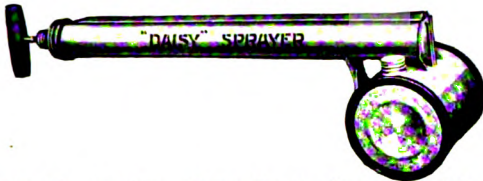
SPRAYERS

MIDGET



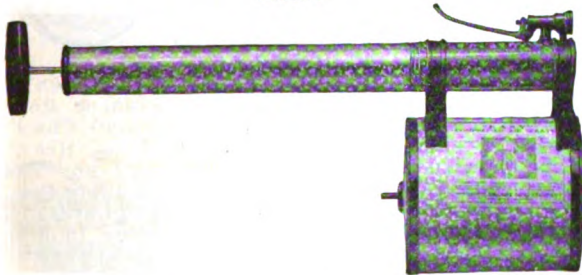
Midget—Capacity 1 Pint, 3x3 inch Heavy Tin Reservoir, Length Over All 14 inches, $\frac{1}{4}$ inch Pump Rod, Fitted with Anhydrous Leather and Special Metal Expanders\$4.00
A new Sprayer made to meet demand for a small sprayer for household use. Made of good weight tin.
Weight Per Dozen 7 $\frac{1}{2}$ Pounds.
Two Dozen in a Box.

DAISY



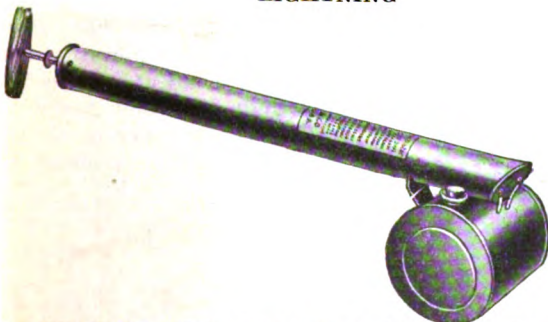
Daisy—Double Action, Capacity 1 Quart, 4x4 $\frac{1}{4}$ inch Extra Heavy Galvanized Steel Tank, Length Over All 19 inches, $\frac{1}{4}$ inch Pump Rod Fitted with Anhydrous Leather and Special Metal Expander.....\$12.00
Works both ways of the stroke and will deliver twice amount of liquid in same length of time as a single action sprayer.
Weight Per Dozen 19 Pounds.
One Dozen in a Box.

EASY



Easy—Capacity 1 Gallon, 6x6 $\frac{3}{4}$ inch Galvanized Iron Reservoir, 23 inches Long Over All, 1 $\frac{3}{8}$ x14 inch Galvanized Iron Air Chamber, Nicely Striped.....\$2.75
A compressed air Sprayer equipped with automatic shut-off nozzle. Suitable for disinfecting and very desirable for large gardens, chicken houses, etc.
Weight Per Dozen 44 Pounds.
One-half Dozen in a Box.

LIGHTNING



No. 3T—Double Tube, Capacity 1 Quart, Tin Reservoir and Air Chamber, Length of Air Chamber 18 inches, Leather Plunger with Patent Spring Expander, Double Brass Tubes Extending into Reservoir.....\$6.00
No. 3G—Galvanized, Otherwise Same as No. 3T..... 7.20
These Sprayers are made with a slanting end which enables the operator to spray up or down by simply revolving the sprayer while in the hand.
Weight Per Dozen 14 Pounds.
One Dozen in a Box.

NEW MISTY



No. 12—Capacity 1 Quart, 4x4 $\frac{1}{4}$ inch Extra Heavy Tin Lock Seamed Reservoir, Length Over All 21 inches, Large Powerful Pump, $\frac{1}{4}$ inch Pump Rod, Fitted with Anhydrous Leather and Special Metal Expander\$6.00
A General Purpose Sprayer for farm, stable or garden use. Handles fly-oils, bug poisons and disinfectants.
Weight Per Dozen 18 Pounds.
One Dozen in a Box.

RAPID



Rapid—Double Tube, Capacity 1 Quart, 4x4 $\frac{1}{2}$ inch Galvanized Double Seamed Steel Tank, Painted on Corners of Tank, Well Braced, Length Over All 20 inches, $\frac{1}{4}$ inch Pump Rod Fitted with Anhydrous Leather and Special Metal Expander.....\$8.00
This Sprayer throws a wide V shaped spray from two outlets.
Weight Per Dozen 19 Pounds.
One Dozen in a Box.

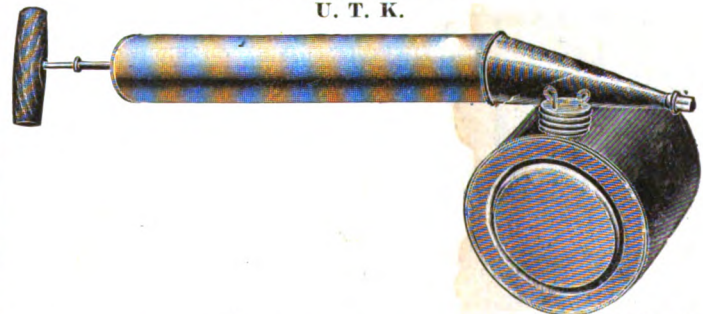
ACME



No. 11T—Capacity 1 Quart, AA Charcoal Tin, 6 inch Diameter Conical Shaped Reservoir, 1 $\frac{3}{4}$ x14 $\frac{1}{2}$ inch Air Pump, Coppered Bessemer Steel Plunger Rod, Leather Plunger with Expander and Wood Backing, $\frac{3}{4}$ inch Can Screw, Length Over All 23 inches\$ 7.00
No. 11G—Galvanized, Neatly Striped with Blue Lacquer, Otherwise Same as No. 11T..... 8.00
No. 11B—All Brass, Waterproof Lacquered, Otherwise Same as No. 11T..... 15.00

The shape of the reservoir is the strongest and most convenient, as it can be drained out perfectly clean and dry. For spraying potatoes, tomatoes, tobacco, etc. Disinfectants in vaults, drains, stables, poultry houses, etc.
Weight Per Dozen 20 Pounds.
One Dozen in a Box.

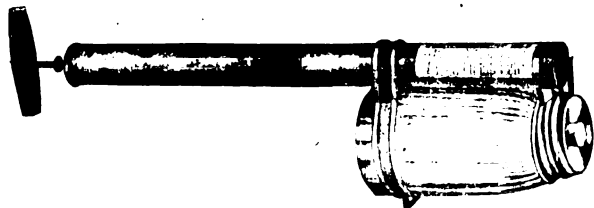
U. T. K.



U. T. K.—Capacity 1 Quart, Galvanized Iron Reservoir, 18x1 $\frac{1}{2}$ inches, Painted Red Air Chamber, Compressed Air Chamber, Adjustable Brass Nozzle, Brass Ball Check Valves.....\$12.00
This Sprayer throws a continuous fine mist or coarse spray. The size of spray is regulated by the brass nozzle.
Weight Per Dozen 17 Pounds.
One Dozen in a Box.

SPRAYERS

LIGHTNING GLASS



Per Dozen

No. 19—Double Tube, Capacity 1 Quart, $1\frac{1}{2} \times 18$ inch Painted Tin Air Chamber, Detachable Glass Reservoir, Heavy Steel Plunger Rod, with Patent Spring Expander\$9.00

An ordinary one-quart Mason fruit jar is used for the reservoir and can easily be replaced in case it gets broken. The reservoir is fitted with a zinc funnel shaped screw cap.

Weight Per Dozen 25 Pounds.
One Dozen in a Box.

BANNER COMPRESSED AIR



Each

No. 12BG—Capacity 4 Gallons, Galvanized Iron Tank, with Double Flange Heads to Stand a Heavy Pressure of Air, 21 inches High, 7 inch Diameter, Heavy Brass Pump Screwed in Center of Head with Machine Cut Thread, Brass Safety Valve to Prevent Over-Pressure, Complete with Adjustable Shoulder Strap with Snap at Each End, Two Feet of $\frac{1}{2}$ inch Three Ply Heavy Cloth Lined Rubber Hose, with Brass Nipple at Each End, with Lever, Self-Cleaning Nozzle, Weight Each $12\frac{1}{2}$ Lbs.\$ 8.00

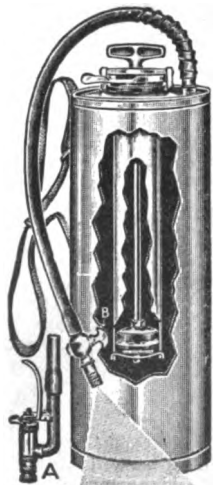
No. 12BB—All Brass, Otherwise Same as No. 12BG, Weight Each 13 Lbs. 12.00

The machine, being oblong, gives it a churning motion when carried over the shoulder, thereby keeping the ingredients well mixed. Adapted to all kinds of spraying purposes.

Adapted for spraying potato vines and vegetables of every description, trees, shrubbery, disinfectants, fly oil, etc.

One in a Box.

AUTO-POP SPRAY



The strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. Indispensable for all spraying purposes, applying disinfectants, cattle fly oil, whitewash and cold water paint.

Each

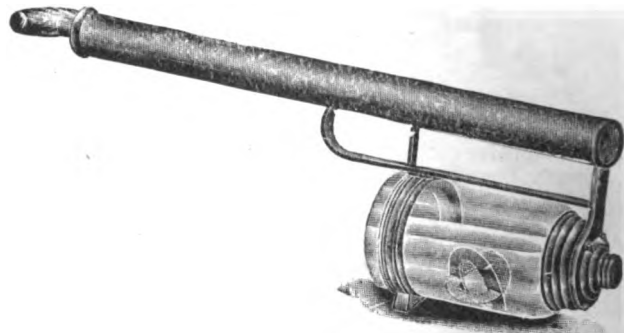
No. 1B—Capacity 4 Gallons, Brass Tank, 24 inches High, 7 inch Diameter, 2 inch Diameter Seamless Brass Pump, Malleable Iron Castings, Complete with Fine Spray Nozzle, Solid Stream Cap, "Auto-Pop" Shut-Off Attachment with Self-Cleaner, 2 feet of $\frac{1}{2}$ inch Hose and Carrying Strap, Weight Empty 9 Lbs., Weight Loaded 39 Lbs., Shipping Weight 15 Lbs.\$13.00

No. 1G—With Galvanized Tank, Otherwise Same as No. 1B 8.50

Extra, Brass Extension Pipe, Length 24 inches.80

Extra, Galvanized Extension Pipe, Length 24 inches.60
One in a Box.

LOWELL GLASS



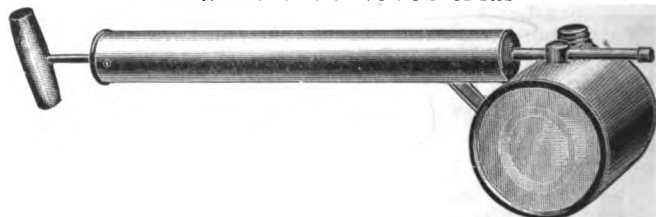
Per Dozen

No. 20—Double Tube, Capacity 1 Quart, $1\frac{1}{2} \times 19$ inch Painted Red Tin Air Chamber, $22\frac{1}{2}$ inches Long Over All, Detachable Glass Reservoir, Large Hand Hold with Agitator\$11.00

Has a zinc jar top with a 1 inch zinc can screw. The double air chamber enables the operator to spray a quart of liquid with only two-thirds the number of strokes over any other sprayer that sprays over end of barrel.

Weight Per Dozen 30 Pounds.
One Dozen in a Box.

LOWELL CONTINUOUS SPRAY



Per Dozen

No. 115—Continuous Spray, Capacity 1 Quart, $1\frac{1}{2} \times 14$ inch Air Chamber, $\frac{1}{4}$ inch Steel Plunger Rod, Special Type Plunger, $\frac{1}{8}$ inch Brass Ball Check Valve, Positive in Action, Solution Tank Heavy Tin, Constructed so that Sprayer Will not Tip Over when Filling Tank, $\frac{3}{4}$ inch Zinc Filling Cap, Complete with Extra Tip for Spraying Upwards.\$12.00

Lowell Continuous Sprayer, as the name implies, is so constructed that it not only sprays on the downward stroke of the plunger, but also when it draws back, thus causing a continuous spray.

Weight Per Dozen 24 Pounds.
One Dozen in a Box.

PERFECTION



Each

No. 10G—Galvanized Steel Tank, Lock Seamed with 26 Rivets, 20 inches High, $7\frac{1}{2}$ inch Diameter, Capacity 4 Gallons, Heavy $1\frac{3}{4}$ inch Seamless Brass Pump Tubing with Brass Valves, $\frac{1}{8}$ inch Pump Rod Filled with Anhydrous Leather, with Special Metal Expander, Heavy Shoulder Strap Attached with Snaps, $\frac{3}{8}$ inch 5 Ply Cloth Inserted Hose Equipped with Automatic Shut-Off Nozzle, Weight Each 9 Lbs.\$ 9.00

No. 10B—Brass Tank, Otherwise Same as Above. 13.00
One in a Box.

This Sprayer is built along the best lines to give best service. Will handle whitewash, water, paint, bordeaux, etc., perfectly. For whitewash and heavy mixtures it is necessary to use a W. W. cap in nozzle furnished with each sprayer.

SPRAYERS

LOWELL FOUNTAIN COMPRESSED AIR

Each

- No. 110—Capacity 3 Gallons, Galvanized Steel Tank, Aluminized, Brass Pump, Complete with Tree Attachment Consisting of $\frac{3}{8}$ inch Red Rubber Tubing with 1 foot Brass Spraying Nozzle for Small Tree and Shrub Spraying, 3 inch Spray Crook Nozzle for Potato Spraying, Funnel with 2 inch Brass Wire Strainer Cloth and 1 inch Heavy Web Shoulder Strap.....\$ 9.00
- No. 111—With Polished and Lacquered Brass Tank, Otherwise Same as No. 110.....13.00
- Extra Brass Extension Rod—1 foot Long......50
- Extra Brass Extension Rod—2 feet Long......90

This Sprayer is both automatic and positive in its action. One charge or pumping is sufficient to expel entire contents of tank. Having convex heads entire contents can be drained from machine, leaving it perfectly dry when not in use. The air compressor or pump has a $1\frac{1}{8}$ inch diameter brass cylinder which is placed outside of the tank and is detachable. It screws into a cast brass seat which contains a $\frac{1}{2}$ inch ball check valve, also detachable. The discharge pipe extends down through the tank to the very bottom of the solution.

Weight Per Box 100 Pounds.

One-half Dozen in a Box.

SPRAY PUMPS

LITTLE GIANT BUCKET

Will carry a pressure on the nozzle of from 50 to 100 lbs. with ordinary exertion.

Will throw a solid stream 50 feet and is of unusual value for spraying trees, washing windows and buggies, extinguishing fires, sprinkling lawns, flowers, etc.

The foot rest steadies the pump, holding it in proper position.

Each



- No. 327 $\frac{1}{2}$ —26 $\frac{1}{2}$ inches High, 2 Brass Cylinders, $1\frac{1}{8}$ inch Diameter, 20 inches Long, Cast Brass Base, Malleable Foot Rest, Brass Ball Valves, Patent Agitator, Complete with 3 feet of Rubber Hose and Fine, Coarse Spray and Solid Stream Nozzle.....\$5.00
- Weight Per Dozen 72 Pounds.
- One-third Dozen in a Bundle.



Barrel not Furnished.

MYERS' COG GEAR BUCKET

The Large Cylinder in combination with the Cog Gear Handle makes this an exceptionally easy working pump of more than ordinary capacity.

The patented jet agitator keeps the liquid thoroughly mixed.

Each



- No. R324—1 $\frac{1}{2}$ inch Diameter Brass Cylinder with Solid Plunger, Brass Ball Valves, Air Chamber and Discharge Tube, Malleable Iron Foot Rest, Head and Cog Gear, Patent Jet Agitator, Complete with Detachable Hose and Graduating Vermorel, Fine, Sprinkling and Solid Stream Nozzle.....\$7.20

Weight Each 7 Pounds.

One in a Box.

MYERS' IMPROVED BARREL

Bronze Ball Valves and Brass Seats.

For Barrel.

Each

- No. 305B—Brass Cylinder, Brass Plungers Fitted with Hemp Packing, Brass Discharge Pipes, 20 inch Air Chamber, Enabling the Pump to Throw a Uniform and Elastic Spray, Complete with One Lead and 15 foot $\frac{1}{2}$ inch 5 Ply Discharge Hose, Graduating Vermorel Nozzle and Both Jet and Mechanical Agitators.....\$15.50
- The entire pump sets inside the barrel containing the liquid and is bolted at its upper end to the barrel staves. All working parts are entirely submerged in the liquid, avoiding all possibility of losing priming. Self-expanding hemp packing plunger. Has good leverage. Very powerful and easily operated. Will handle hot, cold or any caustic mixture.

Weight Each 35 Pounds.

NOZZLES

IMPERIAL



Brass.

Each

- No. 642—Will Throw a Fine Mist Like Spray, Can be Cleaned by Simply Removing Cap, Fitted for $\frac{1}{4}$ inch Pipe, Will Fit Nos. 327 $\frac{1}{2}$, R324 and 305B Spray Pumps.....\$0.50

VERMOREL



Brass.

Each

- No. 1564—Graduating, Will Throw a Fine Mist up to a Solid Spray or Can be Shut Off Entirely by Adjusting the Screw Plunger by Means of a Thumb Nut, Fitted for $\frac{1}{4}$ inch Pipe, Will Fit Nos. 327 $\frac{1}{2}$, R324 and 305B Spray Pumps.....\$1.00

SPRINKLING



Brass.

Each

- No. 548—For Sprinkling, Fitted for $\frac{1}{4}$ inch Pipe, Will Fit Nos. 327 $\frac{1}{2}$, R324 and 305B Spray Pumps.....\$0.50

BORDEAUX



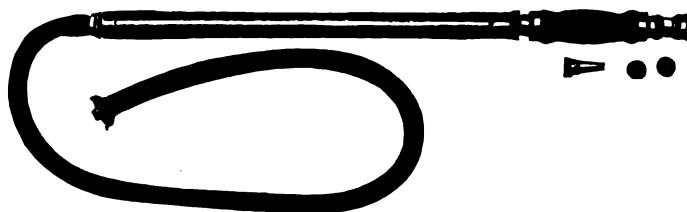
Brass.

Each

- No. 1019—Will Throw a Fan Shaped Spray or Solid Stream, Will Readily Free Itself Should it Become Clogged by Turning the Cock Handle, for White-washing, Fitted for $\frac{1}{4}$ inch Pipe, Will Fit Nos. 327 $\frac{1}{2}$, R324 and 305B Spray Pumps.....\$1.10

SPRAY PUMPS

SMITH STURDY



Double Acting, Continuous Spray.

Each

No. 45—Length of Handle and Nozzle 25 1/2 inches, Made Entirely of Brass, no Leather Packing and Other Parts to Wear out, Brass Nozzle of Special Construction, Main Nozzle Supplied with Three Interchangeable Discs with Various Size Holes for Different Work, a Fine Nozzle is Also Furnished which May be Used for Wagons and Windows, Complete with 42 inch Hose. \$5.00

This Spray Pump may be used in connection with any pail, bucket, can, barrel or tank by simply placing the strainer end of hose in such vessel. It is double acting and works with ease on the up and down stroke. One brass tube works inside of the other, has brass ball valves, which will not corrode or rust. It does not require extension rods for elevating the spray, for it will spray the tallest tree from the ground. Used with a barrel for large orchard work. It is easily operated by one man.

The Sturdy is used for all kinds of spraying purposes such as spraying garden vegetable, orchards, washing wagons, windows, spraying disinfectants, whitewashing stables and poultry houses and for all purposes where spraying is to be done. It is a great fire extinguisher. When not in use have a pail of water handy and in case of fire you will find this Pump to be an excellent extinguisher. Throws a stream 40 to 50 feet.

When used with a barrel, if a long piece of hose is required, remove the hose furnished with the pump and in its place use ordinary 1/2 inch hose. Slip one end on to the bottom of pump and the strainer part in the other end. As much hose as is necessary may be used.

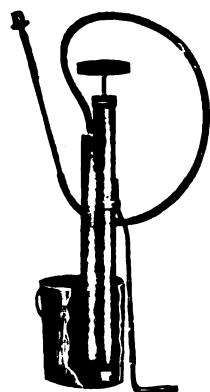
Weight Each 3 Pounds.

WHITEWASH SPRAYER AND FORCE PUMP

LIGHTNING

Will Fit Any Pail or Bucket.

Each



No. 28.

No. 28—Heavy Galvanized Iron, Nicely Painted, Brass Tops and Bottoms, Ball Valves and Steel Foot Rest, Large Air Chamber, Complete with Three feet Heavy Cloth Lined Hose, with 1 foot of Heavy Brass Extension Rod and a Brass Nozzle. \$3.00

Extra Brass Extension Rods—3 feet Long, with Connections, for Whitewashing High Ceilings or Spraying Trees.60

This Pump is used for a bucket spray and force pump, for spraying trees, shrubbery, garden use, vegetables, washing wagons, windows, etc., as well as for whitewashing. It will throw a continuous stream 35 feet high. Will spray whitewash without clogging.

The Pump is provided with an overflow carrying all liquids back into the pail which might get above the plunger leather. The plunger is easily removed. No parts to get out of order and the machine is easy to operate.

The Pump is also provided with a patent spring plunger leather expander which keeps the plunger leather open and in shape and prevents it from drying up.

Weight Per Dozen 88 Pounds.

One-half Dozen in a Box.

WHITEWASH SPRAYING MACHINES

STAR



Each

No. H—Capacity 4 Gallons, Heavy Galvanized Tank, Riveted and Soldered Joints, Powerful Self-Contained All Brass Air Pump, Complete with Spray Pipe with 1/8 inch Cock and Spray Nozzle and 10 feet of 3/8 inch Discharge Hose. \$16.00

These machines are subjected to a test of 100 pounds pressure per square inch before shipping and are thoroughly first-class in every detail of construction. They will be found invaluable for small classes of work and will suggest themselves for a variety of uses. They are provided with a bail handle and are very portable.

Weight Each 20 Pounds.



Each

No. J—Seamless Brass Tubing, Pumping Cylinder, Air Chamber, Valve Seats and All Working Parts are Constructed Entirely of Brass, Complete with Spray Pipe with 1/8 inch Cock and Spray Nozzle, Follower Wrench and 10 feet of 3/8 inch Discharge Hose. \$18.00

The pumping cylinder and air chamber, being constructed of brass, will not corrode from the use of any liquids. One man can operate this machine alone and from 80 to 90 pounds of pressure can be easily carried.

Weight Each 40 Pounds.

FLY AND GERM KILLER

CHILD'S SO-BOS-SO KILFLY

"Once Tried, Always Used."

So-Bos-So Kilfly has increased the milk production in hundreds of dairies. It has made life more comfortable for thousands of horses, cattle and hogs. It has made thousands of chicken coops and hen houses more sanitary. Thousands of farmers are using So-Bos-So Kilfly on their live stock the year round. Summer in particular is the time when you should use So-Bos-So Kilfly.

CHILD'S
SO-BOS-SO
TRADE KILFLY MARK

So-Bos-So—One Gallon Cans, Thoroughly Disinfectant and Germicidal, for Cows, Horses and Cattle\$15.00
So-Bos-So is a liquid mixture designed to protect cows, horses and hogs from torture of flies, and is positively harmless.

One Dozen Cans in a Box.

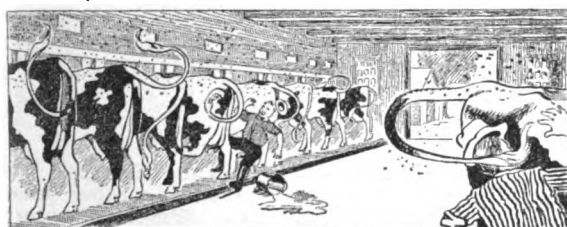


SO-BOS-SO SPRAYERS



No. 2—Capacity 1 Quart, Tin Reservoir and Air Chamber, Size of Air Chamber 1 7/8 x 15 1/2 inches, 4 1/4 x 6 inch Reservoir, Throws a Very Fine Spray and Especially Adapted for the Use of So-Bos-So Kilfly\$7.00
One Dozen in a Box.

The assertion that we make regarding So-Bos-So Kilfly increasing milk production 20 per cent is taken from the records of several farmers who have used this preparation for many years with gratifying results.

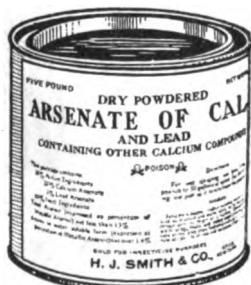
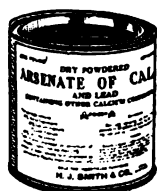


Before Using So-Bos-So Kilfly.



After Using So-Bos-So Kilfly.

SEE
THE
RESULT

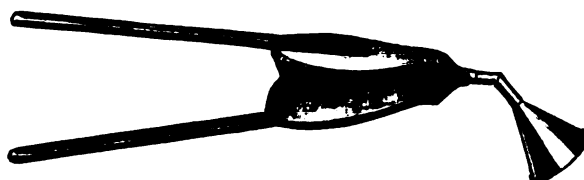
ARSENATE OF LEAD
DRY POWDERED

	Per Pound
1 Lb. Can, 50 Cans in a Box.....	\$0.56
5 Lb. Can, 4 Cans in a Box.....	.52
10 Lb. Drum .....	.50
100 Lb. Drum .....	.40

The Dry Arsenate possesses every advantage of the paste with none of its disadvantages.

This material is now recognized by every institution of learning in the Departments of Agriculture in the various colleges throughout the country as being the leading universal spray powder and insecticide.

But if you use So-Bos-So Kilfly you will overcome all of these difficulties to animal and man. The cow will be able to devote more energy toward milk production and the milking will be made easier.

POWDER GUNS
ACME SINGLE

No. 313—24 inches Long, Capacity 1/4 Lb., Fine Russet Leather Bellows, Vermilion Painted Basswood Sides, Convenient Length Handles.....\$15.00

For spraying Paris Green, Insect Powder, etc. Consists of a tight valveless bellows equipped with distributing nozzle, funnel, spreader for diffusing the spray and an elbow for placing the spray on the under side of the leaves.

Weight Per Dozen 25 Pounds.
One Dozen in a Box.

TANK HEATERS

STANDARD



Nos. 1 and 2.

HARVARD



Nos. 10 and 20.

Height 24 inches, Galvanized Steel Body and Bottom, Riveted Cast Swing Top, Complete with Long Straight Handled Shovel and Poker, Securing Rods and Joint of Pipe, with Spark Arrestor.

"STANDARD," with Hinged Flat Grate.

Each
No. 1—Diameter 16 inches, Weight Each 40 Lbs. \$6.75
No. 2—Diameter 19 inches, Weight Each 60 Lbs. 8.50

One-half of the Hinged Grate can be raised with the poker and the ashes taken out, putting out the fire. Tested with water before leaving factory and warranted not to leak.

"HARVARD," with Basket Grate.

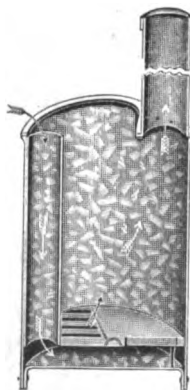
Each
No. 10—Diameter 16 inches, Weight Each 45 Lbs. \$7.00
No. 20—Diameter 19 inches, Weight Each 65 Lbs. 9.50

The fire can be taken out with the Basket Grate and replaced, thus saving the trouble of rekindling. Tested with water before leaving factory and warranted not to leak.

G. & J.



Cut Shows Basket Grate.



Sectional View.

Height 25 inches, Heavy Galvanized Steel Body and Bottom, Securely Riveted, Cast Iron Swing Top, Complete with Long Handle Shovel and Poker, Securing Rods and Joint of Pipe with Spark Arrestor.

With Flat Grate.

Each
No. 1G—Diameter 16 inches, Weight Each 48 Lbs. \$7.50
No. 2G—Diameter 19 inches, Weight Each 66 Lbs. 9.50

With Basket Grate.

Each
No. 10G—Diameter 16 inches, Weight Each 50 Lbs. \$8.00
No. 20G—Diameter 19 inches, Weight Each 70 Lbs. 10.50

Without Grate.

Each
No. 01G—Diameter 16 inches, Weight Each 36 Lbs. \$6.50
No. 02G—Diameter 19 inches, Weight Each 45 Lbs. 8.75

The top of these Tank Heaters is constructed that the pipe need not be disturbed when swung around to feed or take out the ashes. Every Heater tested before leaving factory and warranted not to leak.

BLACK JACK



Nos. 01 and 02.



Nos. 010 and 020.

Height 24 inches, One Piece Cast Iron Body and Air Chamber, Durable and Heavy, Removable Cast Iron Top, Complete with Shovel and Poker, Securing Rods and Joint of Pipe with Spark Arrestor.

With Flat Grate.

Each
No. 01—Diameter 14 inches, Weight Each 115 Lbs. ... \$9.75
No. 02—Diameter 17 inches, Weight Each 140 Lbs. ... 12.00

With Basket Grate.

Each
No. 010—Diameter 14 inches, Weight Each 115 Lbs. ... \$9.75
No. 020—Diameter 17 inches, Weight Each 140 Lbs. ... 13.00

The entire top of Black Jack Tank Heaters lifts off, allowing easy removal of the ashes. The air chamber is a part of the body casting and therefore just as durable as any other part of the heater.

WESTERN



Burns Kerosene, Self-Sinker.

The Burner sets about 3 inches below top edge of the base and is fed by the feed pipe on side of heater which is governed by a dropper.

The large pipe on outside of heater is for supplying air to the burner.

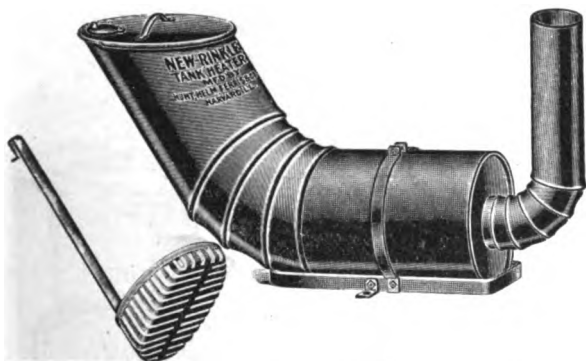
Each
No. 30W—30 inches High, Diameter of Top 10 inches, Base 14 1/2 x 19 inches, Gray Iron Base, Cold Rolled Steel Jacket Cast in and Made a Part of Base thus Overcoming Any Possible Chance for Leakage, Complete with Burner, Tank and Valve, Weight Each About 150 Lbs. \$30.00

With this Heater there is no sparks to contend with, no ashes to take up, no fire to kindle, no wood or coal to carry. Simply turn the oil on, light it and leave it. This burner is amply large to heat an ordinary size water tank during zero weather at a cost of about one-half cent per hour. Any child can operate it.

This Heater can also be used for heating hog and poultry houses, garages and other out-buildings.

TANK HEATERS

NEW RINKLE



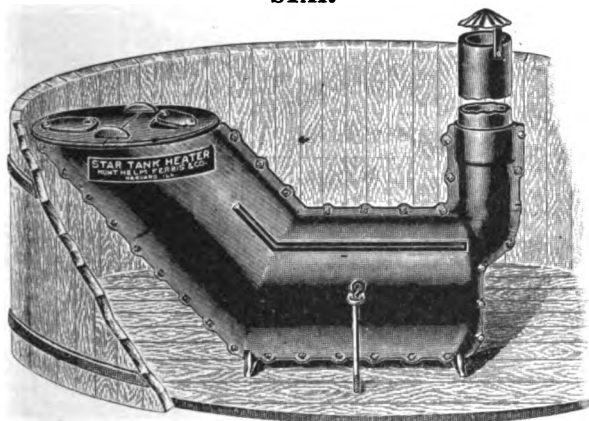
Body is of 14 Gauge Boiler Iron, All Except the End or Head Being in One Piece.

Each

No. 691—24 inches High, Complete with Grate as Shown, Two Lengths of One-Piece Smoke Pipe, Shovel, Etc., Weight Each 95 Lbs. \$18.00

This is a submerged heater and can be used with wood, iron or cement tanks. Built by a special crimping machine and is absolutely leak proof. The end of heater is made with a flange or rim welded to the inner surface of the body, this makes the heater into one solid piece without seams. The grate shown in illustration hangs in the heater, and is easily lifted out. The cover is made with a rim which holds it in place and a handle and draft slide are riveted to the cover.

STAR



All Cast Iron.

Each

No. 242—24 inches High, Weight Each 240 Lbs. \$28.00

This Heater can be set in any tank and moved about at will. Fire is entirely under water. Will burn any kind of fuel, hard or soft coal, wood, chips, or cobs. Ashes can be taken up at any time without disturbing the fire.

BEE SMOKERS

CORNEIL



Each

No. 276—Standard, Improved, Heavy Sheet Steel Stove, 3 1/4 inch Diameter, Stamped Sheet Steel Legs, Metal Bound Bellows, Protecting the Leather Edges from Wear, Wire Handle to Cone, with Heavy Hinged Nozzle \$1.50
Twelve in a Box.

NELSON



20 Gauge Galvanized Steel and Cast Iron.

Each

No. 200—Galvanized Steel Heat Chest and Fuel Box, Each 30 inches Long, 12 inches Wide, 8 inches High, Jointed Together at an Angle of 45 Degrees with Cast Iron Flanges, Cast Iron Smoke Pipe Reaching Above Water Line, Complete with Grate and Scraper, Weight Each 95 Lbs. \$16.00

All joints are packed with heavy asbestos, which will not burn out. This, combined with its rigid construction, through the use of cast iron flanges, makes the Nelson unbreakable.

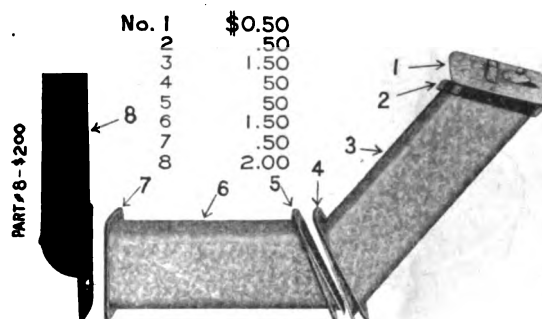
The Nelson will burn trash, rubbish, straw, cobs, wood and coal. For coal a basket grate is provided, but for other fuels no grate is needed. Will burn wood 30 inches long.

In wood tanks the Nelson is fastened to the bottom with a cross-bar and lag screws. In metal or concrete tanks it should be fastened to a plank or two 2x4's and weighted down. Never place any rocks on top of heater as they will greatly interfere with the heating surface and will damage the heater.

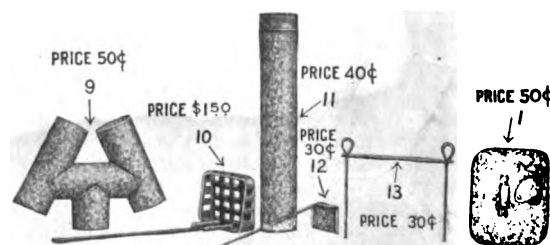
Will heat the ice off your tank whether it is 6 feet or 16 feet in diameter. It will heat the water with less fuel and attention than any other heater, and will keep the water at the right temperature.

The Nelson is built in sections, the cost of maintenance is less than in case of heaters built in one piece or unit.

EXTRA PARTS FOR NELSON TANK HEATERS



NO. 6 CAN BE SUPPLIED WITH OR WITHOUT 5 AND 7 AND NO. 3 WITH OR WITHOUT 2 AND 4. UNLESS OTHERWISE ORDERED THEY ARE SHIPPED COMPLETE.



FEED COOKERS



Heavy Cold Rolled Steel Jacket, Heavy Cast Iron Kettle, Smooth Finish, Wrought Iron Handles, Riveted, to be Used on Earth or Brick Foundations.

Nos.	30	40	55
Capacity, Gallons	30	40	55
Diam. Top, Outside Flange, In.	30	34	36
Weight Each, Lbs.	175	200	250
Each	\$14.00	17.00	19.00

Nos.	65	75
Capacity, Gallons	65	75
Diam. Top, Outside Flange, In.	38 1/2	41
Weight Each, Lbs.	275	300
Each	\$21.00	25.00

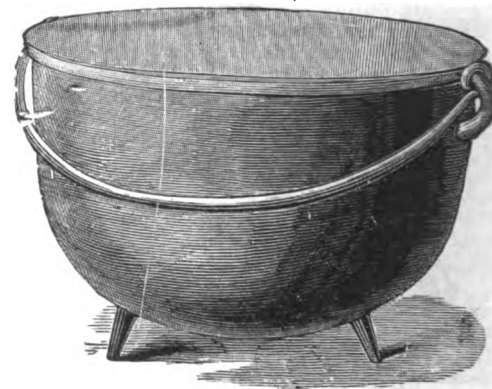
CALDRON KETTLES



Cast Iron.

Nos.	30K	40K	55K
Capacity, Gallons	30	40	55
Diameter Inside of Flange, In.	27	29	32
Depth Inside, Inches	16	18 1/2	21
Weight Each, Lbs.	85	112	140
Each	\$7.00	9.00	10.50

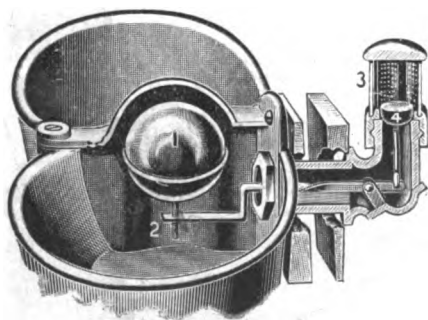
Nos.	65K	75K
Capacity, Gallons	65	75
Diameter Inside of Flange, In.	34	36
Depth Inside, Inches	21	22
Weight Each, Lbs.	150	200
Each	\$12.50	14.00



SUGAR KETTLES

Cast Iron, Painted, with Bail.

Nos.	3	4	5	6	7
Actual Capacity, Gallons	15	18 1/4	21 1/2	25 1/2	29 1/2
Usual Rating, Gallons	18	20	25	30	35
Inside Diameter, Inches	20 1/4	22	23	25	26
Inside Depth, Inches	13 1/2	13 3/4	14 3/4	15 1/2	16
Weight Each, Lbs.	38	49	59	67	80
With Feet	Each, \$3.80	4.50	5.00	6.00	7.00
Without Feet	Each, 3.80	4.50	5.00	6.00	7.00

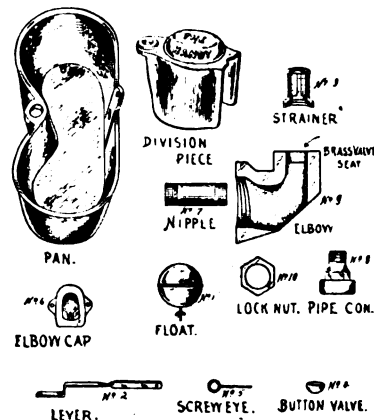
STOCK WATERERS
HANDY AUTOMATIC

Cut Shows Interior View.

This Fountain or Waterer Works Equally Well Attached to a Tank, Barrel or Pipe. It has a Brass Valve Seat, is Easily Adjusted and Repaired without Removing the Tank or Barrel.

No. 14H—Cast Iron, Japanned, Weight Complete	Per Dozen
14 Lbs.	\$28.00

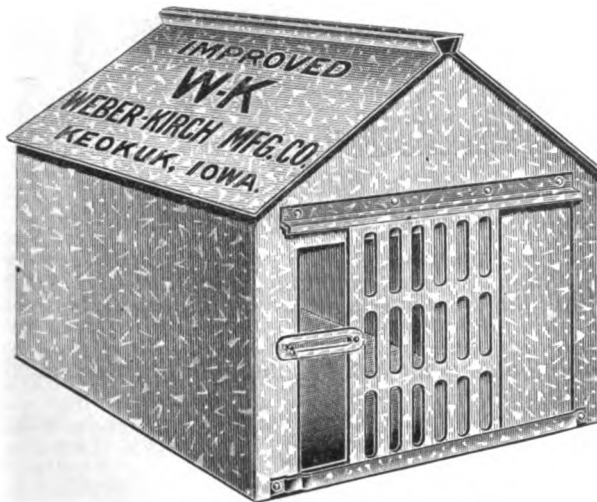
This Waterer is so constructed as to allow the amount of water in the pan to be easily regulated by simply screwing the brass ball float (No. 1) up or down until the desired amount of water is obtained. The flow of the water can also be controlled at the valve, by screwing the soft rubber button (No. 4) up or down, this allows for any adjustment which may be necessary through wear. These adjustments can be made without taking the fountain apart or off the tank or barrel.

REPAIRS FOR STOCK WATERERS
HANDY AUTOMATIC

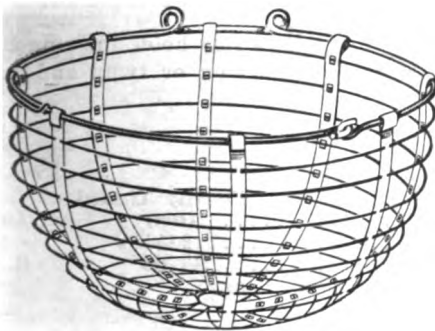
Pan	Each
Division Piece	\$0.80
No. 1—Brass Ball Float	.24
No. 2—Valve Lever	.12
No. 5—Valve Screw Eye	.06
No. 3—Strainer	.06
No. 4—Rubber Button Valve	.06
No. 6—Elbow Cap	.08
No. 7—Pipe Nipple	.20
No. 8—Pipe Connections	.20
No. 9—Elbow	.24
No. 10—Lock Nut	.08
Rubber Gaskets for Elbows	.06
Wooden Wedges	Per Set \$0.10
Leather Washers	.06

CHICKEN COOPS

W-K IMPROVED



HENS' NESTS



For sanitarily providing the sitting hens with nests that are free from vermin and readily changed.

Patent Lock-Rib Construction, Lacquered with Rust Proof Lacquer.

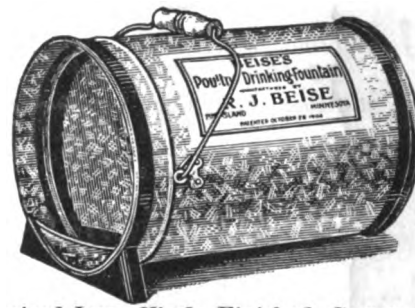
No. 15—14 inches Diameter, 7 inches Deep, No. 17 Coppered Wire Mesh, 8 Coppered Flat Steel Ribs, No. 10 Coppered Wire Top Rim\$1.90

Weight Per Dozen 9½ Pounds.

Six Dozen in a Crate.

POULTRY DRINKING FOUNTAINS

BEISE'S



Heavy Galvanized Iron, Nicely Finished, Convex Front, Heavy Wire Bail with Wood Grip.

Nos.	¾	2	3	4
Capacity, Quarts	3	8	12	16
Weight Per Dozen, Lbs.	35	50	50	50
Per Dozen	\$5.70	8.80	10.60	12.00

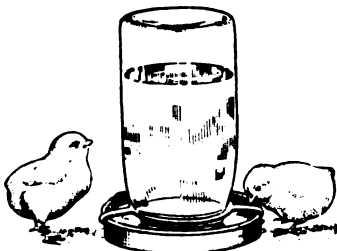
No. 2 is large enough for 50, No. 3 for 75, and No. 4 for 100 hens.

Fills like a pail and does not spill when laid down. The convex front prevents bursting from freezing.

One-half Dozen in a Crate.

POULTRY FOUNTAINS AND FEEDERS

N. W. AUTOMATIC.



Anti-Rust Coated Tin Pan, without Jar. Per Dozen

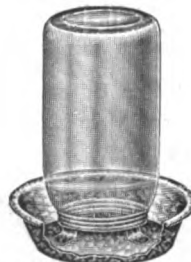
No. 5—5 inch Diameter Pan.....\$1.80
No. 6—6 inch Diameter Pan..... 2.40

Feeds water, grain, grit, etc., automatically. It is easy to fill and operate. Will fit any halfgallon, quart or pint Mason jar, (without jar).

Average Weight Per Dozen 3¼ Pounds.

One Dozen in a Carton.

ECONOMY



Seamless Galvanized Steel, without Jar. Per Dozen

No. 10—6 inch Diameter Pan,
1½ inches Deep.....\$2.70

With removable disc to prevent sloping of water. Can be used with either ½ or 1 quart fruit jar for dry feed or water.

Weight Per Dozen 3½ Pounds.

One Dozen in a Carton.

CHICKEN LEG BANDS



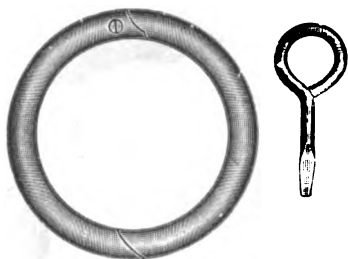
Aluminum.

No. 902—3½ inches Long, Numbered Consecutively from 1 to 100\$0.80
Adjustable to fit any fowl. They have a double clinch and cannot come off.

Weight Per Hundred 4 Ounces.

Open Stock.

BULL RINGS



Polished Steel, with Screw Driver.			
Nos.	11	12	
Diameter, Inches	2 1/2	3	
Per Dozen	\$2.00	2.75	
One Dozen in a Box.			

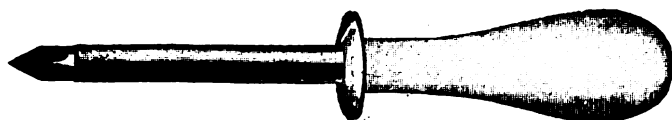
Polished Copper, with Screw Driver.			
Nos.	20	21	22
Diameter, Inches	2	2 1/2	3
Per Dozen	\$4.00	4.50	5.00
One Dozen in a Box.			

Extra Heavy 3/8 inch Polished Copper, with Screw Driver.			
Nos.	41	42	
Diameter, Inches	2 1/2	3	
Per Dozen	\$10.00	12.00	
One-quarter Dozen in a Box.			

Extra Large and Strong, 7/16 inch Pure Bronze Cannon Ball Metal.			
No. 25—3 1/2 inch Diameter		Per Dozen	
One-quarter Dozen in a Box.		\$28.00	

Light and Strong, Aluminum, with Screw Driver.			
No. 51—2 1/2 inch Diameter		Per Dozen	
One Dozen in a Box.		\$4.00	

BULL PUNCHES



Steel, Silver Plated Sheath, Black Enameled Wood Handle.			
No. 1—8 1/2 inches Long Over All, 5 1/2 inch Punch....		Per Dozen	
Used for tapping bloat or abscess, also used to puncture for bull rings.		\$11.00	
One Dozen in a Box.			



Self-Piercing, with Screw Driver.

		Per Dozen
No. 31—2 1/2 inch Diameter, 1/4 inch Polished Copper...		\$5.00
No. 32—3 inch Diameter, 3/8 inch Polished Copper...		6.50
Each ring its own punch, thus accomplishing the work with one operation. The old style blunt ring requires two. The Self-Piercing Ring not only saves time in operation, but also greatly lessens the danger to the operator, pain to the animal.		
One Dozen in a Box.		

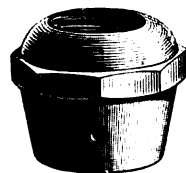


Giant Swivel, Malleable Iron, Heavily Tinned.			
Nos.	1053	1054	
Diameter, Inches	2 1/2	3	
Per Dozen	\$5.00	6.00	
One Dozen in a Box.			

Will wear and last longer where ring comes in contact with cement floors, tanks and troughs than rings made of copper and soft metals.

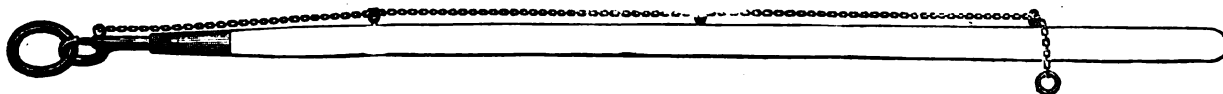
The swivel ring holds the ring and chain for leading or tying and prevents tangles.

OX BALLS



Octagon, Cast Brass.			
Nos.	11	13	
Diameter, Inches	1 1/2	2 1/2	
Height, Inches	3/4	1 1/2	
Diam. of Hole, at Top, In..	1/2	1 1/4	
Per Dozen	\$1.00	1.20	
One-sixth Gross in a Box.			

BULL SNAPS



		Per Dozen
No. 300—7 1/2 inches Long, Malleable Iron, Tinned, Snap and Socket in One Piece, with 3 feet of Chain and 3 Screw Eyes, without Pole		\$10.00
For use in leading bulls. Used on end of any length handle, snap is worked by chain attachment, enabling animal to be secured without danger.		

Weight Per Dozen 10 Pounds.
One-quarter Dozen in a Box.

CATTLE LEADERS



Malleable Iron, Bright Finish, Brass Wire Spring.

Nos.	51	52	
Size, Inches	2 1/4 x 5	3 x 5 1/4	
Weight Per Dozen, Lbs.	3	4	
Per Dozen	\$1.60	1.75	

One Dozen in a Box.

PACIFIERS

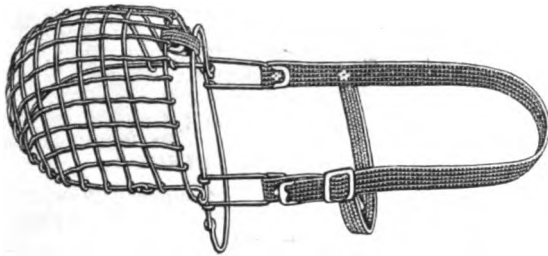
WAGNER'S BULLCHANE
Iron, Tin Plated.

		Per Dozen
No. 55—6 feet Long, 2 Swivels, Snap on One End and Ring on Other End		\$22.00
Can be used without harmful effects whatsoever. Bull can be turned out to graze and be safely approached when wanted.		
Cannot twist because it has a swivel every two feet. Snaps in nose ring and makes finest kind of hitch or leader.		



CALF WEANERS

ORIGINAL GENUINE SHAW



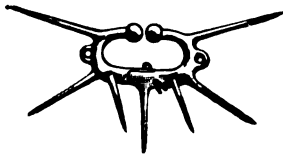
Adjustable, Heavy Tinned Wire Muzzle, Web Halter, Wire Nose Band.

- Per Dozen
- No. 1—For Calves, Weight per Dozen 9 Lbs. \$5.00
- No. 2—For Yearlings and Large Calves, Weight Per Dozen 10 Lbs. 5.60
- No. 3—For Cows, Weight Per Dozen 15 Lbs. 7.50
- The distinctive feature of this Weaner is the small flexible loop shown on cut. This limits the movements of the nose basket so as to prevent sucking and permits feeding.
- Nos. 1 and 2, One Dozen; No. 3, One-half Dozen in a Corrugated Fibre Box.

FULLER'S



Open.

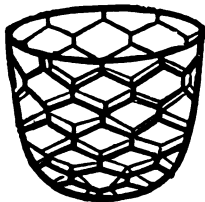


Closed.

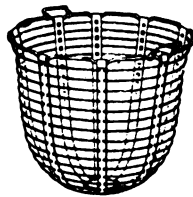
Malleable Iron, Tinned, without Bit.

- Per Dozen
- No. 10—For Calves, Weight Per Dozen 1 1/2 Lbs. \$3.20
- No. 20—For Yearlings, Weight Per Dozen 2 1/2 Lbs. 3.70
- No. 30—For Cows, Weight Per Dozen 4 Lbs. 4.90
- One Dozen in a Box.

OX MUZZLES



Nos. 1J, 2G and 7G.



Hold-Fast.

- Per Dozen
- No. 1J—16 Gauge Wire, Japanned \$0.70
- No. 2G—16 Gauge Wire, Galvanized90
- No. 7G—12 Gauge Wire, Galvanized, Extra Heavy 2.00
- Average Weight Per Dozen 8 Pounds.
- One Dozen in a Package.

- Per Dozen
- Hold-Fast "Lock-Rib"—Coppered Wire, Well Lacquered, Extra Heavy Wire Around Top, Flat Tempered Steel Wire Ribs, with Square Ears for Attaching Straps for Holding in Place, Strong and Durable \$1.80
- Weight Per Dozen 9 Pounds.
- One Dozen in a Package.

HOG TONGS OR HOLDERS

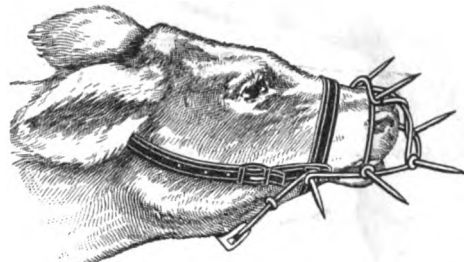
HILL'S

CHAMPION



- Per Dozen
- No. 15—Malleable Iron, Japanned, Will Hold All Sizes Pigs or Hogs \$6.50
- Weight Per Dozen 16 Pounds.
- One-half Dozen in a Box.

HOOSIER AUTOMATIC

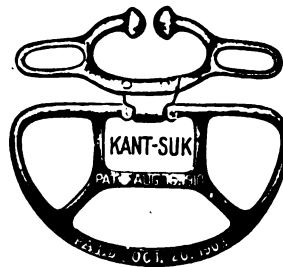


Adjustable, Galvanized Wire Prongs, Heavy Oil Filled Waterproof Leather Halter, Balanced.

- Per Dozen
- No. 1H—For Calves, Weight Per Dozen 13 Lbs. \$ 7.60
- No. 2H—For Yearlings, Colts, Etc., Weight Per Dozen 15 Lbs. 10.00
- The Hoosier Automatic Weaners are simple and effective. They will wean calves, yearlings, cows or colts without injury to themselves or other animals. Being evenly balanced, the lightest touch moves the wire points. They slightly prick but do not injure.

One Dozen in a Box.

KANT-SUK



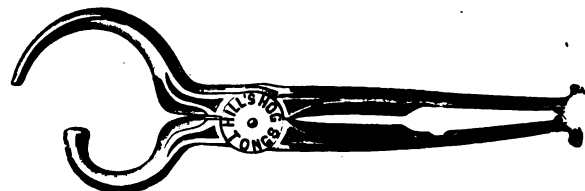
Malleable Iron, Tinned.



- Per Dozen
- No. 11—For Calves, Weight Per Dozen 3 Lbs. \$3.80
- No. 12—For Cows, Weight Per Dozen 4 1/2 Lbs. 4.50
- Easily adjusted, the guard being hung on a hinge allows calf to graze yet effectually prevents sucking.
- One in a Box.

ANIMAL CATCHERS
CHAMPION

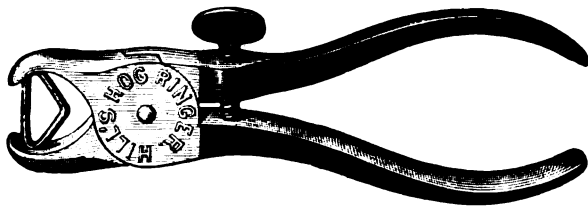
- Per Dozen
- No. 50—Malleable Iron, Japanned, without Rope and Handle \$8.00
- The annoyance, trouble and labor necessary to catch hogs by hand is overcome by the above implement, enabling one man to do with ease what oftentimes requires two.
- Weight Per Dozen 12 Pounds.
- One-half Dozen in a Box.



- Per Dozen
- No. 10H—14 inches Long, Malleable Iron, Japanned, for Any Size Hog \$4.50
- Weight Per Dozen 18 Pounds.
- One-half Dozen in a Box.

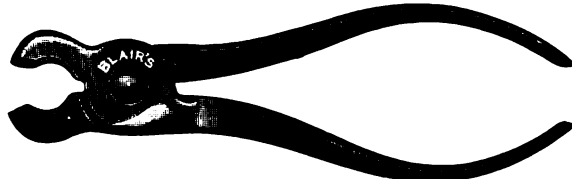
HOG RINGERS AND RINGS

HILL'S IMPROVED HOG RINGER



Per Dozen
 No. 20—7 inches Long, Grey Iron, Black Japanned...\$1.40
 No. 21—7 inches Long, Malleable Iron, Black Japanned, Red Enamelled Nose..... 1.80
 Weight Per Dozen 6 Pounds.
 One Dozen in a Box.

BLAIR'S HOG RINGER



Per Dozen
 No. 30—7 inches Long, Grey Iron, Black Japanned....\$1.50
 Weight Per Dozen 6 1/2 Pounds.
 One Dozen in a Box.

PERFECT PATTERN HOG RINGER



Per Dozen
 No. 35—7 inches Long, Malleable Iron, Black Japanned..\$2.00
 Weight Per Dozen 7 1/2 Pounds.
 One Dozen in a Box.

CHAMPION HOG RINGER



Per Dozen
 No. 40—7 inches Long, Iron, Black Japanned.....\$3.70
 Weight Per Dozen 8 Pounds.
 One Dozen in a Box.

HILL'S HOG RINGS

Coppered Wire.

Per Dozen Boxes

No. 1H—Pig Rings\$1.00
 No. 2H—Shoat Rings 1 00
 No. 3H—Hog Rings 1.00
 100 in a Box; One Dozen Boxes in a Package.



Ring Open.



Ring Open.

BLAIR'S HOG RINGS

Coppered Wire.

Per Dozen Boxes

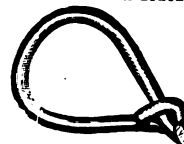
No. 7—Pig Rings\$1.10
 No. 9—Hog Rings 1.10
 100 in a Box; One Dozen Boxes in a Package.

PERFECT PATTERN HOG RINGS

Coppered Wire.

Per Dozen Boxes

No. 13—Pig Rings\$1.70
 No. 14—Hog Rings 1.70
 100 in a Box; One Dozen Boxes in a Package.

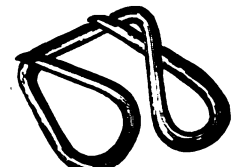


Ring Closed.

CHAMPION HOG RINGS



Ring Open.



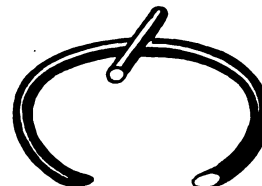
Ring Closed.

Coppered Wire.

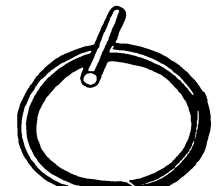
Per Dozen Boxes

No. 16—Hog Rings\$3.80
 100 in a Box; One Dozen Boxes in a Package.

AMCO HOG RINGS



Open.



Closed.

Coppered Steel Wire.

Per Dozen Boxes

No. 1A—Pig Rings, Weight Per Dozen Boxes 4 Lbs.....\$1.40
 No. 3A—Hog Rings, Weight Per Dozen Boxes 4 Lbs..... 1.40
 Amco Rings are made to prevent rooting. One ring will do the work. Can be used in Hill's or Blair's Ringers.
 50 in a Box; One Dozen Boxes in a Package.

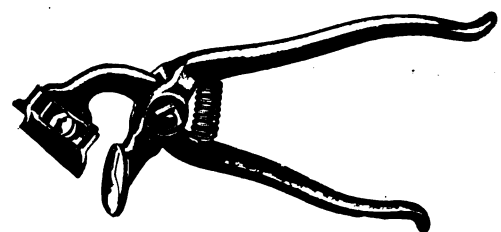
HOG TAMERS AND MARKERS

DR. MILLER'S NEVER ROOT



Per Dozen
 No. 2—10 3/4 inches Long, Unbreakable Iron, Japanned, with One Large and One Small Cutter.....\$4.50
 Extra Marking Blades—Assorted, Round, Square and Triangular, Put up One Dozen in a Box..... 4.50
 One of the best devices of the kind on the market. It cuts out only a part of the rim of the nose in a circle, allowing the end to turn to each side and heal in a few days, into small knots: this effectually prevents the hogs from rooting.
 Weight Per Dozen 18 Pounds.
 One-half Dozen in a Box.

NEW IDEA ANTI-ROOTER



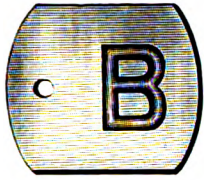
Per Dozen
 No. 5—Hog Tamer and Ear Marker Combined, Malleable Iron, Aluminum Finish, Reversible Steel Blades, Adjustable Cutters, Steel Coil Spring, with Copper or Metal Anvil or Base to Cut On.....\$12.00

This is the only Anti-Rooter gotten up on a scientific principle. It cuts the rooter or rim of the nose, leaving center of the nose or rooter uninjured.

Weight Per Dozen 16 Pounds.
 One-half Dozen in a Box.

STOCK TAGS OR MARKERS

DECKER'S



Fine Brass.

Each

- No. 1—1 Letter or Figure\$0.03
 No. 2—2 Letters or Figures or 1 of Each..... .035
 No. 3—3 Letters or Figures or Combinations..... .04
 No. 4—4 Letters or Figures or Combinations..... .045

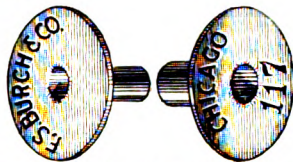
Initials or Any Combination of Letters and Figures furnished to order.

For marking animals or stock of all kinds. Attached to the ear or throttle of the animal with a hog ring.

Sent direct from factory, postage or express to be added.

*EAR BUTTONS

IDEAL



No. 600—Pure Aluminum, Hardened, Medium Size, Name and Address on Top and Number on Bottom.

- 25, Weight 3 Oz.\$ 2.30
 50, Weight 1/4 Lb. 3.50
 100, Weight 3/4 Lb. 6.50
 500, Weight 3 3/4 Lbs. 30.00
 1000, Weight 6 Lbs. 54.00
 Combined Punch and Pliers, 3/4 Lb. 2.00

Clinches tight, cannot come out; double tube gives double strength.

Note—Name and address, not exceeding 18 letters, can be put on top cap. If exceeding 18 letters part can be put on bottom cap with number. Name, address and number in no case should exceed 30 letters.

(*) Sent direct from factory, postage or express to be added.

PIG FORCEPS

DECKER'S



Per Dozen

- No. 17D—17 inches Long, Malleable Iron, Tinned.....\$11.00
 Weight Per Dozen 12 Pounds.
 One-twelfth Dozen in a Box.

HOG SCRAPERS

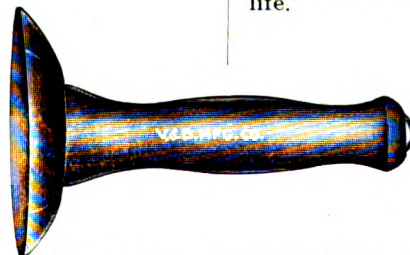


18 Gauge Natural Finish Sheet Steel Blade, Ground Edges, Black Finished Hardwood Handle.

Per Dozen

- No. 4—Diameter of Blade 4 inches, Length of Handle 5 1/2 inches, Length Over All 6 3/4 inches, Blade Secured by Bolt Through Handle\$4.30
 This Scraper is used by all large packing houses.

Weight Per Dozen 6 Pounds.
 One-half Dozen in a Box.



20 Gauge Natural Finish Sheet Steel Blade, Natural Finished Hardwood Handle.

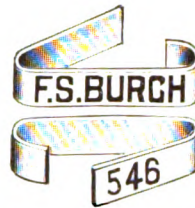
Per Dozen

- No. 8—Diameter of Blade 4 inches, Length of Handle 5 1/2 inches, Length Over All 6 1/2 inches, Blade Secured by Bolt Through Handle\$1.80
 This Scraper is designed for Farmers' use.

Weight Per Dozen 5 1/2 Pounds.
 One-half Dozen in a Box.

EAR LABELS

BURCH



No. 500—Metal. Your Name on One Side and Numbered from One Upward on Reverse Side, or Any Numbers Desired.

	Sheep & Hog Size	Cattle Size	Extra Cattle
100 with Name and Numbers.....	\$3.00	4.00	5.00
50 with Name and Numbers.....	2.00	2.50	3.00
25 with Name and Numbers.....	1.30	1.50	2.00
100 Name Only or Number Only...	2.00	3.00	3.50
50 Name Only or Number Only...	1.50	2.00	2.50
25 Name Only or Number Only...	1.00	1.20	1.60

Note—Not more than ten large size letters can be put on these labels. On cattle sizes only, name and address can be put on, if not exceeding 22 letters, but in small type.

EAR PUNCHES

OVAL

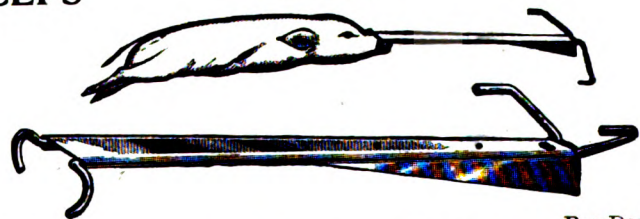


Malleable Iron.

Each

- No. 10—Extra Cattle Size, Weight Each 1 Lb.....\$2.50
 No. 20—Cattle Size, Weight Each 3/4 Lb..... 2.00
 No. 30—Sheep and Hog Size, Weight Each 3/4 Lb..... 2.00

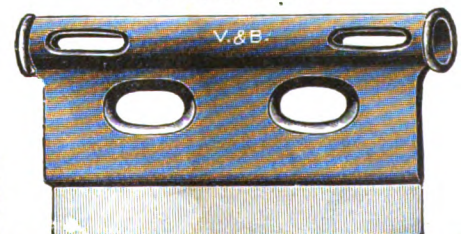
SHERMAN



Per Dozen

- No. 14S—1x14 inches, 3/8 inch Steel Rod, Handles and Tongs, Stamped Steel Body, Coppered, Nickel Plated and Polished\$18.00
 Simple and easy to operate, it assists nature and preserves life.
 Weight Per Dozen 8 Pounds.
 One-twelfth Dozen in a Box.

BUTCHERS' BLOCK SCRAPERS



Oil Tempered, Polished Solid Steel Blade, Painted Black Malleable Iron Handle. Per Dozen

- No. 26—Width of Cutting Edge 6 inches, Height Over All 3 3/4 inches, Blades Securely Riveted to Handle.....\$10.00

Weight Per Dozen 18 1/2 Pounds.
 One-half Dozen in a Box.

CATTLE STANCHIONS

LEADER CHAIN HANGING, STEEL

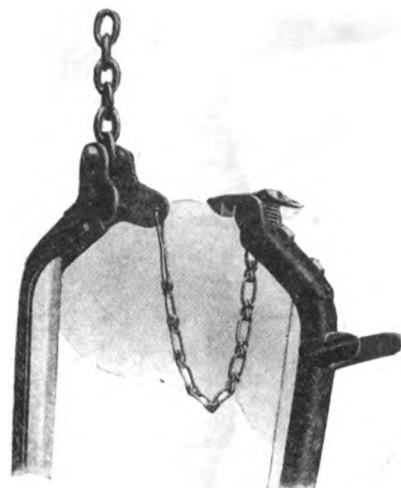
"Oval Pattern."

Made of Extra Heavy U-Bar Steel, Riveted at Top and Bottom to Malleable Iron Castings.

The channels of the steel U-Bars are turned inward and are lined with well oiled and smooth rounded hardwood strips.

A small boy can easily open the lock by a slight thumb pressure, but it is impossible for it to open accidentally. A malleable fork on drop bar engages with the upright of the stall and prevents stanchion turning when open.

The Stanchion is 45 inches high inside, which gives the animal great freedom of movement and affording the greatest possible amount of comfort.

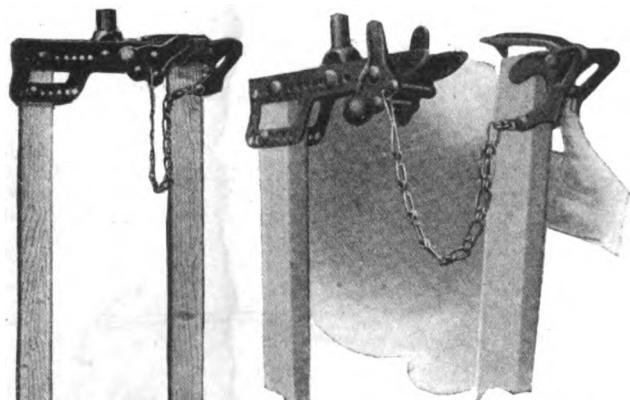


Cut Showing Patent Lock on Oval Stanchion.

No. 3—45 inches High Inside, Adjustable at Top and Bottom for 3 Different Widths Neck Space, 5 1/2, 6 1/2 and 7 1/4 inches, 6 inch Heavy Chains, All Metal Parts Durably Finished in Black Enamel, Weight Each 21 Lbs. Each **\$3.25**

LEADER ADJUSTABLE, WOOD

Cows confined in either of these Pivot or Chain Hanging Stanchions will have great freedom as the Stanchion will respond quickly to any movement, whether the animal is standing or lying down.



Pivot Stanchion No. 6 Showing Tumbler Lock.

Best Quality Hardwood Bars, 2 1/2 x 1 3/8 inches, Heavy Malleable Iron Top and Bottom Castings.

No. 6—Pivot Stanchion, 49 inches High Inside, 54 inches High from Top to Bottom, Pivots 2 1/2 inches Long, Adjustable to Either 5, 5 1/2, 6, 6 1/2, 7, 7 1/2 or 8 inch Neck Space, Weight Each 17 Lbs. Each **\$2.30**

No. 7—Chain Hanging Stanchion, 49 inches High Inside, 54 inches High from Top to Bottom, Chains 6 inches Long, Adjustable to Either 5, 5 1/2, 6, 6 1/2, 7, 7 1/2 or 8 inch Neck Space, Weight Each 17 Lbs. **2.50**

Pivot Stanchion No. 6.

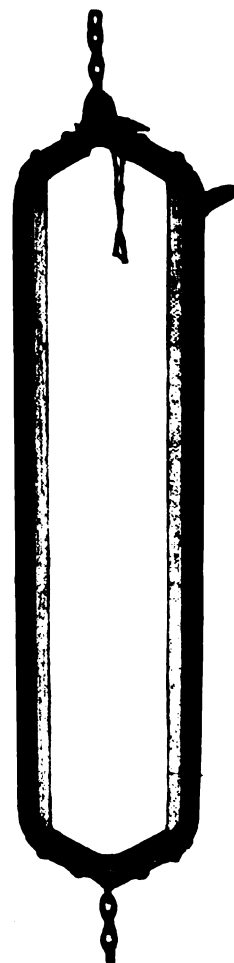
Side Bars are clean white, straight grained hardwood, edges rounded and all smoothed and oiled. The bars are very strong and will give years of service. Tops and bottoms are heavy malleable iron castings. All metal parts finished in black enamel.

STANCHION IRONS

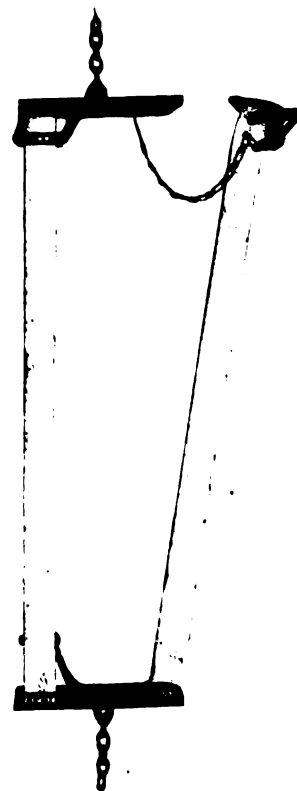


No. 1—Malleable Iron, for Fastening Cattle in Stalls Per Dozen **\$1.25**

Chain Hanging Stanchion No. 7.



Oval Stanchion. No. 3.

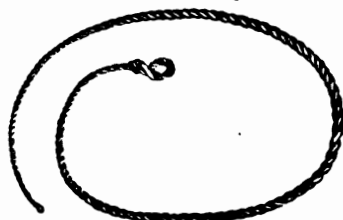


ROPE HALTER LEADS



Pure Sisal, One Snap, 3 Strands.

		Per Dozen
No. 102—	$\frac{3}{4}$ in., 7 ft. Long...	\$6.00
No. 55—	$\frac{5}{8}$ in., 7 ft. Long...	4.00
No. 502—	$\frac{1}{2}$ in., 6 $\frac{1}{2}$ ft. Long...	2.75
No. 300—	$\frac{1}{8}$ in., 6 $\frac{1}{2}$ ft. Long...	2.25



Pure Sisal, Tapered, Rope Loop, Solid End, Hand Spun, 4 Strands.

		Per Dozen
No. 2 —	$\frac{3}{4}$ in., 7 $\frac{1}{2}$ ft. Long....	\$3.00
No. 3X—	$\frac{1}{2}$ in., 7 ft. Long....	1.15



Pure Sisal, Tapered, One Snap, Solid End, Hand Spun, 4 Strands.

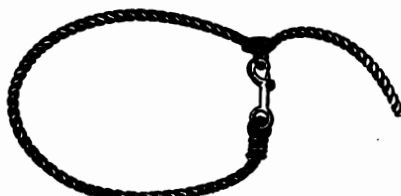
		Per Dozen
No. 2S —	$\frac{3}{4}$ in., 7 $\frac{1}{2}$ ft. Long....	\$4.00
No. 3XS—	$\frac{1}{2}$ in., 7 ft. Long....	1.65

CATTLE AND HORSE TIES



Pure Sisal, Two Snaps and Two Thimbles, 3 Strands.

		Per Dozen
No. 110—	$\frac{3}{4}$ in., 10 ft. Long...	\$10.50
No. 58—	$\frac{5}{8}$ in., 10 ft. Long...	8.00
No. 532—	$\frac{1}{2}$ in., 10 ft. Long...	6.00



Pure Sisal, One Snap and Two Japanned Rings, 3 Strands.

		Per Dozen
No. 200—	$\frac{1}{8}$ in., 8 ft. Long....	\$3.00

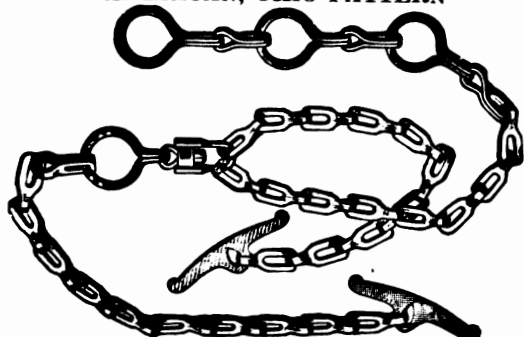


Pure Sisal, One Snap and One Thimble, 3 Strands.

		Per Dozen
No. 106—	$\frac{3}{4}$ in., 10 ft. Long...	\$9.00
No. 57—	$\frac{5}{8}$ in., 10 ft. Long...	6.50
No. 522—	$\frac{1}{2}$ in., 10 ft. Long...	4.50
No. 104—	$\frac{3}{4}$ in., 8 $\frac{1}{2}$ ft. Long...	8.00
No. 56—	$\frac{5}{8}$ in., 8 $\frac{1}{2}$ ft. Long...	5.75
No. 441—	$\frac{1}{2}$ in., 7 $\frac{1}{2}$ ft. Long...	3.75

COW TIES

AMERICAN, OHIO PATTERN



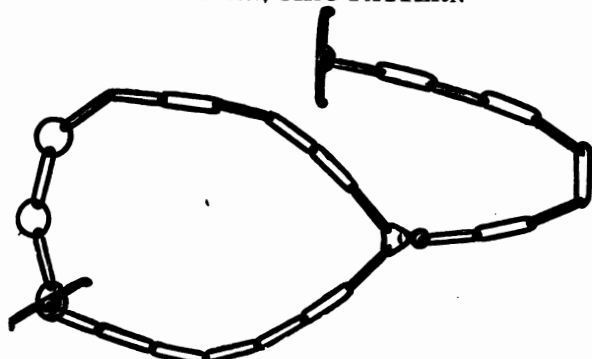
Steel, Two Toggles, with Swivel.

		Per Dozen
No. 2/0A—	5 feet, Polished, Wt. Per Dozen 13 Lbs...	\$3.25
No. 3/0A—	5 feet, Polished, Wt. Per Dozen 14 $\frac{5}{8}$ Lbs...	3.75

Open Stock.

COW TIES

GERMAN, OHIO PATTERN



Bright, Electric Welded, German Straight Link, with Swivel and Two Toggles.

		Per Dozen
No. 1/0—	4 $\frac{1}{2}$ feet, for Calf.....	\$2.50
No. 2/0—	5 feet	3.00
No. 3/0—	5 feet	3.30
No. 3/0—	5 $\frac{1}{2}$ feet	3.40
No. 4/0—	5 feet	3.60
No. 4/0—	5 $\frac{1}{2}$ feet	4.00
No. 4/0—	6 feet	4.25

Open Stock.

TENSO, OHIO PATTERN



Steel, Two Toggles, with Swivel, Rust Proof, Eonian Finish.

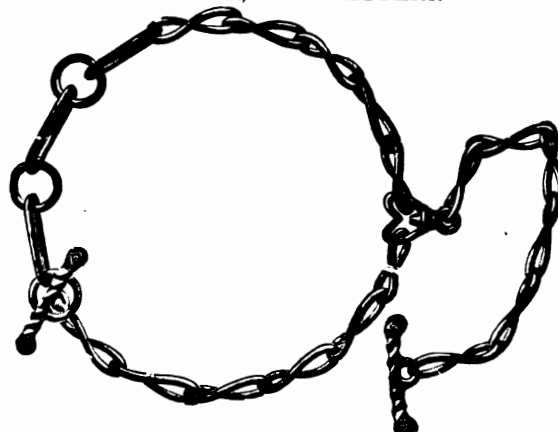
		Per Dozen
No. 00T—	5 feet, No. 10 Wire.....	\$4.50
No. 000T—	5 feet, No. 9 Wire.....	5.00

The finish is silvery white and it is absolutely rust proof under all conditions. Even service in sea water has no effect on it.

One-half Dozen in a Box.

BULL TIES

GERMAN, OHIO PATTERN



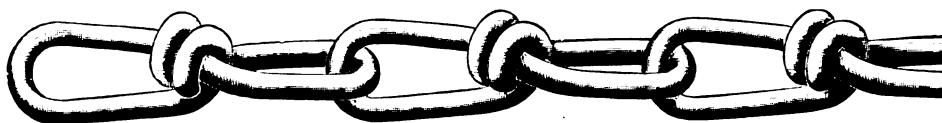
Bright, German Twisted Link, with Swivel and Two Toggles.

		Per Dozen
No. 3/0B—	5 feet	\$ 5.00
No. 7/0B—	6 feet	12.00

Open Stock. Digitized by Google

COIL CHAINS

TENSO



Per 100 Feet

Steel, Rust Proof, Eonian Finish.

No. 3-0—No. 9 Gauge.....\$5.25
One Hundred Feet in a Package.

GERMAN



No. 0.



No. 2.



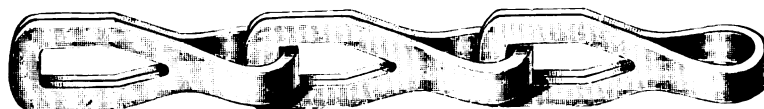
No. 5.

Twisted Link, Bright.

Nos.	3/0	2/0	0	1	2	3	4	5	6
Links, Per Foot.....	9	9	9	10	10	11	12	14	16
Proof Test, Lbs.....	1000	950	900	800	700	600	450	300	200
Breaking Strength, Lbs.....	2400	2200	2000	1800	1400	1200	900	600	400
Per 100 Feet.....	\$11.00	10.00	8.80	7.80	7.20	6.80	6.60	6.50	6.50

One Hundred Feet in a Package.

AMERICAN



No. 2A.



No. 6A.

Bright Steel, Flat Interlocking Links.

Nos.	0A	2A	4A	6A
Links, Inches.....	1 5/8 x 1 1/2	1 1/2 x 7/8	1 1/4 x 3/4	1 x 3/8
Weight Per 100 Feet, Lbs.....	12 1/4	8 1/4	6 1/4	4 1/2
Per 100 Feet.....	\$3.75	3.15	2.70	2.30

One Hundred Feet in a Package.

BREAST CHAINS

YANKEE

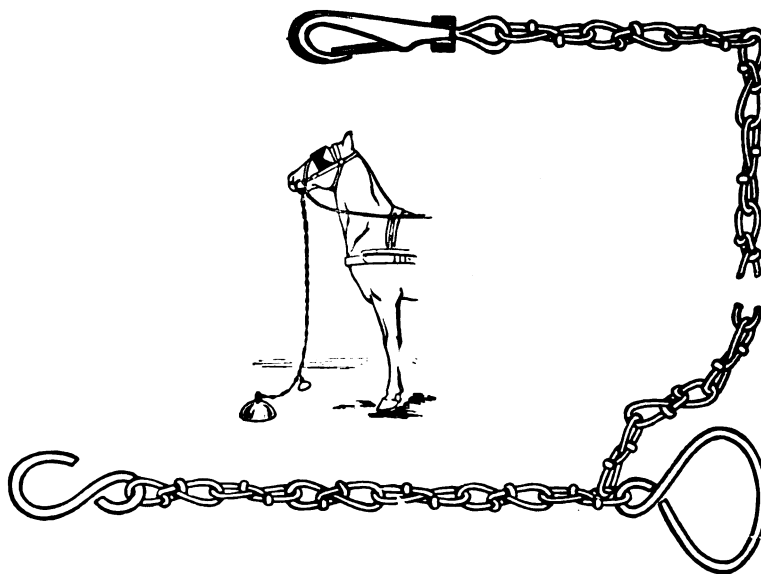


XC Plate, Hand Forged Best Charcoal Iron Links, with Two Double Snaps and Center Snap, Adjustable.

Nos.	218	220
Length, Inches	28	32
Per Dozen	\$22.00	23.00

One-sixth Dozen Pairs in a Box.

HITCHING WEIGHT CHAINS



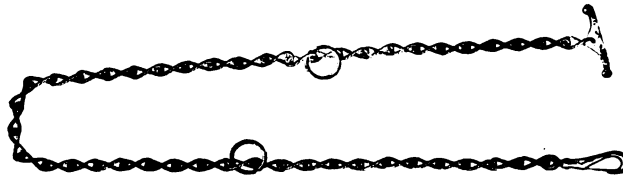
Heavy Steel Wire, Hot Galvanized, Rust Proof.

No. 7—7 feet Long, with Snap and Hook at Ends and Wire Handle for Lifting Weight.....\$6.00

One-half Dozen in a Box.

HALTER CHAINS

GERMAN



Bright, Twisted Link, with Toggle and Swivel Snap.

Length 4½ Feet.

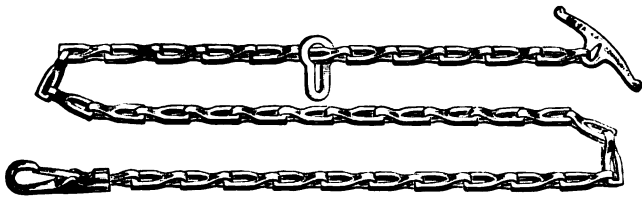
Nos.	0000	000	00	0	1	2	3	4	5	6
Per Dozen	\$9.00	7.80	6.80	5.80	5.00	4.70	4.50	4.30	4.20	4.20

Length 6 Feet.

Nos.	0000	000	00	0	1	2	3	4	5	6
Per Dozen	\$12.50	9.80	8.60	7.40	6.80	6.20	5.80	5.60	5.60	5.60

Nos. 0000 to 1, One-half Dozen; Nos. 2 to 6, One Dozen in a Package.

AMERICAN



Bright Steel, Flat Interlocking Links, with Toggle and Swivel Snap.

Length 4½ Feet.

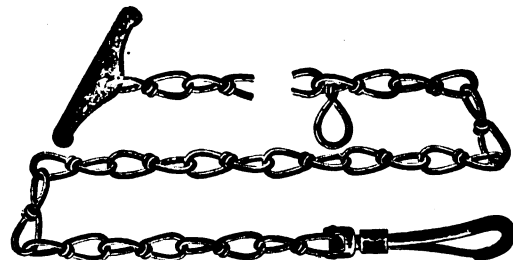
Nos.	0000	000	00	0	1	2
Per Dozen	\$4.50	3.50	3.20	2.80	2.50	2.25
Nos.		3	4	5	6	7
Per Dozen		\$2.10	2.00	1.80	1.75	1.75

Length 6 Feet.

Nos.	0000	000	00	0	1	2
Per Dozen	\$5.50	4.50	4.00	3.50	3.10	2.80
Nos.		3	4	5	6	7
Per Dozen		\$2.60	2.50	2.30	2.20	2.20

Nos. 0000 to 00, One-half Dozen; Nos. 0 to 7, One Dozen in a Package.

TENSO



Rust Proof Steel Wire, Eonian Finish, Patent Links, with Patented Adjustable Lock, Toggle and Swivel Snap.

Length 4½ Feet.

Nos.	3/0	2/0	1/0	1	2
Per Dozen	\$2.25	1.90	1.70	1.50	1.45
Nos.		3	4	5	6
Per Dozen		\$1.35	1.30	1.20	1.10

Length 6 Feet.

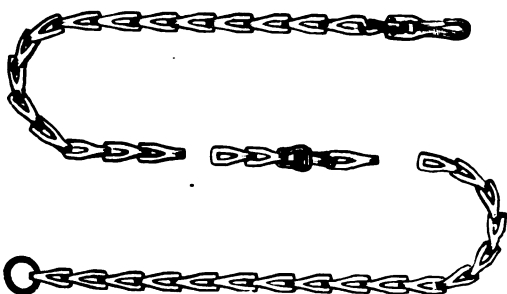
Nos.	3/0	2/0	1/0	1	2
Per Dozen	\$2.75	2.40	2.15	1.90	1.80
Nos.		3	4	5	6
Per Dozen		\$1.65	1.60	1.50	1.40

The finish is silvery white and is absolutely rust proof under all conditions. Even service in sea water has no effect on it.

Nos. 3/0 to 1/0, One-half Dozen; Nos. 1 to 6, One Dozen in a Box.

TIE OUT OR PICKET CHAINS

AMERICAN



Bright Steel, Flat Interlocking Links, with Swivel Snap on One End and 1¾ inch Ring on Other End.

No. 1-20—Length 20 feet, Swivel Every 10 feet.....	\$12.50
No. 1-30—Length 30 feet, Swivel Every 10 feet.....	17.00

One-half Dozen in a Bundle.

TENSO



Rust Proof Steel Wire, Patent Links, with Swivel Snap on One End and 1¾ inch Ring on Other End.

No. 0-20—Length 20 feet, Swivel Every 10 feet, Weight Per Dozen 37 Lbs.....	\$ 8.50
No. 0-30—Length 30 feet, Swivel Every 10 feet, Weight Per Dozen 51 Lbs.....	12.50

The finish is silvery white and is absolutely rust proof under all conditions.

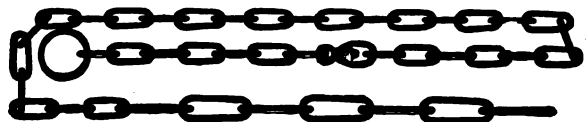
One-twelfth Dozen in a Box.

WELL CHAINS



No. 30A—30 inches Long, 6 Links to the Foot, with Hook and Ring Per Dozen \$1.80
 No. 30B—30 inches Long, 6 Links to the Foot, with Hook, Ring and Swivel..... 2.25

TRACE CHAINS



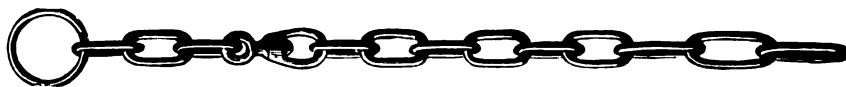
Straight Link.

No. 7-6½-10-2—6½ feet Long, 10 Links to the Foot No. 2 or ¼ inch Wire, with Ring and Swivel..... Per Pair \$0.90
 No. 8-6½-10-2—6½ feet Long, 10 Links to the Foot, No. 2 or ¼ inch Wire, with Hook and Swivel..... 1.00

Twisted Link.

No. 9-6½-10-2—6½ feet Long, 10 Links to the Foot, No. 2 or ¼ inch Wire, with Ring and Swivel..... Per Pair \$1.00
 No. 10-6½-10-2—6½ feet Long, 10 Links to the Foot, No. 2 or ¼ inch Wire, with Hook and Swivel..... 1.20 Bulk.

BUTT CHAINS



Straight Link, Bright, with Ring and Swivel.

No. 30—30 inches Long, 10 Links to the Foot, No. 2 or ¼ inch Wire, Weight Per Pair 3 Lbs..... Per Pair \$0.90

HEEL CHAINS



Barton's Detachable.

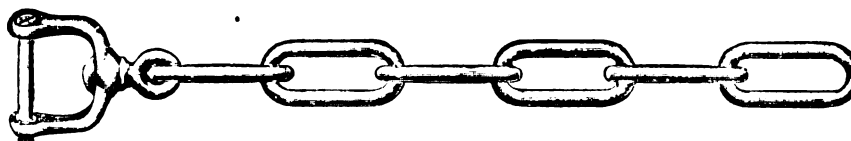
No. 404—Four ⅞ inch Links, Two Leaf Spring Lock Snap Per Dozen Pairs \$5.00
 Open Stock.

HEEL CHAINS

Straight Links, Bright.



No. 88—R. D. W., Length 30 inches, 9 Links, ⅞ inch Wire, with Swivel Per Pair \$0.50
 Open Stock.



Straight Links, Bright.

No. 45—Length 18 inches, 8 Links, No. 0 or ⅞ inch Wire, 2 inch Swivel D with Roller..... Per Pair \$0.60
 Open Stock.



Straight Links, Bright.

No. 66—Length 20 inches, 8 Links, No. 0 or ⅞ inch Wire, with Swivel and Snake Hook..... Per Pair \$0.60
 Open Stock.



Straight Links, Bright.

No. 50A—Length 10 inches, 4 Links, No. 0 or ⅞ inch Wire, without D Per Pair \$0.20
 No. 50B—Length 12½ inches, 5 Links, No. 0 or ⅞ inch Wire, without D22
 No. 50C—Length 15 inches, 6 Links, No. 0 or ⅞ inch Wire, without D26
 Open Stock.

CABLE CHAIN



Straight Link, Self-Colored.

Size, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Approx. Links Per Foot	13 $\frac{1}{2}$	12 $\frac{1}{2}$	11	10	9	8	7 $\frac{1}{2}$	6 $\frac{1}{2}$	6
Proof Test, Lbs.	1,000	1,500	2,600	3,600	4,500	6,500	8,000	9,500	13,500
Approx. Breaking Strength, Lbs.	2,000	3,300	5,200	7,200	10,000	13,000	16,000	20,000	28,000
Weight Per 100 Feet, Lbs.	46	75	110	155	200	260	325	400	590
Per Pound	\$0.24	.16	.15	.14	.13	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.12	.11

"BBB" CRANE CHAIN

Straight Link, Self-Colored, Tested.

Size, Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
Approx. Links Per Foot	14	12 $\frac{1}{2}$	11 $\frac{1}{2}$
Proof Test, Lbs.	1,750	3,400	4,500
Approx. Breaking Strength, Lbs.	4,500	7,000	9,000
Weight Per 100 Feet, Lbs.	83	118	166
Per Pound	\$0.21	.20	.19

STEEL LOADING CHAIN

Straight Link, Self-Colored.

Per Pound

$\frac{1}{4}$ Inch, Actual Measurement $\frac{3}{4}$ inch, Average Weight Per 100 Feet 100 Lbs.	\$0.30
$\frac{5}{16}$ Inch, Actual Measurement $\frac{11}{16}$ inch, Average Weight Per 100 Feet 132 Lbs.	.22

"SPECIAL CC"

Straight Link, Self-Colored, Very Best Quality, Carefully Welded and Tested.

Per Pound

$\frac{1}{4}$ Inch, Actual Measurement $\frac{3}{8}$ inch, Average Weight Per 100 Feet 100 Lbs.	\$0.36
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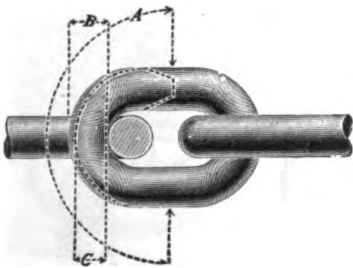
TRIDENT STEEL LOADING CHAIN

Extra Long Lapped, Self-Locking, Swelled Welds, Bright Finish, with Trident Brand Every Few Feet.

Size, Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
Links Per Foot	16	15	14
Approx. Proof Test, Lbs.	2,500	2,800	3,600
Approx. Weight Per 100 Feet, Lbs.	90	105	125
Per Pound	\$0.40	.34	.32

This Chain calipers $\frac{1}{8}$ larger than sizes given.

The welds are made by hand and about one-third as long as the link. "A" shows the extra long lap of the Trident Weld, which locks itself when overstrained. "B" shows the added strength obtained by the swell of the Special Trident Weld as compared with ordinary welds shown by "C."



MACHINE CHAIN

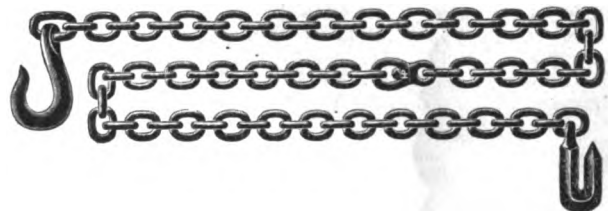
GERMAN PATTERN



Twisted Electric Welded, Case Hardened.

Nos.	1	0	2/0	3/0	4/0
Gauge (Decimal)	.163	.176	.186	.198	.212
Links Per Foot	17	17	17	15	15
Per 100 Feet	\$19.00	19.50	20.50	22.00	23.50
In Bulk.					

LOG OR BINDING CHAINS

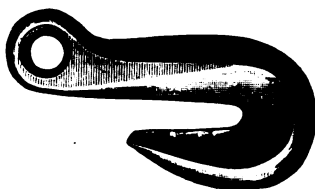


Short Link, Self-Colored, Wrought Iron Swivel, One Round and One Grab Hook.

Nos.	1	5	8
Diameter, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
Length, Feet	12, 15, 18	12, 15, 18	12, 15, 18
Weight Each, Lbs.	8 $\frac{1}{2}$, 10, 11 $\frac{1}{2}$	14, 17, 19 $\frac{1}{2}$	21, 25, 28
Per Pound	\$0.17	.15	.14

CHAIN HOOKS

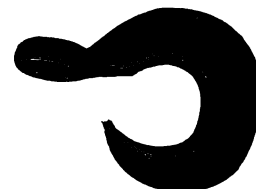
GRAB



Wrought Iron.

Nos.	1G	2G	3G	4G	5G	6G	7G
For Chain, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Each	\$0.13	.16	.22	.28	.38	.84	1.10
Open Stock.							

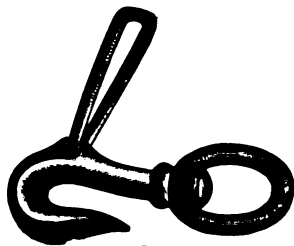
ROUND



Wrought Iron.

Nos.	1R	2R	3R	4R	5R	6R	7R
For Chain, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Each	\$0.13	.16	.22	.28	.38	.84	1.10
Open Stock.							

GRAB HOOKS



Wrought Steel.

No. 0201— $\frac{7}{8}$ inch Evener Swivel Grab Hook, $\frac{5}{8}$ inch
Ring, $\frac{3}{8}$ x 4 inch Hand Ring.....\$16.00

Per Dozen

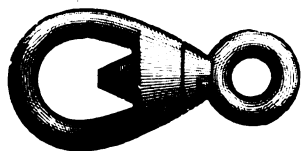
LARIAT SWIVELS



Malleable Iron.

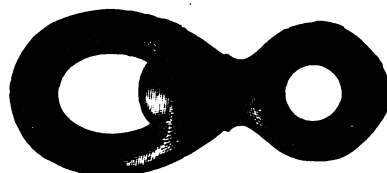
Nos.	7720B	7720C
Length, Inches	3	3 $\frac{1}{8}$
Eye, Inches	$\frac{5}{8}$	$\frac{3}{4}$
Per Pound .....	\$.....	....

CHAIN SWIVELS



Malleable Iron, Light Pattern.

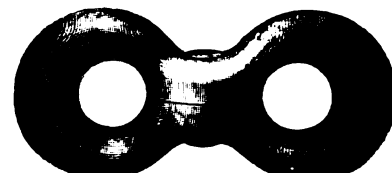
Nos.	7710B	7710C	7710D
Length, Inches...	2 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{7}{8}$
Eye, Inches.....	$\frac{1}{8}$	$\frac{5}{16}$	$\frac{3}{8}$
Size of Wire, In..	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$
Per Pound .....	\$.....	....	....



Malleable Iron, Heavy Pattern.

Nos.	7715C	7715D
Length, Inches.....	4 $\frac{1}{4}$	4 $\frac{3}{4}$
Eye, Inches	$\frac{1}{2}$	$\frac{5}{8}$
Size of Wire, Inches..	$\frac{3}{8}$	$\frac{1}{2}$
Per Pound .....	\$.....	....

REPAIR LINKS

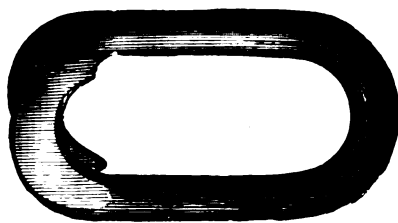


Malleable Iron, Polished.

Nos.	7650B	7650C	7650D
Size, Inches.....	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{7}{8}$
Per Dozen	\$0.70	.80	1.50

REPAIR LINKS

WROUGHT

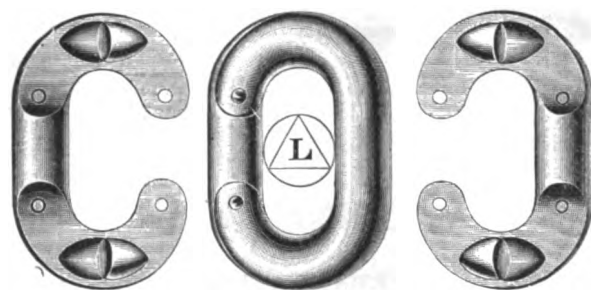


Bright.

Nos.	0	1	2	3
Size, Inches	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{8}$
Inside Length, Inches...	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{8}$
Per Gross	\$1.20	1.50	2.25	3.25

One-half Gross in a Box.

MISSING LINK

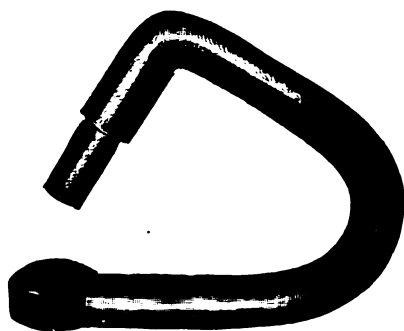


Drop Forged Steel, Interlocking Lug.

Nos.	516	616	716
Size, Inches	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Per Dozen	\$1.10	1.40	1.70

One Dozen in a Box.

COLD SHUTS



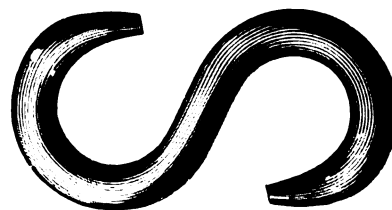
Wrought, D Pattern.

Nos.	5	10	20	30
For Chain, Inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{8}$
Per 100	\$4.50	3.60	4.30	5.00

Nos.	40	50	60
For Chain, Inches.....	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Per 100	\$6.50	9.00	14.50

Open Stock.

S HOOKS



Wrought Steel, Self-Colored, Pointed.

Nos.	70A	70B	70C	70D	70E	70F
Inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3
Per Gross	\$6.00	6.75	7.25	8.50	9.50	11.50

Wrought Steel, Galvanized, Pointed.

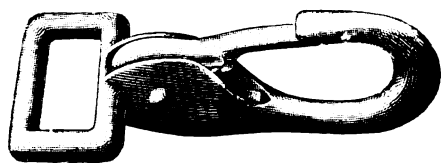
No. 72A—1 $\frac{3}{4}$ inch	Per Gross	\$ 9.25
No. 72B—2 $\frac{1}{2}$ inch	Per Gross	14.00

One-quarter Gross in a Box.

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HARNESS SNAPS

CRESCENT

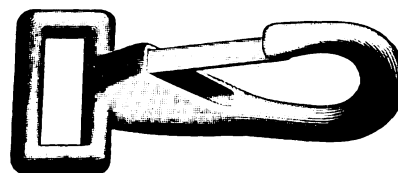


XC Plate, Flat Steel Spring.

Nos.	420C	420D	420E	420F
Eye, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per Gross	\$6.00	6.00	6.00	8.25
Nos.	420G	420J	420L	420N
Eye, Inches	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per Gross	\$9.50	10.50	12.00	14.00

$\frac{3}{4}$ to 1 inch, One-half Gross; Larger Sizes, One-quarter Gross in a Box.

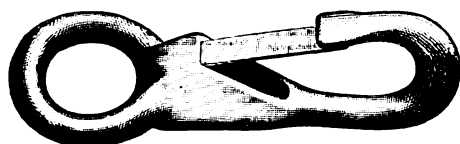
CLEVELAND



XC Plate, Aluminum Flat Steel Spring.

Nos.	290C	290D	290E	290F
Eye, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per Gross	\$3.36	3.36	3.36	4.78
Nos.	290G	290J	290L	290N
Eye, Inches	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per Gross	\$5.76	6.40	7.06	8.00

CLEVELAND, ROUND EYE



XC Plate, Flat Steel Spring.

No.	422C
Eye, Inches	$\frac{3}{4}$
Per Gross	\$3.60

One-half Gross in a Box.

ROUND EYE BOLT

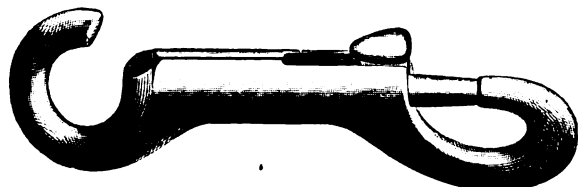


XC Plate, Round Eye.

No.	436C
Eye, Inches	$\frac{3}{4}$
Per Gross	\$5.20

One-half Gross in a Box.

DIXIE OPEN EYE BOLT



XC Plate, for Use on Trace.

No.	451A
Eye, Inches	$\frac{1}{2}$
Length Over All, Inches.....	$3\frac{3}{4}$
Per Gross	\$9.40

One-half Gross in a Box.

BIT SNAPS

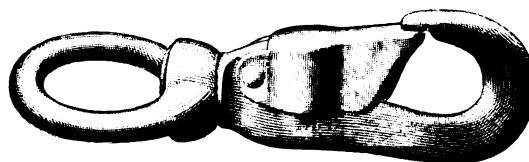


XC Plate, Aluminum Steel Spring.

No.	421B
Size, Inches	$\frac{5}{8}$
Per Gross	\$4.00

One-half Gross in a Box.

SWIVEL, ROUND EYE

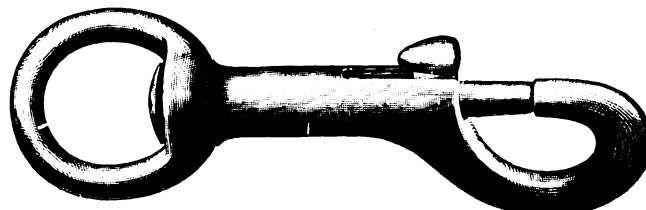


XC Plate, Swivel, Round Eye.

Nos.	289C	289E
Eye, Inches	$\frac{3}{4}$	1
Per Gross	\$7.30	12.50

One-half Gross in a Box.

SWIVEL BOLT

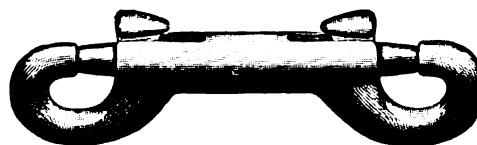


XC Plate, Round Swivel Eye.

No.	423C
Eye, Inches	$\frac{3}{4}$
Per Gross	\$9.00

One-half Gross in a Box.

DOUBLE END BOLT

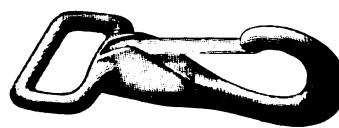


XC Plate, Light Pattern.

No.	432AAA
Eye Opening, Inches.....	$\frac{1}{4}$
Length Over All, Inches.....	3
Per Gross	\$9.00

One-half Gross in a Box.

BAG SNAPS



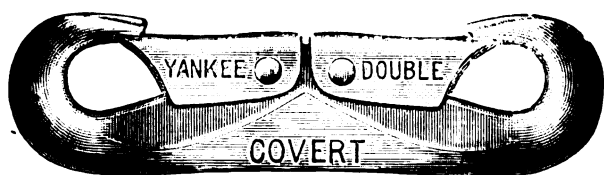
XC Plate, Aluminum Steel Spring.

No.	419A
Eye, Inches	$\frac{1}{2}$
Per Gross	\$3.00

One Gross in a Box.

DOUBLE SNAPS

YANKEE



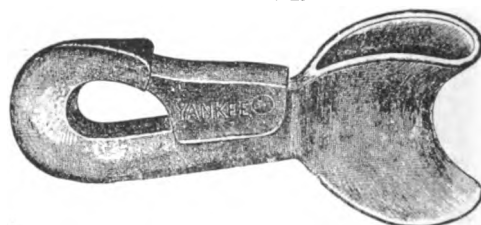
XC Plate, Heavy, Brass Lever Springs.

No. 855—5 1/4 inches Long Over All, for Use on End of Breast Chains \$17.50
 One-half Gross in a Box.

Per Gross

BREAST CHAIN SNAPS

YANKEE



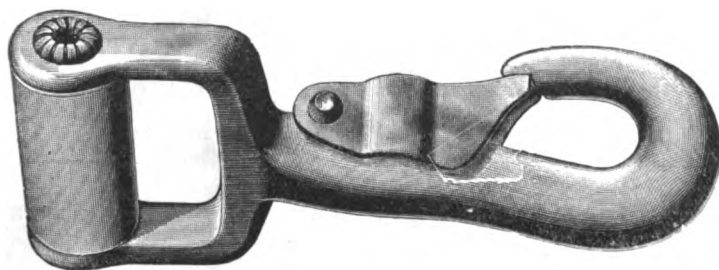
XC Plate, Heavy, Brass Lever Spring, Pressed Steel Tongue

No. 850—For Center of Breast Chain \$4.00
 One Dozen in a Box.

Per Dozen

BREAST STRAP SNAPS

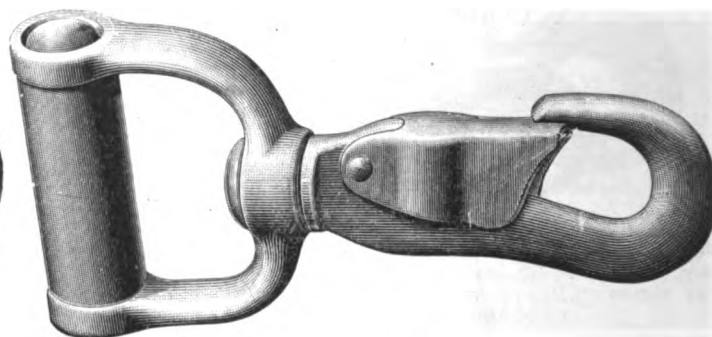
ROLLER



XC Plate, Lever Pattern.

Nos. 439J
 Size, Inches 1 1/2
 Per Dozen \$2.00
 One Dozen in a Box.

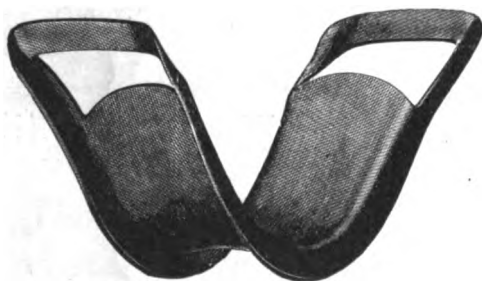
439L
 1 3/4
 2.16



XC Plate, with Swivel.

Nos. 409J
 Size, Inches 1 1/2
 Per Dozen \$2.60
 One Dozen in a Box.

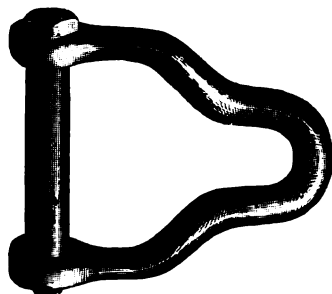
409L
 1 3/4
 2.80

BREAST STRAP SLIDES

Steel, Japanned.

Nos. 400J
 Size, Inches 1 1/2
 Per Dozen \$0.60
 One Dozen in a Box.

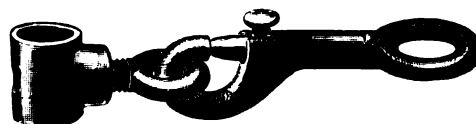
400L
 1 3/4
 .80

CONCORD TRACE DEES

Japanned, with Bolt and Roller.

Nos. 488L 488N
 Size, Inches 1 3/4 2
 Per Dozen \$1.36 1.52
 One Dozen in a Box.

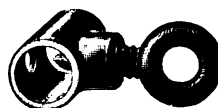
488O
 2 1/4
 1.70

CATTLE TIE IRONS

XC Plate.

Nos. 367
 Thimble, Inches 1/2
 Snap, Inches 3/4
 Per Gross \$11.00
 Three Dozen in a Box.

368
 5/8
 12.50

ROPE THIMBLES

XC Plate.

Nos. 368A 364B 364C
 Size, Inches 1/2 5/8 3/4
 Wt. Per Gross, Lbs. 12 14 16
 Per Gross \$5.75 6.75 9.00
 Three Dozen in a Box.

ROPE FASTENERS

Malleable Iron, Japanned.

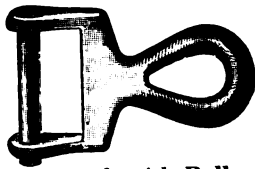
Nos. 469B
 For Rope, Inches 5/8
 Per Dozen \$0.43

469C
 3/4
 .53

Three Dozen in a Box.

COCKEYES

SCREW

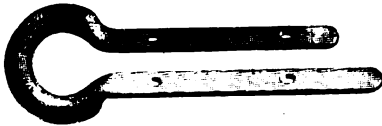


Japanned, with Roller.

Nos.	465G	465J	465L	465N
Size, Inches	1 1/4	1 1/2	1 3/4	2
Per Dozen	\$0.80	.90	1.00	1.30

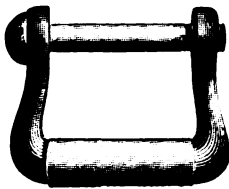
Two Dozen in a Box.

HAME CLIPS



No. 982—3/8 inch, Wrought Iron, Polished, for Wood	Per Dozen
Hame	\$0.60
Two Dozen in a Box.	

HAME LOOPS



With Screw.

No. 978—1 inch Strap, Polished.....	Per Gross
One-half Gross in a Box.	\$6.50

HAME RIVETS



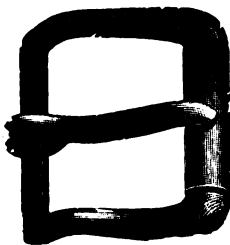
No. 966—7/8 inch, No. 7 Wire, Polished.....	Per Pound
	\$0.26

HAME WASHERS



No. 972—1/2 inch, for Hame Staples, Polished.....	Per Pound
No. 974—1/4 inch, for Breast Rings, Polished.....	\$0.80
One-quarter Pound in a Box.	

BARREL ROLLER



Superior Quality, Malleable Iron.

Nos.	50B	50C	50D	50E
Size, Inches	3/4	3/4	7/8	1
Japanned	Per Gross, \$1.40	1.65	2.00	2.30
XC Plate	Per Gross, 1.65	2.00	2.30	2.60
Nos.	50G	50J	50L	
Size, Inches	1 1/4	1 1/2	1 3/4	
Japanned	Per Gross, \$3.20	3.80	4.80	
XC Plate	Per Gross, 3.80	4.80	5.80	
3/4 to 1 inch, One Gross; Larger Sizes, One-half Gross in a Box.				

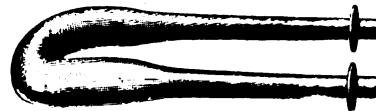
CLIP



Japanned, with Wrought Clip.

Nos.	440J	440L
Size, Inches	1 1/2	1 3/4
Per Dozen	\$1.40	1.60
One Dozen in a Box.		

HAME STAPLES



No. 960—3/8 inch, Length of Shank to Shoulder 2 inches,	Per Dozen
Width of Shank at Shoulder 1 1/4 inches, Polished	
with Washers	\$0.35
Two Dozen in a Box.	

HARNESS RINGS



Malleable Iron, Japanned.

Nos.	7C	7D	7E	7G
Inches	3/4	7/8	1	1 1/4
Wire Gauge, Nos.	7	7	7	7
Per Gross	\$0.58	.68	.86	1.14
3/4 to 1 inch, One Gross; 1 1/4 inch, One-half Gross in a Box.				

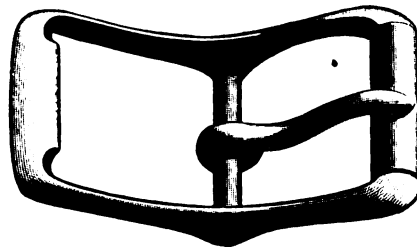
BREECHING RINGS

Malleable Iron, Japanned.

Nos.	4J	4L	3N	2P	2R
Inches	1 1/2	1 3/4	2	2 1/2	3
Wire Gauge, Nos.	4	3	3	2	2
Per Gross	\$1.45	1.55	2.20	3.40	4.10
1 1/2 and 1 3/4 inch, One-half Gross; Larger Sizes, One-quarter Gross in a Box.					

HARNESS BUCKLES

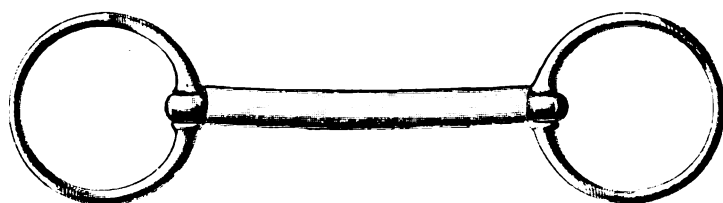
LOOP ROLLER



Malleable Iron.

Nos.	150B	150C	150D
Size, Inches	3/4	3/4	7/8
Japanned	Per Gross, \$1.90	2.50	3.25
XC Plate	Per Gross, 2.30	3.10	3.60
Nos.	150E	150G	
Size, Inches	1	1 1/4	
Japanned	Per Gross, \$3.70	5.50	
XC Plate	Per Gross, 4.50	6.50	
3/4 and 1 inch, One Gross; Larger Sizes, One-half Gross in a Box.			

BRIDLE BITS



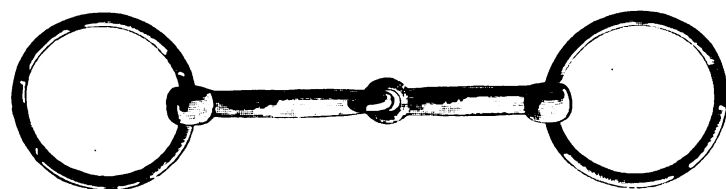
Stiff, Rubber Mouth.

No. 832—XC Plate, 2 $\frac{3}{4}$ inch Ring.....\$3.00
One-half Dozen in a Box.



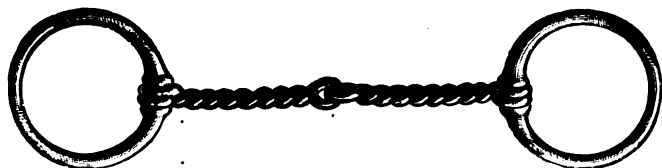
Stiff, Steel Mouth.

No. 137—Japanned, 2 $\frac{1}{2}$ inch Wrought Ring.....\$1.10
No. 147—XC Plate, 2 $\frac{3}{4}$ inch Wrought Ring..... 1.20
One-half Dozen in a Box.



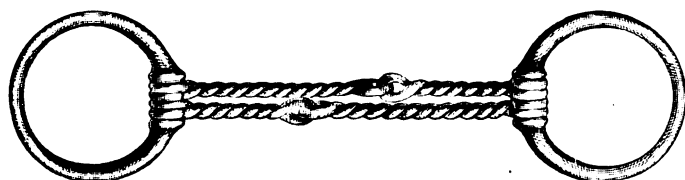
Jointed, Steel Mouth.

No. 37—Japanned, 2 $\frac{1}{2}$ inch Wrought Ring.....\$1.10
No. 47—XC Plate, 2 $\frac{3}{4}$ inch Wrought Ring..... 1.20
One-half Dozen in a Box.



Jointed, Twisted Wire, Single.

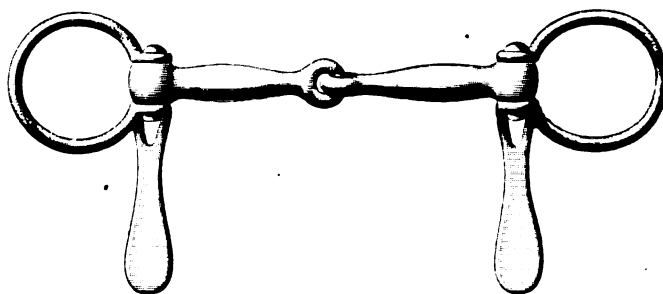
No. 840—XC Plate, 2 $\frac{1}{4}$ inch Ring.....\$1.00
One-half Dozen in a Box.



Jointed, Twisted Wire, Double.

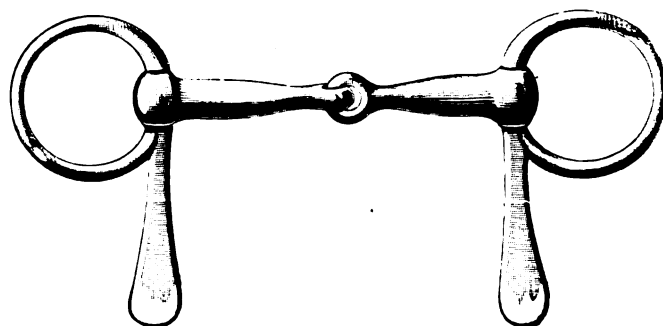
No. 835—XC Plate, 2 $\frac{1}{2}$ inch Ring.....\$1.40
One-half Dozen in a Box.

SNAFFLES



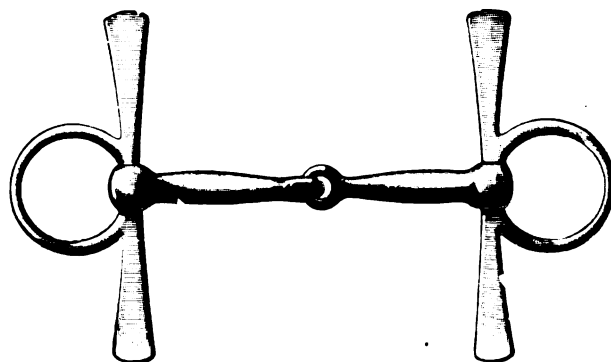
Jointed.

No. 541—Nickel Electro Plate, with Wrought Pin.....\$1.50
One-half Dozen in a Box.



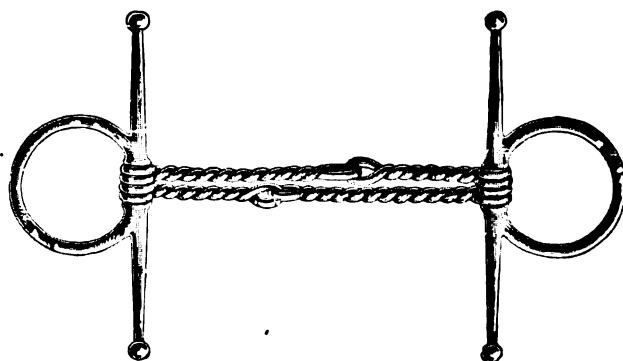
Jointed, Solid Cheek.

No. 502J—XC Plate, 2 inch Ring, Heavy Pattern.....\$1.60
One-half Dozen in a Box.



Jointed.

No. 506J—XC Plate, 2 inch Ring, Heavy Pattern.....\$2.00
One-half Dozen in a Box.

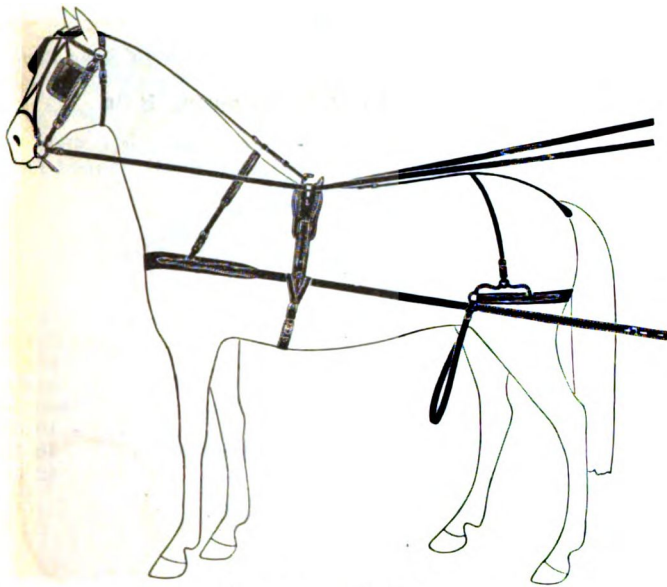


No. 876.

Jointed, Twisted Wire, Single.

No. 875—XC Plate, Full Cheek.....\$1.30
Jointed, Twisted Wire, Double.
No. 876—XC Plate, Full Cheek.....\$1.60
One-half Dozen in a Box.

BUGGY HARNESS

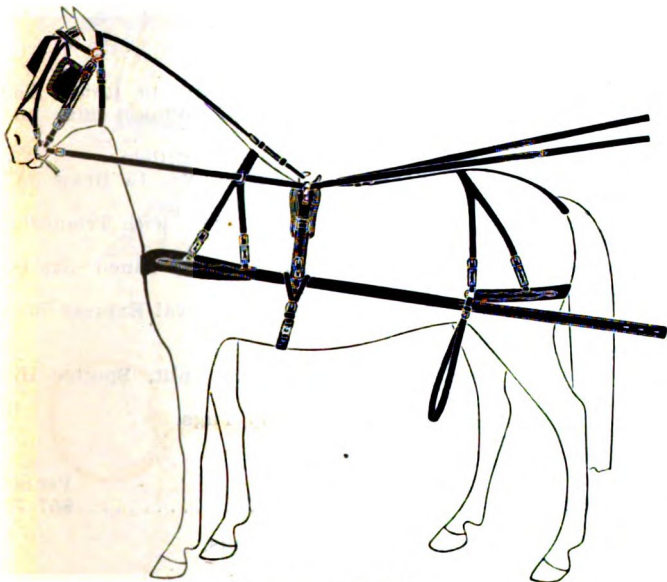


Nos. 154 and 254.

SINGLE STRAP

Bridle— $\frac{5}{8}$ inch, Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
 Lines—1 inch, Loop End.
 Breast Collar—Curved, Smooth Finish.
 Traces—1 $\frac{1}{8}$ inch, Smooth Finish, Attached to Breast Collar.
 Saddle—No. 21, Flexible, 2 $\frac{1}{2}$ inch Patent Leather Jockey, Dee Bearers.
 Shaft Tugs— $\frac{7}{8}$ inch.
 Belly Band—Griffith Style.
 Turnback— $\frac{7}{8}$ inch, Scalloped, with Round Crupper.
 Breeching—Smooth Finish, 3-Ring Brace.
 Side Straps— $\frac{7}{8}$ inch.
 Hip Strap— $\frac{3}{4}$ inch.
 No Tie Strap.

	Per Set
No. 154—Full Nickel Trimmed	\$29.25
No. 254—Full Imitation Rubber Trimmed	29.25
Weight Per Set 17 Pounds.	

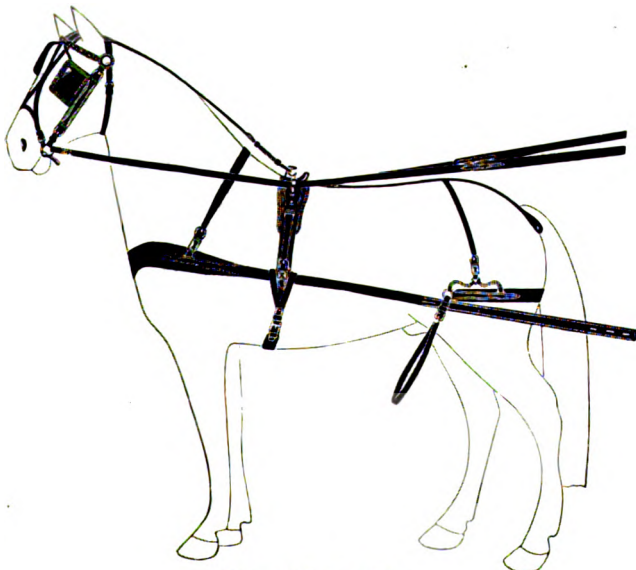


Nos. 1060 and 2060.

SINGLE STRAP

Bridle— $\frac{5}{8}$ inch, Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
 Lines—1 inch, Loop End.
 Breast Collar—V Shaped, Smooth Finish.
 Traces—1 $\frac{1}{4}$ inch, Smooth Finish, Attached to Breast Collar.
 Neck Strap—Split, with Line Terrets.
 Saddle—No. 22, Flexible, 2 $\frac{1}{2}$ inch, Large Swell, Patent Leather Jockey, Dee Bearers.
 Shaft Tugs— $\frac{7}{8}$ inch.
 Belly Band—Griffith Style.
 Turnback— $\frac{7}{8}$ inch, Scalloped, with Round Crupper.
 Breeching—Smooth Finish.
 Side Straps— $\frac{7}{8}$ inch.
 Hip Strap— $\frac{5}{8}$ inch, Scalloped, Split.
 No Tie Strap.

	Per Set
No. 1060—Full Nickel Trimmed	\$32.00
No. 2060—Full Imitation Rubber Trimmed	32.00
Weight Per Set 18 Pounds.	



Nos. 170 to 470.

SINGLE STRAP

Bridle— $\frac{5}{8}$ inch, Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
 Lines—1 inch, with 1 $\frac{1}{8}$ inch Hand Parts, Spring Billet.
 Breast Collar—V Shaped, Smooth Finish.
 Traces—1 $\frac{1}{4}$ inch, Smooth Finish, Attached to Breast Collar.
 Saddle—No. 30, 3 inch, Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
 Shaft Tugs—1 inch, Box Loops.
 Belly Band—Griffith Style, $\frac{7}{8}$ inch Wrap Strap.
 Turnback— $\frac{5}{8}$ inch, Scalloped, Round Crupper.
 Breeching—Smooth Finish, 3-Ring Brace, Box Loop Tug.
 Side Straps— $\frac{7}{8}$ inch.
 Hip Strap— $\frac{3}{4}$ inch.
 Tie Strap— $\frac{5}{8}$ inch.

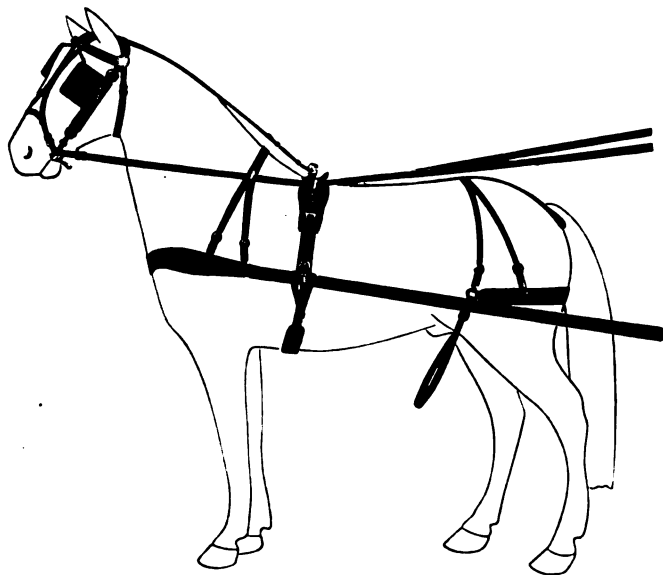
	Per Set
No. 170—Full Nickel Trimmed	\$37.00
No. 270—Full Brass Trimmed	37.00
No. 370—Full Imitation Rubber Trimmed	37.00
No. 470—Full Genuine Rubber Trimmed	42.50

Weight Per Set 19 Pounds.

One Set in a Box.

Note—When Ordering Harness, Always State Kind of Trim.

BUGGY HARNESS



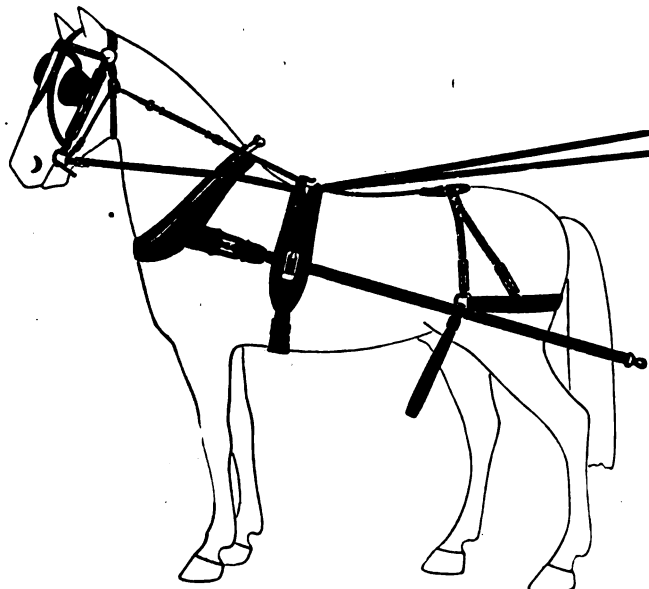
Nos. 1089 to 4089.

SINGLE STRAP

Bridle— $\frac{3}{4}$ inch, Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
 Lines—1 inch, with $1\frac{1}{4}$ inch Hand Parts, Spring Billet.
 Breast Collar—V Shaped, Smooth Finish.
 Traces— $1\frac{1}{2}$ inch, Smooth Finish, Attached to Breast Collar.
 Saddle—No. 22, 3 inch, Flexible, Extra Large Swell Shaped Pad, Patent Leather Jockey, Dee Bearers.
 Neck Strap— $\frac{3}{4}$ inch, Split, with Line Terrets.
 Shaft Tugs—1 inch, Box Loop.
 Belly Band—Griffith Style, $\frac{1}{2}$ inch Wrap Straps.
 Turnback—1 inch, Scalloped, Round Crupper.
 Breeching—Smooth Finish, Box Loop Tugs.
 Side Straps—1 inch.
 Hip Strap—Scalloped, $\frac{3}{4}$ inch, Split.
 Tie Strap— $\frac{3}{4}$ inch.

	Per Set
No. 1089—Full Nickel Swedge Trimmed.....	\$40.50
No. 2089—Full Brass Swedge Trimmed.....	40.50
No. 3089—Full Imitation Rubber Wire Trimmed.....	40.50
No. 4089—Full Solid Nickel Trimmed.....	42.00

Weight Per Set 20 Pounds.



No. 1550.

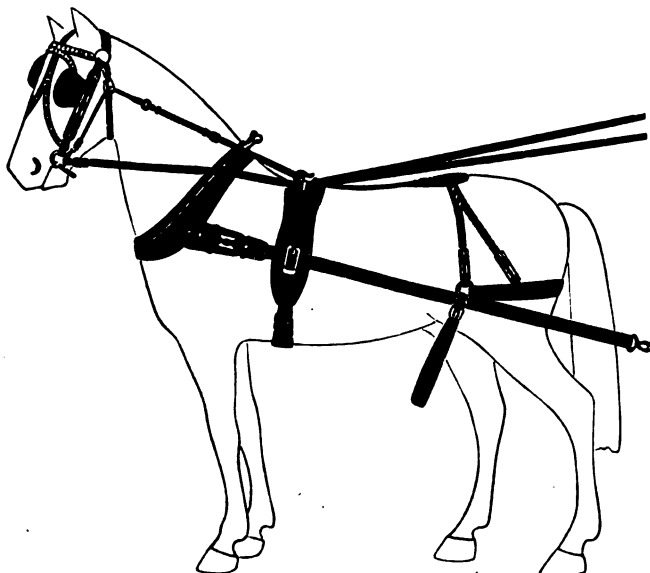
EXPRESS HARNESS

EXPRESS

Bridle— $\frac{3}{4}$ inch, with Box Loops, Cup Shape Blinds, Round Side Check, Spotted Combination Front and Winker Stay and Spotted Face Piece.
 Lines—1 inch Throughout, with Buckles and Billets.
 Hame Tugs— $1\frac{1}{4}$ inch, Box Loops with Safe, No. 15 Brass Ball Top Red Clip Hames.
 Traces— $1\frac{1}{4}$ inch, Raised, Doubled and Stitched, with Triangular Cockeyes.
 Saddle—No. 420, $4\frac{1}{2}$ inch, Full Pad, Leather Lined Express Saddle.
 Shaft Tugs— $1\frac{1}{4}$ inch, with Dee Billets, Brass Oval Express Shaft Tug Buckles.
 Belly Bands—Folded.
 Turnback—1 inch, Reversed, with $\frac{3}{4}$ inch Split, Spotted Hip Straps.
 Breeching—Folded, with Layer, Box Loop Tugs.
 Side Straps— $1\frac{1}{2}$ inch.
 Tie Strap— $\frac{3}{4}$ inch.

	Per Set
No. 1550—Japan, Brass Trimmed	\$57.75

Weight Per Set 39 Pounds.



No. 1570.

EXPRESS

Bridle— $\frac{3}{4}$ inch, Box Loops, Cup Shape Blinds, Round Side Check, Spotted Combination Front and Winker Stay, Spotted Face Piece.
 Lines—1 inch Throughout, Buckle and Billet.
 Hame Tugs— $1\frac{1}{2}$ inch, Box Loops, with Safe, No. 15 Brass Ball Top, Red Clip Hames.
 Traces— $1\frac{1}{2}$ inch, Doubled and Stitched, Triangular Cockeyes.
 Saddle—No. 425, 5 inch, Full Pad, Harness Leather Skirts, Kersey Lined.
 Shaft Tugs— $1\frac{1}{2}$ inch, with Dee Billets and Brass Oval Express Shaft Tug Buckles.
 Belly Bands—Folded.
 Turnback—1 inch, Reversible, with $\frac{3}{4}$ inch Split Spotted Hip Straps.
 Breeching—Folded, with Layer, Box Loop Tugs.
 Side Straps— $1\frac{1}{2}$ inch.
 Tie Strap— $\frac{3}{4}$ inch.

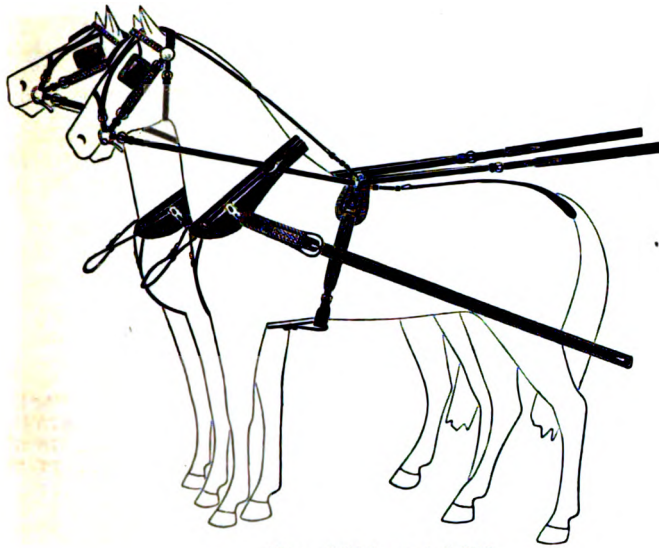
	Per Set
No. 1570—Japan, Brass Trimmed	\$61.25

Weight Per Set 43 Pounds.

One Set in a Box.

Note—When Ordering Harness, Always State Kind of Trim.

DOUBLE BUGGY HARNESS



Nos. 1616 and 2616.

LIGHT

Smooth Finish.

Bridles— $\frac{5}{8}$ inch, Box Loops, 3-Buckle Overcheck, with Nose Band, Spotted Fronts, Round Winker Stays.
 Lines—1 inch, with $1\frac{1}{8}$ inch Hand Parts.
 Hame Tugs— $1\frac{1}{4}$ inch, with Safe, Box Loops, Bell Draft Eye Iron Hames.
 Traces— $1\frac{1}{4}$ inch, Raised, Doubled and Stitched.
 Martingales—1 inch.
 Pole Straps— $1\frac{1}{4}$ inch.
 Coach Pads—No. $3\frac{1}{2}$, Jupiter, Single Strap Skirts, with Doubled and Stitched Scalloped Bearers.
 Belly Bands—Single Strap.
 Turnbacks— $\frac{7}{8}$ inch, Scalloped, with Round Cruppers.
 Tie Straps— $\frac{5}{8}$ inch.

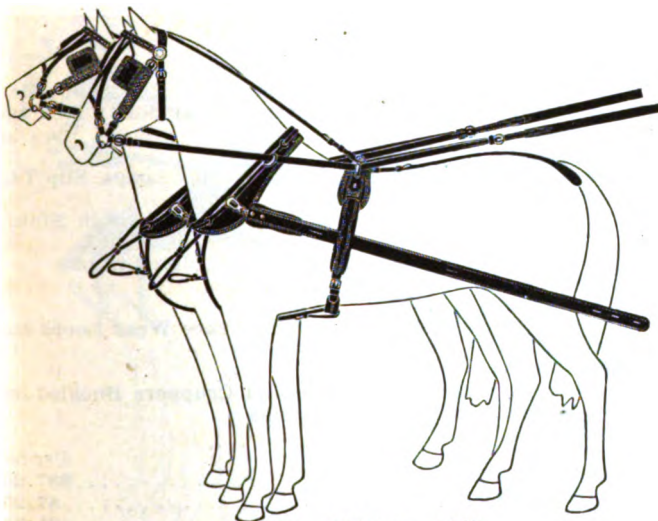
	Per Set
No. 1616—Full Nickel or Brass Swedge Trimmed.....	\$65.50
No. 2616—Full Imitation Rubber Wire Trimmed.....	65.50

Per Set

Same as Above, with Double Hip Strap Breeching.

No. 10616—Full Nickel or Brass Swedge Trimmed.....	\$77.75
No. 20616—Full Imitation Rubber Wire Trimmed.....	77.75

Weight Per Set 36 Pounds.



Nos. 1634 to 4634.

SINGLE STRAP

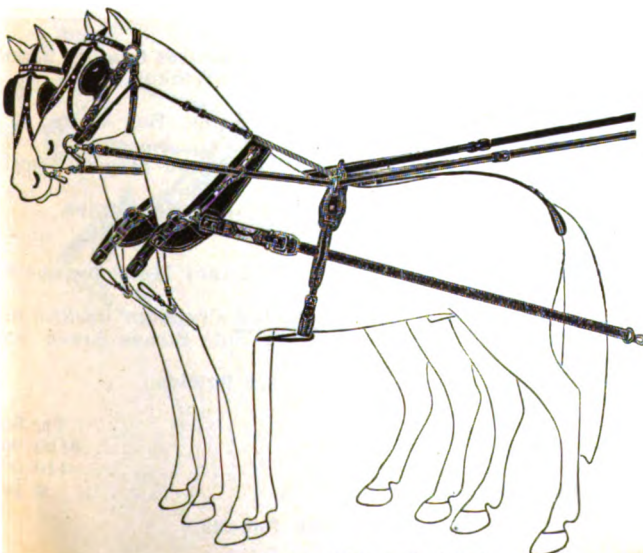
Smooth Finish.

Bridles— $\frac{3}{4}$ inch, 3-Buckle Overcheck, with Nose Band, Spotted Fronts, Round Winker Stays.
 Lines—1 inch, with $1\frac{1}{8}$ inch Hand Parts.
 Traces— $1\frac{1}{2}$ inch, Single Strap, Attached to Bell Draft Eye Iron Coach Hames.
 Martingales— $1\frac{1}{4}$ inch, with Neckyoke Strap Attached.
 Pole Straps— $1\frac{1}{2}$ inch.
 Coach Pads—No. $3\frac{1}{2}$, Kemp.
 Skirts—Extra Wide, Smooth Finish, Scalloped Bearers, Doubled and Stitched.
 Belly Bands—Folded, with Layer.
 Turnbacks—1 inch, Scalloped, with Round Cruppers.
 Tie Straps— $\frac{5}{8}$ inch.

	Per Set
No. 1634—Full Nickel Swedge Trimmed.....	\$79.00
No. 2634—Full Brass Swedge Trimmed.....	79.00
No. 3634—Full Imitation Rubber Wire Trimmed.....	79.00
No. 4634—Full Genuine Rubber Wire Trimmed.....	89.00

Weight Per Set 43 Pounds.

DOUBLE SPRING WAGON HARNESS



Nos. 1803 and 2803

LIGHT DRAUGHT

Narrow Edge Creased.

Bridles— $\frac{3}{4}$ inch, Box Loops, Cup Shape Blinds, Spotted Face Piece, Round Side Check, Round Winker Stays.
 Lines—1 inch x 18 foot.
 Hame Tugs— $1\frac{1}{4}$ inch, Box Loops, Low Top Wood Hames.
 Traces— $1\frac{1}{4}$ inch, Doubled and Stitched, Triangular Cockeyes.
 Martingales— $1\frac{1}{4}$ inch, Narrow Edge Crease, with Collar Straps.
 Breast Straps— $1\frac{1}{4}$ inch, Narrow Edge Crease.
 Pads—No. 3, Michigan.
 Skirts—Doubled and Stitched, Bearers with Wear Loops.
 Belly Bands—Folded.
 Turnbacks—1 inch, Round Cruppers Buckled on.
 No Tie Strap.

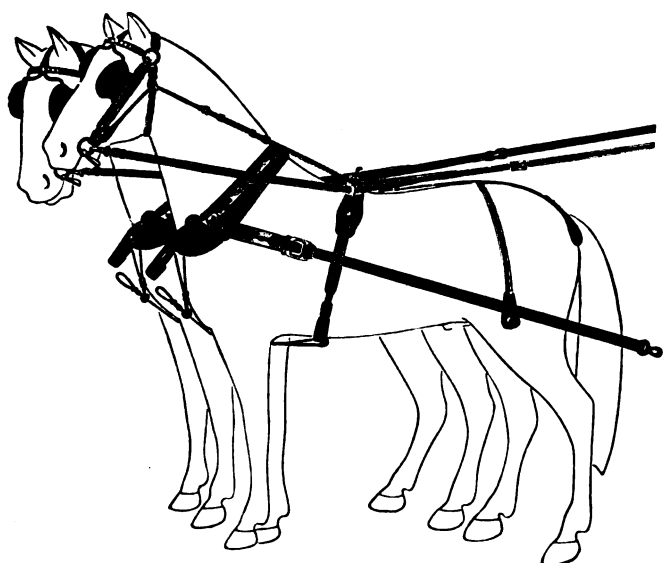
	Per Set
No. 1803—Japan, or Japan XC Trimmed.....	\$68.00
No. 2803—Japan, Nickel or Brass Trimmed.....	70.25

Weight Per Set 30 Pounds.

One Set in a Box.

Note—When Ordering Harness, Always State Kind of Trim.

DOUBLE SPRING WAGON HARNESS



Nos. 1810 to 4810.

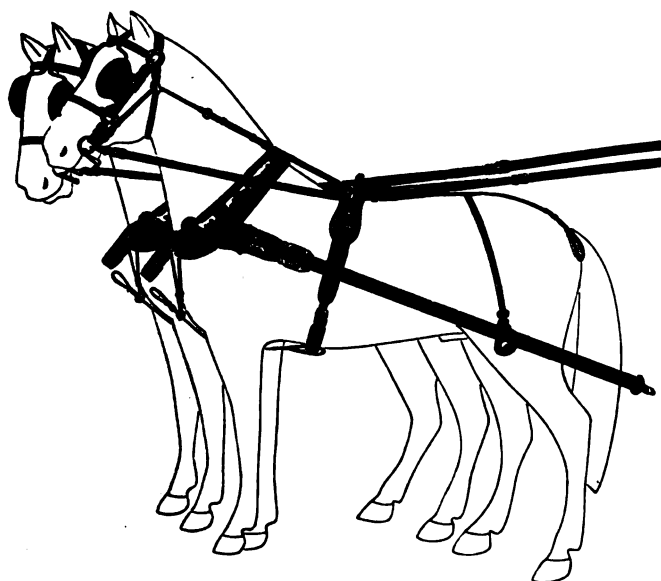
LIGHT DRAUGHT

Narrow Edge Creased.

Bridles— $\frac{3}{4}$ inch, Long Box Loop Cheeks, Spotted Fronts, Round Side Check and Winker Stays.
 Lines—1 inch, 18 foot.
 Hame Tugs— $1\frac{1}{4}$ inch, Box Loops, Oval Iron Wood Coach Hames.
 Traces— $1\frac{1}{4}$ inch, Raised, Doubled and Stitched, with Triangular Cockeyes.
 Martingales— $1\frac{1}{4}$ inch, Narrow Edge Crease, with Collar Straps.
 Breast Straps— $1\frac{1}{4}$ inch, Narrow Edge Crease.
 Pads—No. 3, Michigan.
 Skirts—Doubled and Stitched Bearers, with Wear Loops.
 Belly Bands—Folded.
 Turnbacks—1 inch, Scalloped, Round Cruppers Buckled on.
 Hip Straps— $\frac{7}{8}$ inch, with Leather Drops.
 Tie Straps— $\frac{5}{8}$ inch.

	Per Set
No. 1810—Full Japanned Trimmed.....	\$73.75
No. 2810—Japan, XC Trimmed	73.75
No. 3810—Japan, Nickel Trimmed	77.75
No. 4810—Japan, Brass Trimmed	77.75

Weight Per Set 52 Pounds.



Nos. 1850 to 3850.

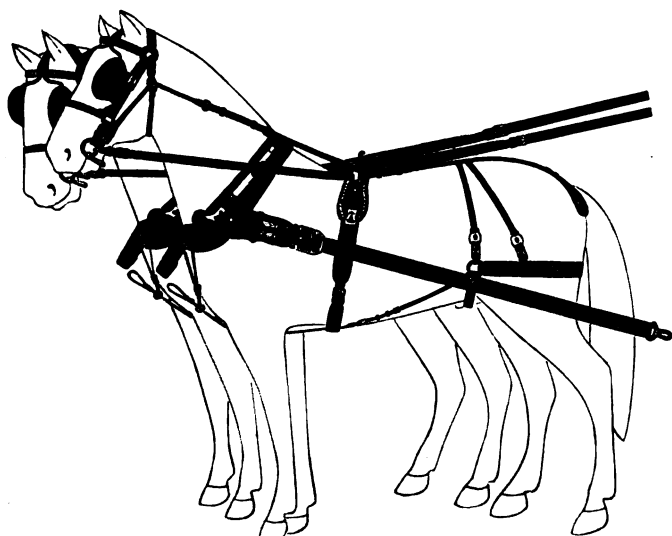
LIGHT DRAUGHT

Smooth Finish.

Bridles— $\frac{3}{4}$ inch, Short Cheek, with Nose Band, Cup Shape Harness Leather Blinds, Spotted Fronts, Round Side Check and Winker Stays.
 Lines—1 inch, 20 foot.
 Hame Tugs— $1\frac{3}{8}$ inch, with Scalloped Safes, Box Loops, Slip Tug, Oval Iron Wood Coach Hames.
 Traces— $1\frac{3}{8}$ inch, Doubled and Stitched, Raised Smooth Finish, with Triangular Cockeyes.
 Martingales— $1\frac{1}{2}$ inch, Smooth Finish, with Collar Straps.
 Breast Straps— $1\frac{1}{2}$ inch, Smooth Finish.
 Pads—No. 4, Montana.
 Skirts—Single Strap, Round Bearers, with Trace Wear Loops and $1\frac{1}{4}$ inch Billets.
 Belly Bands—Folded.
 Turnbacks—1 inch, Scalloped, with Round Cruppers Buckled on.
 Hip Straps— $\frac{7}{8}$ inch, with Leather Drops.
 Tie Straps— $\frac{5}{8}$ inch.

	Per Set
No. 1850—Japanned Trimmed	\$87.25
No. 2850—XC Trimmed	87.25
No. 3850—Nickel or Brass Trimmed.....	91.75

Weight Per Set 59 Pounds.



Nos. 10863 and 20863.

LIGHT DRAUGHT

Smooth Finish.

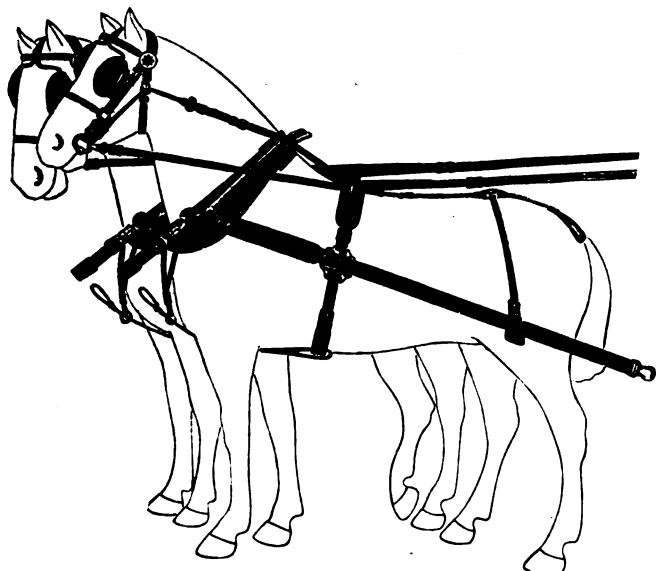
Bridles— $\frac{3}{4}$ inch, Short Cheek, Cup Shape Harness Leather Blinds, Spotted Fronts, Round Side Check and Winker Stay.
 Lines—1 inch, 20 foot.
 Hame Tugs— $1\frac{1}{2}$ inch, with Scalloped Safes, Box Loops, Slip Tugs, No. 175 Low Top Hames.
 Traces— $1\frac{1}{2}$ inch, Doubled and Stitched, Raised Smooth Finish, with Triangular Cockeyes.
 Martingales— $1\frac{1}{2}$ inch, Smooth Finish, with Collar Straps.
 Breast Straps— $1\frac{1}{2}$ inch, Smooth Finish.
 Pads—No. 4, Montana.
 Skirts—Single Strap, Round Bearers, and Fancy Metal Ornaments.
 Belly Bands—Folded.
 Turnbacks—1 inch, Scalloped, with Round Cruppers Buckled on.
 Breeching—Single Strap, with $1\frac{1}{2}$ inch Side Straps Sewed into Rings.
 Hip Straps— $\frac{7}{8}$ inch, Double, with Buckle Shields.
 Tie Straps— $\frac{5}{8}$ inch.

	Per Set
No. 10863—Japan or XC Trimmed.....	\$105.00
No. 20863—Nickel or Brass Trimmed.....	110.50
Add for 175 Low Top Bolt Hames.....	2.10

Weight Per Set 66 Pounds.

Note—When Ordering Harness, Always State Kind of Trim.

FARM PLOW HARNESS



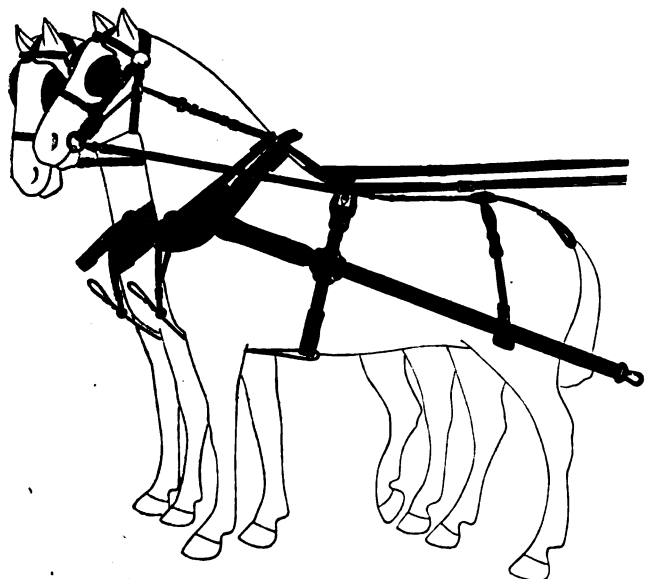
Nos. 1910 and 2910.

Bridles— $\frac{3}{4}$ inch, Short Cheek, Cup Shape Harness Leather Blinds, Flat Nose Band, Round Side Check and Round Winker Stays.
 Lines—1 inch, 18 foot.
 Hame Tugs— $1\frac{1}{2}$ inch, with No. 450 Black Clip Hames.
 Traces— $1\frac{1}{2}$ inch, Doubled and Stitched, with Clip Cockeyes.
 Martingales— $1\frac{1}{2}$ inch, with Collar Straps.
 Breast Straps— $1\frac{1}{2}$ inch, Champion.
 Pads—No. 30, with Dee and Market Strap Skirts.
 Belly Bands—Folded.
 Back Straps—1 inch, with Folded Cruppers.
 Hip Straps—1 inch, with Cooper Trace Carriers.
 No Tie Straps.

	Per Set
No. 1910—Full Japanned Trimmed.....	\$70.50
No. 2910—Japanned, XC Trimmed.....	70.50

Weight Per Set 61 Pounds.

TEAM FARM HARNESS



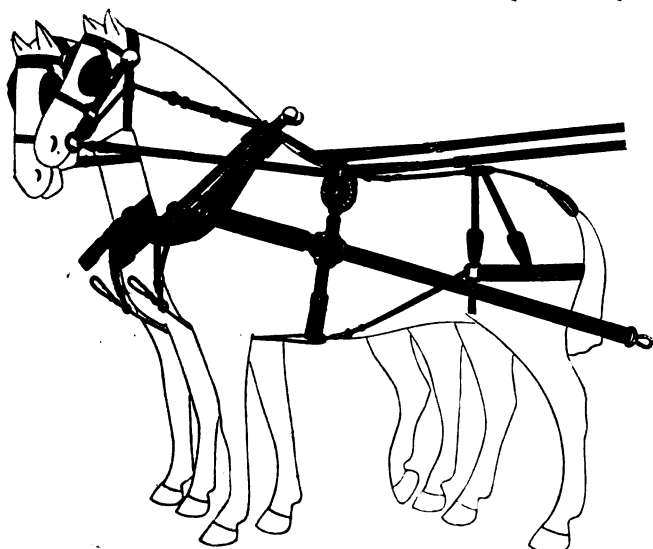
Nos. 1962 and 2962.

Bridles— $\frac{3}{8}$ inch, Short Cheeks, Harness Leather Cup Shape Blinds, Round Side Checks and Winker Stays, Flat Nose Band.
 Lines—1 inch, 20 foot.
 Hame Tugs— $1\frac{1}{2}$ inch, Hard, Doubled and Stitched, Scalloped Safe, Hand Laced Box Loops, No. 460 XC Bolt Hames.
 Traces— $1\frac{1}{2}$ inch, Doubled and Stitched, Triangular Cockeyes.
 Martingales— $1\frac{1}{2}$ inch, with Collar Straps.
 Breast Straps— $1\frac{1}{2}$ inch.
 Pads—No. 1180, Moline, with Rink Skirts and $1\frac{1}{2}$ inch Market Straps.
 Belly Bands—Folded, with Layer.
 Back Straps— $1\frac{1}{2}$ inch, with Folded Cruppers Buckled on.
 Hip Straps— $1\frac{1}{2}$ inch.
 Tie Straps— $\frac{3}{4}$ inch.

	Per Set
No. 1962—Full XC Trimmed	\$ 97.00
No. 2962—Full XC Trimmed with $1\frac{1}{4}$ inch Traces.....	103.00

Weight Per Set 71 Pounds.

FARM BREECHING HARNESS



Nos. 10964 and 20964.

Bridles— $\frac{3}{8}$ inch, Short Cheek Cup Shape Harness Leather Blinds, Flat Nose Bands, Spotted Combination Front and Winker Stays, Round Side Checks.
 Lines— $1\frac{1}{2}$ inch, 20 foot.
 Hame Tugs— $1\frac{1}{2}$ inch, Folded, Hand Laced Box Loop, No. 500 Nickel Ball Top Screw Bolt Hames, with Jointed Concord Clips.
 Traces— $1\frac{1}{2}$ inch, Doubled and Stitched, Triangular Cockeyes.
 Martingales— $1\frac{1}{2}$ inch, with Collar Straps.
 Breast Straps— $1\frac{1}{2}$ inch.
 Pads—No. 152, Swell Shape, Harness Leather, Leather Lined, German Silver Spotted, Dwight Hook and Terrets, with Market Straps.
 Belly Bands—Folded.
 Back Straps— $1\frac{1}{2}$ inch, with Folded Cruppers Buckled on.
 Hip Straps— $1\frac{1}{2}$ inch, Double.
 Breeching—Folded, with Layer.
 Side Straps—1 inch.
 No Tie Straps.

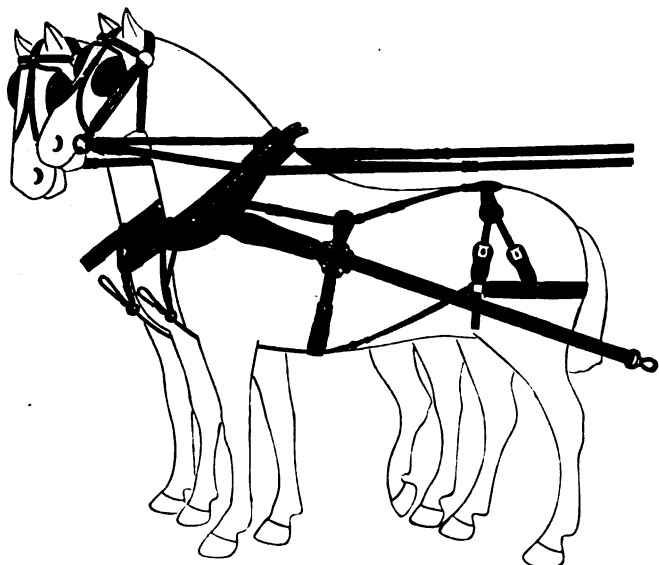
	Per Set
No. 10964—Full XC Trimmed with Nickel Ball Top Hames	\$117.00
No. 20964—Full XC Trimmed with Nickel Ball Top Hames, $1\frac{1}{4}$ inch Traces.....	122.50

Weight Per Set 78 Pounds.

One Set in a Box.

Note—When Ordering Harness, Always State Kind of Trim.

FARM BREECHING HARNESS



Nos. 11030 and 21030.

Bridles— $\frac{3}{4}$ inch, Long Box Loop Cheek, Spotted Face Piece, Harness Leather Cup Shape Blinds, Flat Side Check and Round Winker Stays.

Lines—1 inch, 20 foot.

Hame Tugs—1 $\frac{1}{2}$ inch, Hard, Doubled and Stitched, with Scalloped Safes, No. 5 Oiled Concord Bolt Hames.

Traces—1 $\frac{1}{2}$ inch, 6 foot, Doubled and Stitched, with Triangular Cockeyes.

Martingales—1 $\frac{1}{2}$ inch, with Collar Straps.

Breast Straps—1 $\frac{1}{2}$ inch.

Belly Bands—Folded, with Layer.

Rib Straps—1 inch, to Lead up on Trace Buckle, 1 inch Quarter Strap to Hames.

Hip Straps—1 inch, Double, 3-Ring, with Buckle Shields.

Breeching—Folded, with Layer.

Side Straps—1 inch.

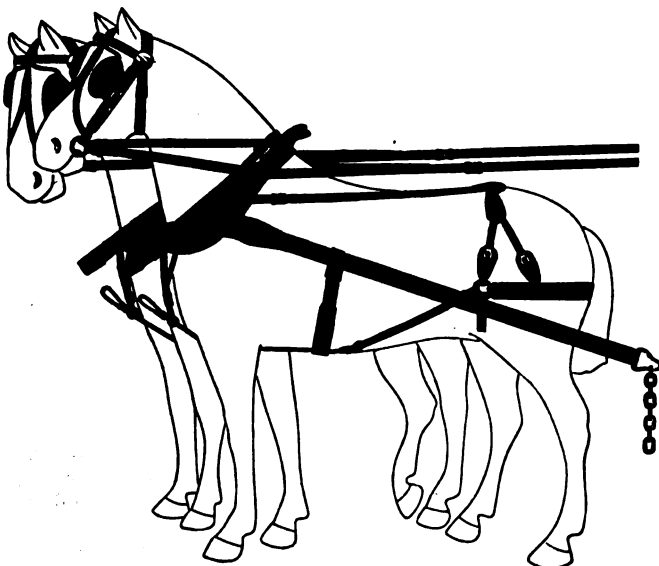
Tie Straps— $\frac{3}{4}$ inch.

No. 11030—Full XC Trimmed Per Set \$107.00

No. 21030—Full XC Trimmed, with 1 $\frac{1}{2}$ inch Traces... 113.00

Weight Per Set 77 Pounds.

PINERY STYLE BREECHING HARNESS



Nos. 11131 and 21131.

Bridles— $\frac{7}{8}$ inch, Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts and Spotted Face Piece, Flat Side Check, Round Winker Stays.

Lines—1 inch, 20 foot.

Traces—1 $\frac{3}{4}$ inch, 3-row, Doubled and Stitched, with Safes and Heel Chains, No. 6 Oiled Concord Bolt Hames.

Martingales—1 $\frac{3}{4}$ inch, with Collar Straps.

Breast Straps—1 $\frac{3}{4}$ inch.

Belly Bands—Folded, with Layer.

Rib Straps—1 inch, to Hames.

Hip Straps—1 inch, Double, 3-Ring, with Buckle Shields.

Breeching—Folded, with Layer, 1 inch Side Straps and Lazy Straps.

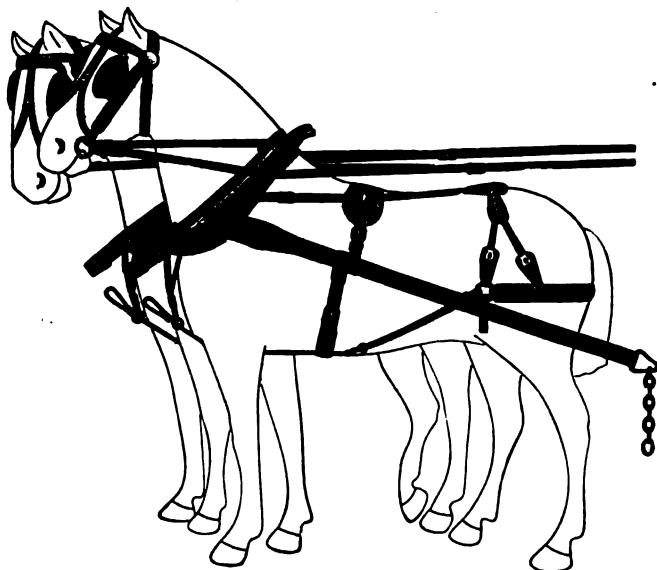
Tie Straps— $\frac{3}{4}$ inch.

No. 11131—Full Japanned Trimmed Per Set \$113.00

No. 21131—Japanned Trimmed, with Brass Dandy Ball

Top Hames 117.00

Weight Per Set 80 Pounds.



Nos. 11168 to 31168.

Bridles— $\frac{7}{8}$ inch, Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Combination Fronts and Winker Stays, Spotted Face Piece, Flat Side Checks.

Lines—1 $\frac{1}{2}$ inch, 20 foot.

Traces—1 $\frac{3}{4}$ inch, 3-Row, Doubled and Stitched, with Safes and Heel Chains, No. 6 Oiled Concord Bolt Hames.

Martingales—1 $\frac{3}{4}$ inch, with Safes and Collar Straps.

Breast Straps—1 $\frac{3}{4}$ inch, 5 foot.

Pads—No. 184, Swell Shaped Harness Leather, Felt Lined, Fancy Spotted, with Brass Colorado Bridges and 1 $\frac{1}{2}$ inch Market Straps.

Belly Bands—Folded, with Layer.

Rib Straps—1 $\frac{3}{4}$ inch, to Hames.

Hip Straps—1 $\frac{3}{4}$ inch, 3-Ring, Spotted, with Buckle Shields.

Breeching—Folded, with Layer, 1 $\frac{3}{4}$ inch Side Straps and Lazy Straps.

Tie Straps— $\frac{3}{4}$ inch.

No. 11168—Full Japanned Trimmed Per Set \$131.50

No. 21168—Japan Trimmed, with Brass Dandy Ball Top

Concord Hames 136.00

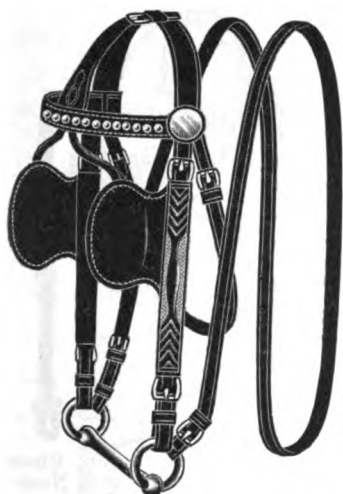
No. 31168—Japan Trimmed, with 1 $\frac{3}{4}$ inch 4 foot 8 inch Pinery Hook and Dee Traces 125.00

Weight Per Set 94 Pounds.

One Set in a Box.

Note—When Ordering Harness, Always State Kind of Trim.

TEAM BRIDLES



No. 107.

No. 107— $\frac{3}{4}$ inch, Long Box Loop Cheek, Cup Shape Harness Leather Blinds, Spotted Front, Flat Side Checks, Round Winker Stay.

Per Dozen

Japped\$62.50

XC Plate 62.50

Weight Each $3\frac{1}{4}$ Pounds.

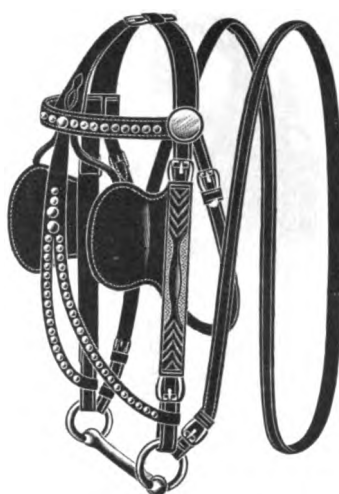
No. 113— $\frac{7}{8}$ inch, Otherwise Same as No. 107.

Per Dozen

Japped\$73.50

XC Plate 73.50

Weight Each $3\frac{3}{4}$ Pounds.



No. 110.

No. 110— $\frac{3}{4}$ inch, Long Box Loop Cheek, Cup Shape Harness Leather Blinds, Spotted Front and Spotted Face Piece, Flat Side Check, Round Winker Stay.

Per Dozen

Japped\$74.00

XC Plate 74.00

Weight Each $3\frac{3}{4}$ Pounds.

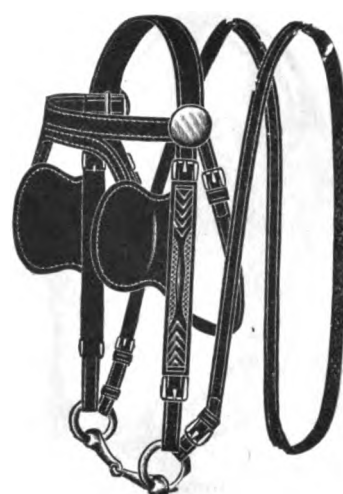
No. 115— $\frac{7}{8}$ inch, Otherwise Same as No. 110.

Per Dozen

Japped\$81.25

XC Plate 81.25

Weight Each 4 Pounds.



No. 159.

No. 159— $\frac{3}{4}$ inch, Long Box Loop Cheek, Cup Shape Harness Leather Blinds, Flat Side Check, Combination Front and Winker Stay.

Per Dozen

Japped\$61.25

XC Plate 61.25

Weight Each $3\frac{1}{2}$ Pounds.

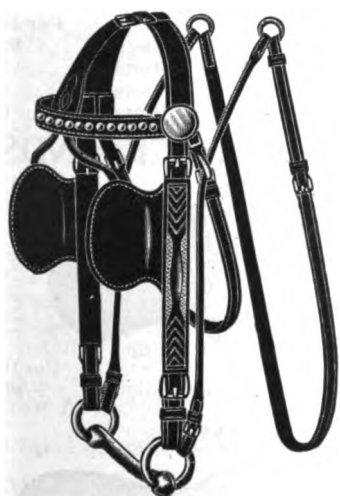
No. 164— $\frac{7}{8}$ inch, Otherwise Same as No. 159.

Per Dozen

Japped\$70.25

XC Plate 70.25

Weight Each 4 Pounds.



No. 214.

No. 214— $\frac{3}{4}$ inch, Long Box Loop Cheek, Cup Shape Harness Leather Blinds, Spotted Front, Round Side Check and Winker Stay.

Per Dozen

Japped\$80.75

XC Plate 80.75

Weight Each 4 Pounds.

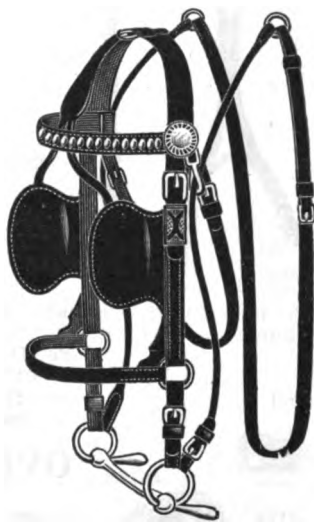
No. 219— $\frac{7}{8}$ inch, Otherwise Same as No. 214.

Per Dozen

Japped\$84.50

XC Plate 84.50

Weight Each $4\frac{1}{2}$ Pounds.



No. 290.

No. 290— $\frac{3}{4}$ inch, Short Cheek, Cup Shape Harness Leather Blinds, Fancy Spotted Front, Flat Nose Band, Round Side Check, Round Winker Stay, Smooth Finish.

Per Dozen

Japped\$84.25

XC Plate 84.25

Nickel 89.25

Brass 89.25

Weight Each $3\frac{1}{2}$ Pounds.



No. 338.

No. 338— $\frac{3}{4}$ inch, Flat Open Cheek, with Safe, Short Box Loops, Roller Buckles.

Per Dozen

Japped\$44.30

Weight Each $2\frac{1}{2}$ Pounds.

No. 339— $\frac{7}{8}$ inch, Otherwise Same as No. 338.

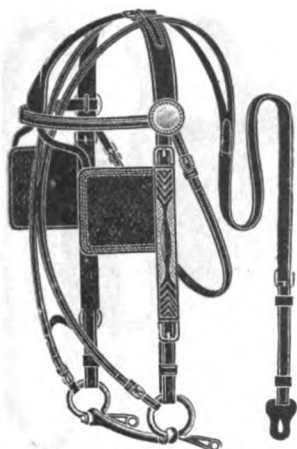
Per Dozen

Japped\$53.75

Weight Each 3 Pounds.

Note—When Ordering Bridles, Always State Trim.

BUGGY BRIDLES



No. 10— $\frac{3}{4}$ inch, Box Loops, Patent Leather Blinds, 3-Buckle Overcheck, with Nose Band, Round Winker Stay. Each
 Nickel, Wire Buckles.....\$4.65
 Imitation Rubber, Wire Buckles.. 4.65
 Weight Each 2 $\frac{1}{2}$ Pounds.



No. 30— $\frac{3}{4}$ inch, Box Loops, Patent Leather Blinds, $\frac{5}{8}$ inch 3-Buckle Overcheck, with Nose Band, Round Winker Stay. Each
 Nickel, Swedge Buckles.....\$6.75
 Brass, Swedge Buckles..... 6.75
 Imitation Rubber, Wire Buckles.. 6.75
 Weight Each 3 Pounds.



No. 60— $\frac{3}{4}$ inch, Round Cheek, 3-Buckle Overcheck, with Nose Band, Smooth Finish. Each
 Nickel, Wire Buckles.....\$5.00
 Imitation Rubber, Wire Buckles.. 5.00
 Genuine Rubber, Wire Buckles... 6.25
 Weight Each 2 Pounds.

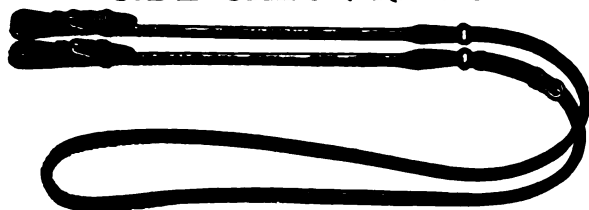
TRACK BRIDLES



No. 70.

No. 70— $\frac{5}{8}$ inch, with $\frac{1}{2}$ inch Overcheck. Each
 Nickel Buckles\$4.00
 Imitation Rubber Buckles..... 4.00
 Weight Each 2 Pounds.
No. 70 $\frac{3}{4}$ — $\frac{3}{4}$ inch, with $\frac{5}{8}$ inch Overcheck. Each
 Nickel Buckles\$4.55
 Imitation Rubber Buckles..... 4.55
 Genuine Rubber Buckles..... 5.45
 Weight Each 2 $\frac{1}{4}$ Pounds.

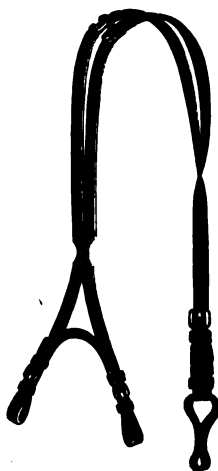
SIDE CHECK REINS



Round.

No. 210— $\frac{3}{4}$ inch Rounds, with $\frac{3}{4}$ inch Center Reins, Creased. Per Dozen
 Japanned\$27.50
 XC Trimmed 27.50
 Brass 28.20

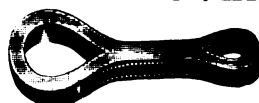
OVERCHECKS



No. 10— $\frac{1}{2}$ inch Split, 5-Buckle, with Nose Band.

Per Dozen
 Japanned\$27.50
 XC Trimmed 27.50
 Brass 28.25

OVERCHECK ENDS



Nos. 5 and 6.

Per Gross
No. 5— $\frac{3}{8}$ inch, Sewed, Black Leather\$18.00
No. 6— $\frac{1}{2}$ inch 19.00



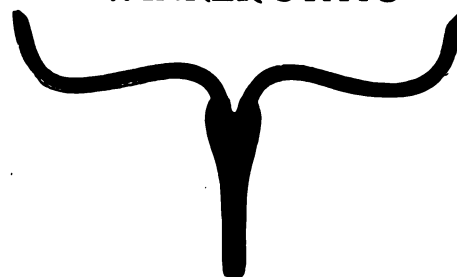
Per Gross
No. 15—Rawhide Leather, with Ring, Sewed.....\$10.00

ROUNDS FOR SIDE CHECKS



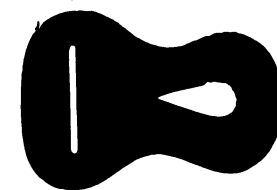
No. 26— $\frac{3}{4}$ inch, Team Rounds, Sewed Lap at Rings. Per Dozen
 Without Buckles\$7.25
 Japanned Roller Buckles 8.20
 XC Roller Buckles 8.20

WINKER STAYS



Round. Per Dozen
No. 11— $\frac{1}{2}$ inch Billets.....\$2.25
No. 15— $\frac{5}{8}$ inch Billets..... 5.00
No. 110— $\frac{3}{4}$ inch Billets..... 5.65
No. 115— $\frac{7}{8}$ inch Billets..... 6.50

OVERCHECK ENDS



Per Gross
No. 1—Black Leather\$6.50

CHEEKED BLINDS

BUGGY



Nos. 5 and 10.

No. 5— $\frac{3}{4}$ inch, 3-Row Stitched Patent Leather Blinds, Smooth Finish.

Per Dozen Pairs

Nickel Wire Buckles.....\$22.30

Imitation Wire Rubber Buckles. 22.30

Brass Wire Rubber Buckles.... 22.30

Genuine Rubber Wire Buckles.. 26.00

No. 10— $\frac{3}{4}$ inch, 3-Row Stitched Patent Leather Blinds, Smooth Finish.

Per Dozen Pairs

Nickel Wire Buckles.....\$24.80

Imitation Rubber Wire Buckles. 24.80

LONG TEAM



No. 55— $\frac{3}{4}$ inch, Cup Shape Harness Leather Blinds.

Per Dozen Pairs

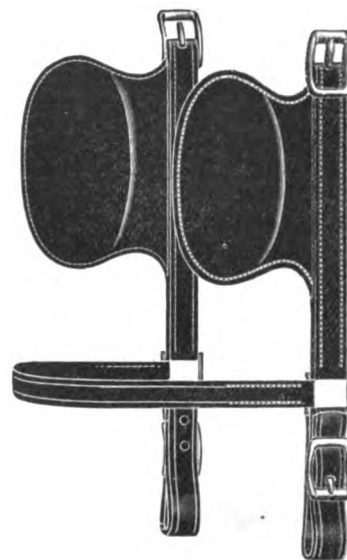
Japan Wire Buckles.....\$23.80

XC Wire Buckles 23.80

Nickel Wire Buckles..... 24.70

Brass Wire Buckles..... 24.70

SHORT TEAM



No. 80— $\frac{3}{4}$ inch, Cup Shape Harness Leather Blinds, Flat Nose Band, with Bit Strap.

Per Dozen Pairs

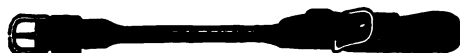
Japanned Bar Buckles.....\$22.90

No. 81— $\frac{3}{4}$ inch, Otherwise Same as No. 80.

Per Dozen Pairs

Japanned Bar Buckles.....\$27.10

OPEN BRIDLE CHEEKS



Round.

No. 110— $\frac{1}{2}$ inch, Extended Laps, Round Cheeks, Narrow Loops.

Per Dozen Pairs

Nickel or Imitation Rubber Wire Buckles.....\$14.00

Brass Wire Buckles 14.00

Genuine Rubber Wire Buckles..... 17.75

No. 112— $\frac{5}{8}$ inch, Extended Laps, Round Cheeks, Narrow Loops.

Nickel or Brass Swedge Buckles..... 14.60

No. 115— $\frac{3}{4}$ inch, Extended Laps, Round Cheeks, Narrow Loops.

Nickel or Imitation Rubber Wire Buckles..... 15.25

Brass Wire Buckles 15.25

OPEN TEAM BRIDLE CHEEKS



Per Dozen Pairs

No. 25—With Safe, Bar Buckles.

$\frac{3}{4}$ inch, Japanned\$12.40

$\frac{1}{2}$ inch, Japanned 14.00

TEAM BIT STRAPS



Smooth Finish.

Per Dozen

No. 15— $\frac{1}{2}$ inch, Smooth.

Japanned\$2.60

XC Plate 2.60

Nickel 2.80

Brass 2.80

TEAM THROATS



Per Dozen

No. 210— $\frac{3}{4}$ inch, Creased, Roller Buckle.

Japanned\$4.30

XC Plate 4.30

TEAM CROWNS



Per Dozen

No. 301— $\frac{3}{4}$ x $\frac{5}{8}$ inch, Bar Buckles.

Japanned\$6.00

No. 310— $\frac{3}{4}$ x $\frac{3}{4}$ inch, Roller Buckles.

XC Plate 6.00

No. 315— $\frac{3}{4}$ x $\frac{3}{4}$ inch, Roller Buckles.

Japanned 9.35

XC Plate 9.35

TEAM LINES



No. 92—Buckles and Snaps, Japanned.

Size, Inches	1	1	1 1/2	1 1/2
Length, Feet	18	20	18	20
Per Dozen Sets	\$116.25	126.00	129.25	145.00



No. 106—Roller Buckles.

Size, Inches	1	1	1 1/2	1 1/2
Length, Feet	18	20	18	20
Japanned	Per Doz. Sets, \$129.25	142.25	144.25	158.00
XC Plate	Per Doz. Sets, 129.25	142.25	144.25	158.00

SINGLE BUGGY LINES



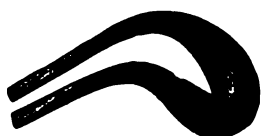
	Per Pair
No. 15—1 inch Front, with 1 1/2 inch Hand Parts, Spring Billet, 14 feet Long.	
Nickel	\$6.50
Imitation Rubber	6.50
No. 15x11—1 inch Front, with 8 feet No. 11 Folded Hand Parts, 14 feet Long.	
Nickel	10.50
Imitation Rubber	10.50
No. 15x14—1 inch Front, with 8 feet No. 14 Folded Hand Parts with Layer, 14 feet Long.	
Nickel	11.25
Imitation Rubber	11.25

DOUBLE BUGGY LINES



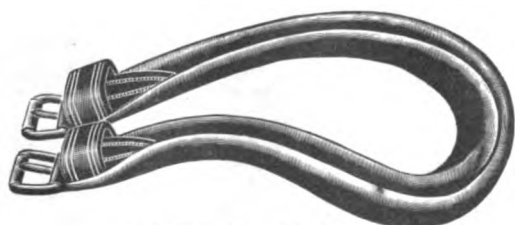
	Per Pair
No. 45—1 inch Front, 1 1/2 inch Smooth Finished Hand Parts.	
Nickel	\$9.50
Imitation Rubber	9.50

BUGGY CRUPPERS



	Per Dozen
No. 115—Milwaukee, Flaxseed Filled, Heavy	\$5.65

TEAM CRUPPERS



No. 40—3/4 inch, Folded.

	Per Dozen
Japanned Roller Buckles	\$6.50
XC Roller Buckles	6.50

TEAM TRACES



Raised Round Edge.

	Per Set
No. 123—1 3/4 inch, 6 foot, Triangular Cockeyes	\$19.50
No. 125—1 1/4 inch, 6 foot 6 inch, Triangular Cockeyes	18.75
No. 225—1 3/4 inch, 6 foot 6 inch, Triangular Cockeyes	20.75
No. 325—1 1/2 inch, 6 foot 6 inch, Triangular Cockeyes	23.50



Creased Edge.

	Per Set
No. 130—1 1/2 inch, 6 foot, Triangular Cockeyes	\$20.25
No. 230—1 3/4 inch, 6 foot, Triangular Cockeyes	24.75
No. 131—1 1/2 inch, 6 foot, 2-Ply Triangular Cockeyes	23.50
No. 135—1 1/2 inch, 6 foot 3 inch, Triangular Cockeyes	21.50
No. 140—1 3/4 inch, 6 foot 6 inch, Triangular Cockeyes	21.50
No. 240—1 1/2 inch, 6 foot 6 inch, Triangular Cockeyes	23.25
No. 340—1 3/4 inch, 6 foot 6 inch, Triangular Cockeyes	27.50

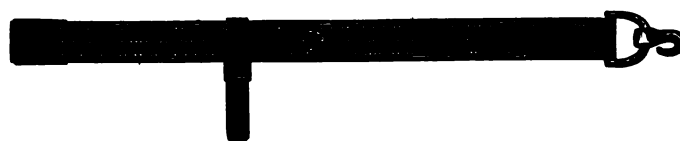
PINERY HARNESS TRACES



6 foot 3 inches, with Billets, Concord Screw Clevises and Heel Chains, for Bolt Hames.

	Per Set
No. 80—1 1/2 inch, 2-Row Stitched	\$32.25
No. 180—1 3/4 inch, 3-Row Stitched	38.25
No. 280—2 inch, 3-Row Stitched	47.50
No. 380—2 1/4 inch, 3-Row Stitched	52.25

LUMBER TRACES



With Dee and Hook.

4 foot 8 inches, with Pinery Hook and Dee, and Billets, for Bolt Hames.

	Per Set
No. 85—1 1/2 inch, 2-Row Stitched	\$25.50
No. 185—1 3/4 inch, 3-Row Stitched	29.25
No. 285—2 inch, 3-Row Stitched	35.50
No. 385—2 1/4 inch, 3-Row Stitched	39.75
No. 485—2 1/2 inch, 3-Row Stitched	43.75

TEAM MARTINGALES



	Per Dozen
No. 01—1½ inch, with Rings, Japan Trimmed.....	\$20.50
No. 11—1¼ inch, with Rings, Japan Trimmed.....	17.25
No. 21—1½ inch, with Rings, Japan or XC Trimmed..	21.25
No. 31—1¾ inch, with Rings, Japan or XC Trimmed..	27.50
No. 3—1½ inch, with Rings, Japan or XC, Extra Long	23.25
No. 5—1½ inch, with Rings, Lined at Neckyoke End, Japan or XC.....	24.50
No. 15—1¾ inch, with Rings, Lined at Neckyoke End, Japan or XC.....	30.00



	Per Dozen
No. 20—1½ inch, with Rings and Safe, Lined at Neckyoke End, Japan Trimmed.....	\$31.00
No. 120—1¾ inch, with Rings and Safe, Lined at Neckyoke End, Japan Trimmed.....	36.25
No. 220—2 inch, with Rings and Safe, Lined at Neckyoke End, Japan Trimmed.....	40.50

BUGGY MARTINGALES



Double.

Per Dozen

No. 35D—1 inch, Smooth Finish.	
Nickel Buckles	\$14.10
Imitation Rubber Buckles.....	14.10
Genuine Rubber Buckles	16.25

COLLAR STRAPS



No. 1—Made up 27 inches, with No. 50 Roller Buckles.

Inches	¾	1	1¼
Per Dozen	\$5.75	6.50	8.75

TEAM HAME STRAPS



No. 41—Made up 22 inches, Twin Loops, Japanned Buckles.

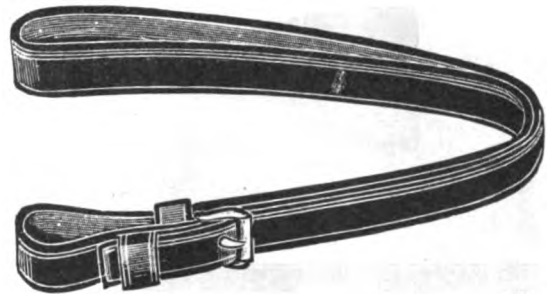
Size, Inches	¾	1
Per Dozen	\$4.25	4.75



No. 25—Made up 21 inches, Sewed Leather Loops, Japanned Buckles.

Size, Inches	¾	¾	1	1¼
Per Dozen	\$4.25	5.25	6.25	6.75

TEAM BREAST STRAPS



Per Dozen

No. 35—1½ inch, 4 feet 6 inches Made up.	
Japanned Roller Buckle.....	\$24.00
XC Roller Buckle	24.00
No. 45—1¾ inch, 4 feet 6 inches Made up.	
Japanned Roller Buckle	\$29.00
XC Roller Buckle	29.00

BUGGY BREAST STRAPS



Double.

No. 145—Smooth Finish.

Size, Inches	1¼	1½
Nickel Buckle	Per Dozen, \$18.50	23.75
Imitation Rubber Buckle..	Per Dozen, 18.50	23.75
Genuine Rubber Buckle... Per Dozen,	20.00	29.50

BUGGY HARNESS SIDE STRAPS



Per Dozen

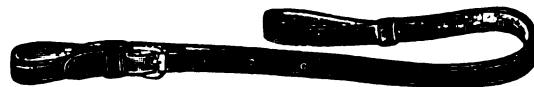
No. 51—¾ inch, Nickel	\$11.25
No. 61—¾ inch, Imitation Rubber	11.25

EXPRESS HARNESS SIDE STRAPS

Per Dozen

No. 110—1½ inch, Japanned.....	\$16.50
No. 210—1¼ inch, Japanned.....	18.75

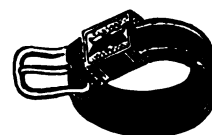
TEAM HARNESS SIDE STRAPS



Per Dozen

No. 115—Japanned Buckles, ¾ inch.....	\$14.10
No. 215—Japanned or XC Buckles, 1 inch, Made up 6 foot	17.00
No. 315—Japanned Buckles, 1¼ inch, Made up 6 foot.	19.50
No. 415—Japanned Buckles, 1¼ inch, Made up 6 foot.	20.10

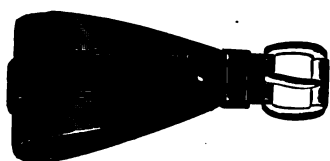
BUGGY SHAFT TUGS



Per Dozen

No. 10—1 inch.	
Nickel Wire Buckles	\$ 7.00
Imitation Rubber Wire Buckles.....	7.00
Brass Wire Buckles	7.00
Genuine Rubber Wire Buckles.....	11.50

TEAM LAZY STRAPS



No. 25—1½ inch, with Layer, Round Safe, XC Buckle. **Per Dozen \$6.25**



No. 30—1 inch by 33 inches, no Safe, for Breeching. **Per Dozen \$9.10**



No. 36—1 inch by 36 inches, with Safe. **Per Dozen \$11.75**

BUGGY BELLY BANDS



No. 1—Griffith Style, Smooth, with Wrap Straps. **Each**
 Nickel Buckles **\$2.50**
 Imitation Rubber Buckles **2.50**
 Genuine Rubber Buckles **3.00**

TEAM BELLY BANDS



Folded.

Per Dozen
 No. 10—1 inch, Japanned Buckles. **\$14.75**
 No. 115—1¼ inch, Japanned Buckles. **11.75**
 No. 215—1½ inch, Japanned Buckles. **13.50**

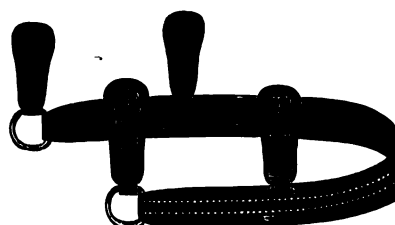
SPREAD STRAPS



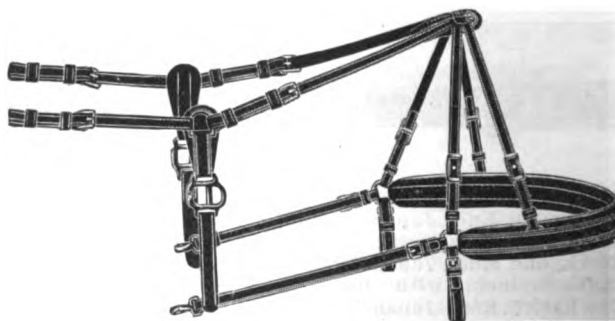
Team, without Rings.

Per Dozen
 No. 315—½ inch **\$1.75**
 No. 415—¾ inch **3.10**
 No. 20—½ x 24 inches, Japanned Buckles. **3.30**
 No. 120—¾ x 24 inches, Japanned Buckles. **3.80**
 No. 125—½ x 36 inches, Japanned Buckles. **4.50**
 No. 225—¾ x 36 inches, Japanned Buckles. **5.00**

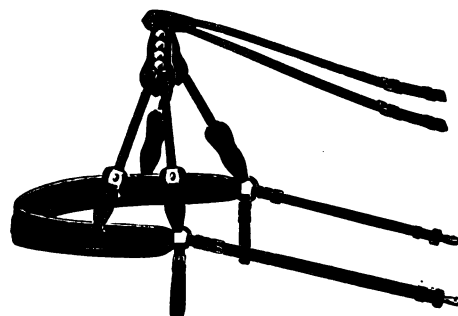
TEAM BREECHING



No. 40—Folded, with Layer, 1 inch Lead ups, for Double Hip Straps. **Per Pair**
 Japan Buckles **\$9.25**
 XC Plate Buckles **9.25**



No. 55—Folded, with Layer, 1 inch Double Hip Straps to Reverse, 1 inch Rib Straps to Lead up, 1 inch Quarter Straps to Hames, 1¼ inch Belly Band Billets, 1 inch Side Straps, 1 inch Lazy Straps. **Per Pair**
 Japanned **\$29.00**



No. 60—Folded, with Layer, 1 inch Double 3 Ring Hip Straps, Spotted, with Trace Carriers, 1 inch Rib Straps to Hames, 1 inch Side Straps, 1 inch Lazy Straps, Japanned, with Brass Buckle Shields. **Per Pair**
 **\$30.50**

SPREAD STRAPS



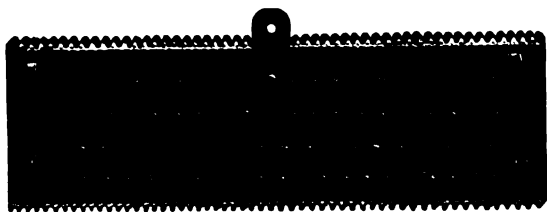
No. 76—13 inches Long, ½ inch Black Leather Strap, 6 Assorted Sizes, White Zylonite Rings, White Celluloid Slide Loops, No. 5 White Zylonite Ring at End, Security Snap. **Per Dozen**
 **\$15.25**



No. 78—16 inches Long, ½ inch, Black Leather Strap, 10 Assorted Sizes White Zylonite Rings, White Celluloid Slide Loops, No. 5 white Zylonite Ring at End, Buckle and Billet. **Per Dozen**
 **\$21.50**

HOUSINGS

OK COACH



- Per Dozen
- No. 16—4½x18 inches, Stuffed and Padded, Enameled Drill Top, Yellow Felt Bottom.....\$2.70
- No. 16B—4½x18 inches, Stuffed and Padded, Enameled Drill Top, Blue Felt Bottom..... 2.70

PATENT LEATHER TOP COACH



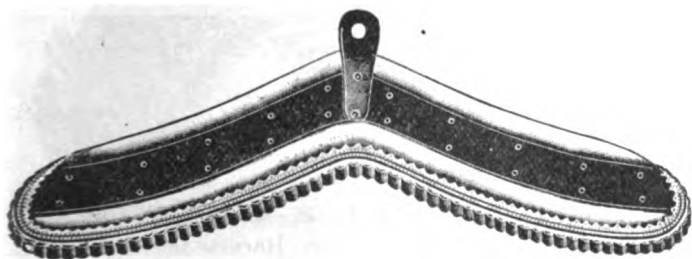
- Per Dozen
- No. 30—4½x18 inches, Perforated Patent Leather Top, Orange Felt\$4.70
- No. 30B—4½x18 inches, Perforated Patent Leather Top, Blue Felt 4.70

FANCY BEADED COACH



- Per Dozen
- No. 45—4½x18 inches, Perforated Patent Leather Top, Fancy Colored Leather Bead, Pinked Edge, Fawn Felt\$9.00
- No. 45B—4½x18 inches, Perforated Patent Leather Top, Fancy Colored Leather Bead, Pinked Edge, Blue Felt 9.00

LARGE LEATHER ROLL PATENT LEATHER TOP COACH



- Per Dozen
- No. 60—4½x18 inches, Patent Leather Top, Large White Roll, White Felt.....\$10.00
- No. 62—4½x18 inches, Patent Leather Top, Large Black Roll, Blue Felt..... 10.00

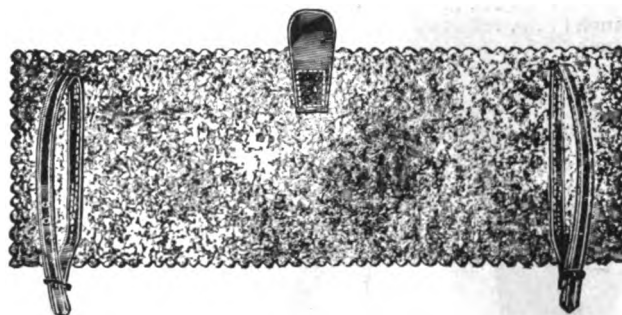
HOUSINGS

BRIDGE FELT COACH

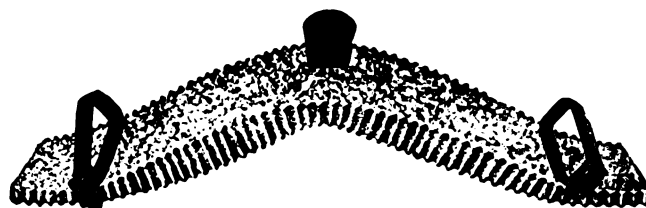


- Per Dozen
- No. 80—4½x18 inches, Patent Leather Top, Extra Quality Blue Felt, with Double Felt Bridges.....\$9.00

FELT EXPRESS

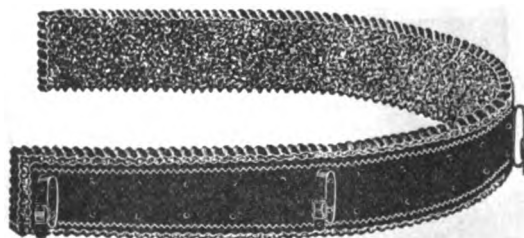


- No. 302—Heavy Gray Felt, Strapped.
- | Size, Inches | 4x20 | 6x20 | 7x20 |
|--------------|--------|-------|-------|
| Per Dozen | \$8.50 | 10.00 | 10.70 |



- No. 310—Heavy Gray Graduated Felt, Strapped.
- | Size, Inches | 4x20 | 5x20 | 6x20 | 7x20 |
|--------------|--------|-------|-------|-------|
| Per Dozen | \$8.00 | 10.10 | 12.80 | 14.80 |

BREAST COLLAR HOUSINGS



- Per Dozen
- No. 130—3x36 inches, Patent Leather Top, Blue Felt..\$7.30



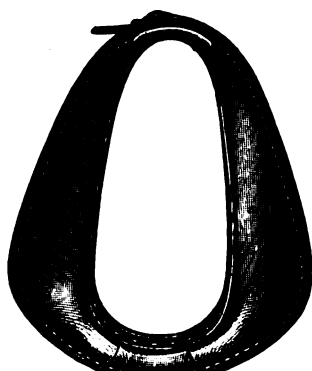
- Per Dozen
- No. 148—V Shaped, Patent Leather Top, Blue Felt..\$10.00

HORSE COLLARS



No. 17—Extra Wide Draught, Ticking Face, Heavy Web Rim, Sole Leather Collar Pad, Leather Hame and Line Ring Chafes, Wool Stuffed Face.

Sizes	Per Dozen
16, 17, 18 inch.....	\$33.00
19, 20, 21 inch.....	34.25
22 inch	36.50
23 inch	38.75
24 inch	42.00



No. 35.

Medium Team, Imitation Case, Russet Face, Black Rim and Back with Hame Chafe, Thong Sewed.

Sizes	Per Dozen
16, 17, 18 inch.....	\$ 96.75
19, 20, 21 inch.....	101.25
22 inch	109.25
23 inch	115.50
24 inch	126.75



No. 70.

Extra Heavy Norman Style, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Reinforced Throat, Thong Sewed, Hand Finished Top.

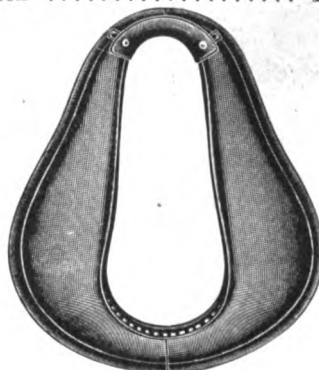
Sizes	Per Dozen
16, 17, 18 inch.....	\$129.00
19, 20, 21 inch.....	133.50
22 inch	141.25
23 inch	148.00
24 inch	159.25



No. 148.

Extra Heavy Team, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Genuine Curled Hair Face with Inter Liner, Diamond Stitched Rim, Outside Ribbon Stitched with Flange, Reinforced Throat, Hand Finished Top.

Sizes	Per Dozen
16, 17, 18 inch.....	\$125.00
19, 20, 21 inch.....	128.50
22 inch	136.25
23 inch	143.00
24 inch	154.00



No. 195.

Extra Heavy Blind Seam, Imitation Case, Half Sweeney Style, Russet Face, Whole Shoulder, Black Rim and Back, Genuine Curled Hair Face with Inter Liner, Thong Sewed, Hand Finished Top.

Sizes	Per Dozen
16, 17, 18 inch.....	\$145.75
19, 20, 21 inch.....	150.00
22 inch	158.00
23 inch	164.50
24 inch	175.75



No. 245.

Medium Buggy, Russet Face, Whole Shoulder, Thread Sewed, Hand Finished Buckled Top.

Sizes	Per Dozen
16, 17, 18 inch.....	\$73.50
19, 20, 21 inch.....	76.75
22 inch	83.50



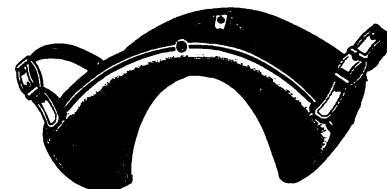
No. 210.

Extra Heavy Norman Style, Imitation Case, All Black Leather, Whole Shoulder, Reinforced Throat, Thong Sewed, Hand Tufted and Hand Finished Top.

Sizes	Per Dozen
16, 17, 18 inch.....	\$123.00
19, 20, 21 inch.....	127.50
22 inch	135.00
23 inch	142.00
24 inch	153.00

COLLAR PADS

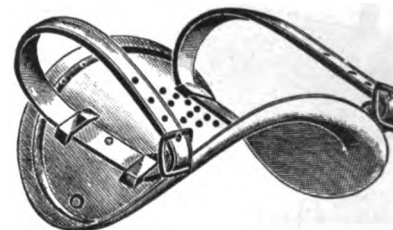
SOLE LEATHER



Pressed Sole Leather, with Straps and Irons.

Nos.	3	4	4 1/2
Per Dozen	\$6.70	7.50	8.00

STAR ZINC



No. 7—7 inch	Per Dozen \$8.10
--------------------	------------------

DEER SKIN



Best Quality, Harness Leather Back.

	Per Dozen
No. 0—Buggy Size	\$ 9.25
No. 01—Medium Size	12.50
No. 1—Large Size	16.50
No. 2—Extra Large Size.....	19.00

SWEAT PADS



Half Brown and White Drilled.

	Per Dozen
No. 35—11 inch Draft, Half Brown and White Drill Face, Common Stuffed, 4 Hooks.....	\$ 8.80
No. 37—12 inch Draft, Half Brown and White Drill Face, Common Stuffed, 4 Hooks.....	9.25
No. 39—13 inch Draft, Half Brown and White Drill Face, Common Stuffed, 4 Hooks.....	10.10

Sizes 18 to 26 inch.



Red Edge.

No. 45—10 inch Draft, All Old Gold Drill, Red Felt Edge, Common Stuffed, 4 Hooks.

Sizes	18	19	20	21	22
Per Dozen	\$7.50	7.80	8.00	8.25	8.50
Sizes	23	24	25	26	
Per Dozen	\$8.75	9.00	9.25	9.50	

HALTER AND TIE STRAPS

Harness Leather.

No. 1—With Metal Loop, 7 foot.

Size, Inches	¾	7/8	1
Per Dozen	\$11.00	13.00	15.50

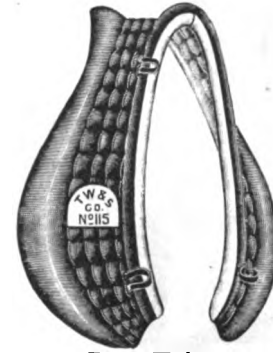
No. 3—With Metal Loops, 8 foot.

Size, Inches	¾	7/8	1
Per Dozen	\$12.50	15.00	18.00

Harness Leather.

No. 115T—With Buckle and Billet, 7 foot.

Size, Inches	¾	7/8	1	1 ¼
Per Dozen	\$12.75	15.25	18.00	23.25

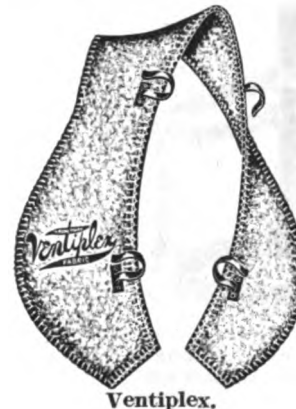


Pure Hair.

Half Brown and White Extra Heavy Drill Face, 4 Hooks.

No. 15—11 inch Draft, Pure Hair Stuffed. Per Dozen

Sizes	
18 to 24 inch.....	\$ 9.20
25 inch	9.50
26 inch	9.75
Sizes	
No. 115—11 inch Draft, 50% Deer Hair Stuffed.	
18 to 24 inch.....	11.10
25 inch	11.30
26 inch	11.50

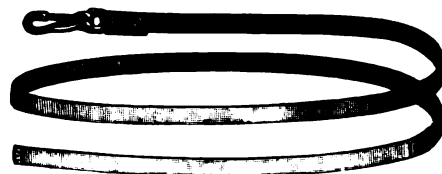


Ventiplex.

	Per Dozen
No. 310—Gray Ventiplex Fabric, 10 inch Draft, 4 Hooks	\$9.00
No. 311—Gray Ventiplex Fabric, 11 inch Draft, 4 Hooks	9.40

Sizes 18 to 26 inch.

WEB TIE STRAPS



No. 500—¾ inch by 7 foot, Extra Strong Brown Web...\$3.00 Per Dozen

NECK HALTERS



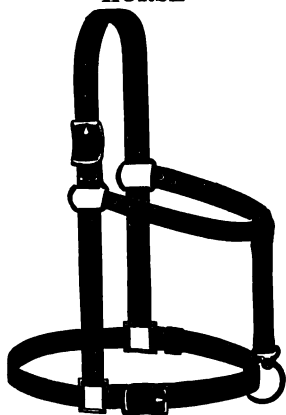
Harness Leather.

One Security Snap, no Bit Strap.

	Per Dozen
No. 080—1 ¼ inch, with 1 inch Tie.....	\$30.00
No. 1080—1 ½ inch, with 1 ¼ inch Tie.....	37.25

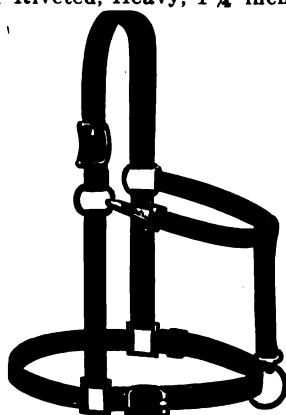
HALTERS

HORSE



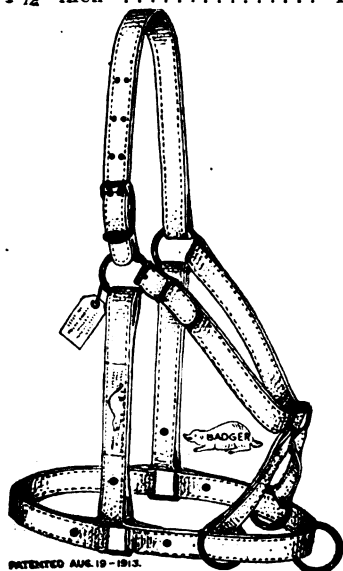
Harness Leather.

- | | Per Dozen |
|---|-----------|
| No. 0—5 Ring, Japanned Tubular Riveted, 1 1/4 inch..... | \$24.75 |
| No. 1—5 Ring, Japanned Tubular Riveted, Heavy, 1 1/4 inch | 30.00 |



Harness Leather. Per Dozen

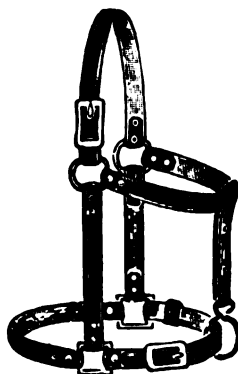
- | | |
|---|---------|
| No. 12—5 Ring, Coppered Tubular Riveted, with Lock Fast Snap. | |
| 1 inch | \$30.00 |
| 1 1/4 inch | 37.00 |
| 1 1/2 inch | 46.25 |



Patent Chrome Leather.

- | | Per Dozen |
|---|-----------|
| No. 14—Tite Tied, Doubled and Stitched, 1 1/4 inch..... | \$26.00 |
- The Tite Tied Halter is guaranteed against breakage and also that it will cure a horse of pulling on his halter.

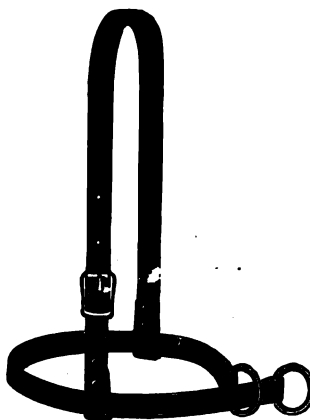
COLT



Harness Leather.

- | | Per Dozen |
|--|-----------|
| No. 55—5 Ring, Japanned Tubular Riveted. | |
| 7/8 inch | \$20.00 |
| 1 inch | 22.25 |

COW



Harness Leather.

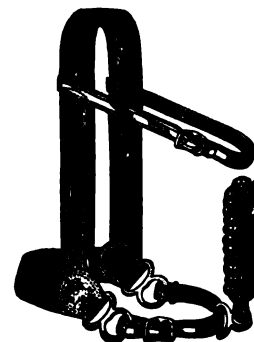
- | | Per Dozen |
|------------------------------------|-----------|
| No. 75—2 Ring and Buckle, Riveted. | |
| 1 inch | \$15.75 |
| 1 1/4 inch | 20.25 |

ROPE



- | | Per Dozen |
|---|-----------|
| No. 120—Sisal Woven Halter, Extra Heavy Sisal Stale.... | \$5.00 |

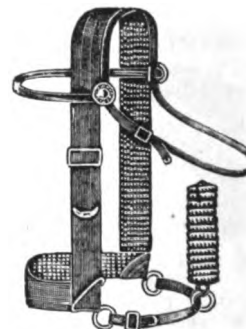
WEB



Leather Throat and Chin Strap.

- | | Per Dozen |
|---|-----------|
| No. 4 1/2—12 Cord, Horse Size, Red and Blue Web, Rope Tie | \$5.60 |

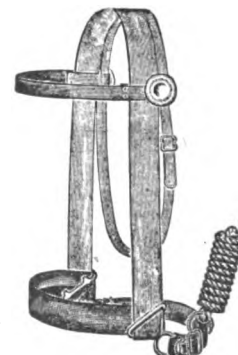
WEB



Dexter Bridle Halter.

- | | Per Dozen |
|---|-----------|
| No. 94—13 Cord, Horse Size, Red, Blue or White Web, Adjustable, Rope Tie..... | \$6.70 |
| No. 94X—13 Cord, Extra Large, Red, Blue or White Web, Rope Tie | 7.20 |
| No. 94C—Colt Size, Red, Blue or White Web, Adjustable, Rope Tie | 6.60 |

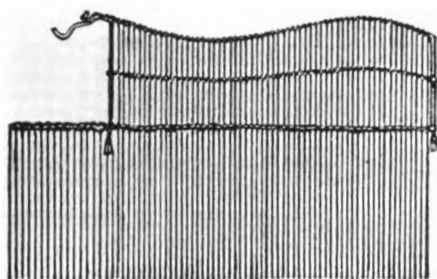
WEB



Dexter Bridle Halter.

- | | Per Dozen |
|---|-----------|
| No. 96—13 Cord, Horse Size, Red, Blue or White Web, Adjustable, with Rosettes, Rope Tie | \$7.20 |

BUGGY NETS



Round Leather.

Body and Breast.

Per Dozen

- No. 23—5 Bars, 90 Lashes, 2 Braided Ends.....
 No. 24—5 Bars, 75 Lashes, 2 Braided Ends.....
 No. 25—5 Bars, 60 Lashes, 2 Braided Ends.....

Flank.

- No. 31—5 Bars, 60 Lashes, 2 Braided Ends.....
 No. 30—5 Bars, 50 Lashes, 2 Braided Ends.....

Round Glazed Cord.

Body and Breast.

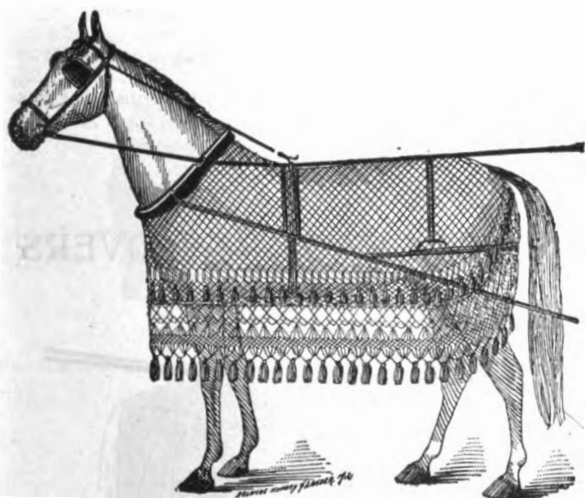
Per Dozen

- No. 213—5 Black Leather Bars, 90 Lashes.....
 No. 214—5 Black Leather Bars, 75 Lashes.....
 No. 215—5 Black Leather Bars, 60 Lashes.....

Flank.

- No. 220—5 Black Leather Bars, 50 Lashes.....

MESH NETS



Made of Best Seine Twine.

Patterns—A All White, D Black, E Old Gold.

- No. 428—Body and Breast, Solid Colors.....
 No. 328—To Head, Solid Colors.....

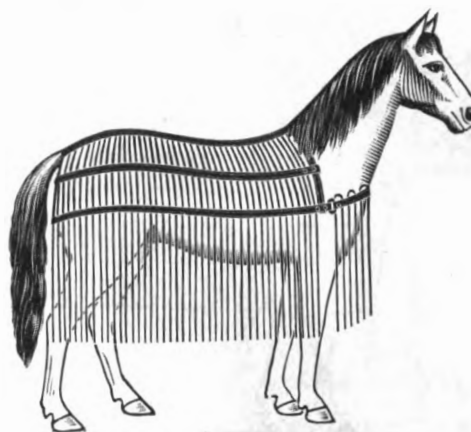
Patterns—11 Black and White, 1 Gold and Green, 20 Green and Lemon.

- No. 433—Body and Breast.....
 No. 333—To Head.....

These Nets are very substantial and will give the best of service—beautiful in design.

Note—Ask for Special Catalog and Price List.

CORD TEAM NETS



Sewed Bar.

Bars 5 feet, Lashes 7 1/2 feet.

Per Dozen

- No. 1235—5 Bars, 60 Lashes, Brown Cord.....
 No. 1236—5 Bars, 70 Lashes, Brown Cord.....

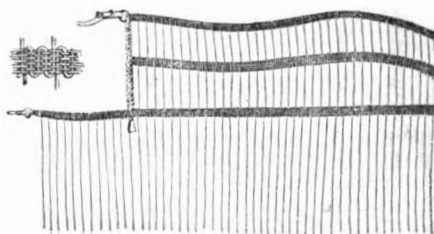
Web Bar.

Bars 5 feet, Lashes 7 1/2 feet.

Per Dozen

- No. 1275—5 Bars, 60 Lashes.....
 No. 1276—5 Bars, 70 Lashes.....
 No. 1277—5 Bars, 100 Lashes.....

CORD TEAM NETS



Fancy Woven Cotton Bar.

Per Dozen

- No. C62—5 Bars, 60 Black Lashes, Fancy Black and White Bars.....
 No. C612—5 Bars, 60 Golden Brown Lashes and Bars.....
 No. C72—5 Bars, 72 Black Lashes, Fancy Black and White Bars.....
 No. C1002—5 Bars, 100 Black Lashes, Fancy Black and White Bars.....

Special Quality Uneeda.

Per Dozen

- No. J60—5 Bars, 60 Lashes, All Black.....
 No. J720—5 Bars, 72 Lashes, All Black.....

CORD BUGGY NETS

Special Quality Uneeda.

Per Dozen

- No. A60—5 Bars, 60 Lashes, All Black.....
 No. A70—5 Bars, 70 Lashes, All Black.....

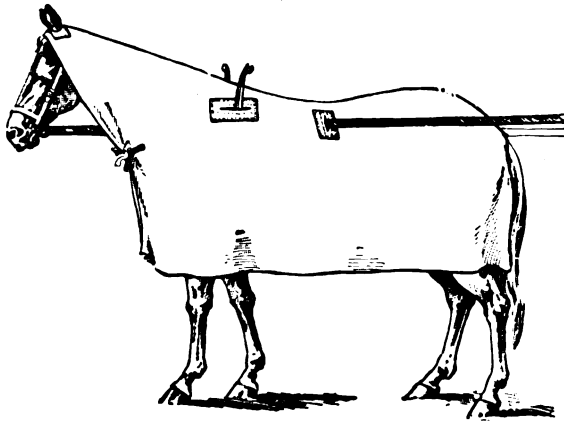
NET STRINGS FOR REPAIRS



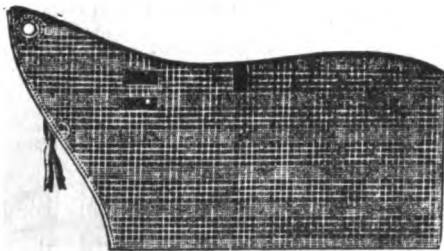
Per 100

- 7 foot, Cut 7 to the inch, Heavy Team Net Strings..
 8 foot, Cut 7 to the inch, Heavy Team Net Strings..
 7 1/2 foot, Round Leather Buggy Net Strings.....
 8 foot, Round Leather Express Net Strings.....

FLY COVERS

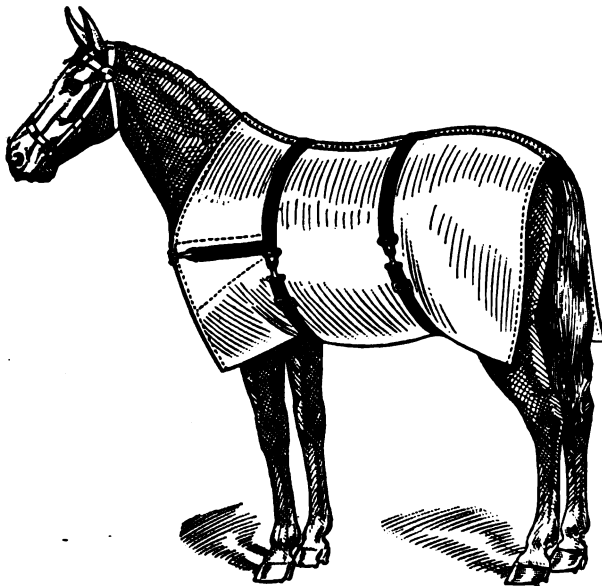


- Per Dozen
- No. 2050—90 inch, Plain Burlap, with Hame and Line Terrets and Ear Holes.....
- No. 2051—100 inch, Plain Burlap, with Hame and Line Terrets and Ear Holes.....



- Per Dozen
- No. 94—90 inches, White Woven, Fancy Striped Osna-burg Cloth
- No. 95—100 inches, with Woven Fancy Striped Osna-burg Cloth

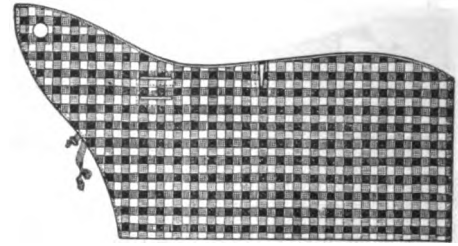
STABLE SHEETS



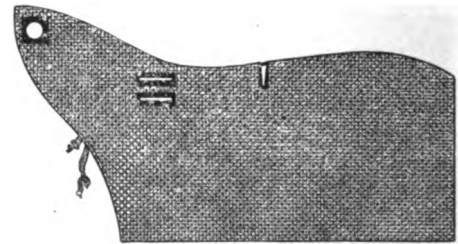
Common.

- No. 15—72 inches, Plain Burlap
- No. 16—76 inches, Plain Burlap
- No. 23—72 inches, Brown Duck
- No. 24—76 inches, Brown Duck

Each

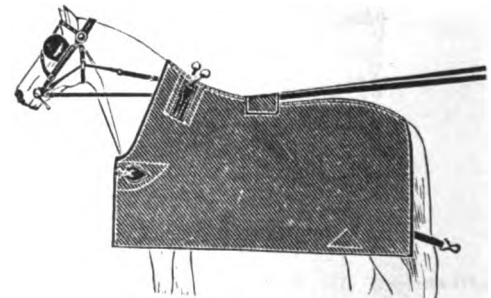


- Per Dozen
- No. 98—90 inches, Black and Orange, Checkered, Woven Plaid
- No. 99—100 inches, Black and Orange, Checkered, Woven Plaid



- Per Dozen
- No. 112—90 inches, Heavy Straight Weave Plain Ochre Fancy Netting
- No. 113—100 inches, Heavy Straight Weave Plain Ochre Fancy Netting
- No. 124—90 inches, Ochre Color, Brussels Style Covers
- No. 125—100 inches, Ochre Color, Brussels Style Cover
- No. 125½—110 inches, Ochre Color, Brussels Style Cover
- No. 186—90 inches, Ochre Color, Super Quality Brussels Cover
- No. 187—100 inches, Ochre Color, Super Quality Brussels Cover

RAIN OR STORM COVERS



Our Covers are Made from the Very Best Grade of Material, and we Guarantee them to Fit Perfectly.

- Per Dozen
- No. 84—Double Filled No. 10 White Duck, 36 inches Deep
- No. 86—Double Filled No. 8 White Duck, 33 inches Deep
- No. 88—Double Filled No. 8 White Duck, 36 inches Deep
- No. 96—Extra Quality Brown Army Waterproof Cloth, 28 inches Deep.....
- No. 95—Extra Quality Brown Army Waterproof Cloth, 37 inches Deep.....

Note—Ask for Special Catalog and Price List.

STABLE SHEETS**"PERFECT FIT"**

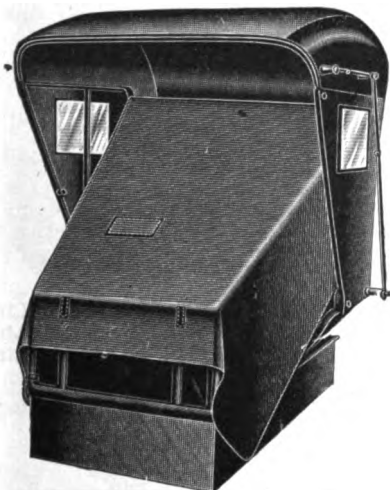
Shaped to Fit the Horse, Two Surcingles.

The "Perfect Fit" Sheets are what the Name Implies, an Absolutely Perfect Fit, Well Made and the Best Finished Sheet on the Market.

Sizes	22	24	26
For Horses, Lbs....	750 to 900	900 to 1100	1100 to 1300

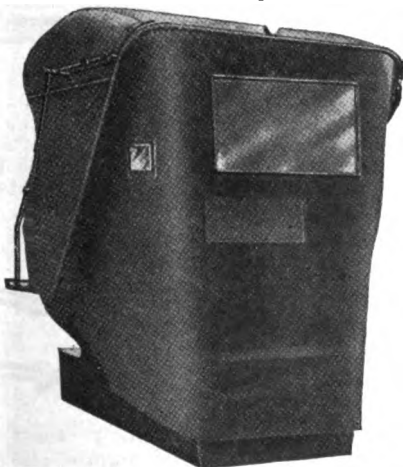
Sizes	28	30
For Horses, Lbs....	1300 to 1450	1450 to 1550
		Each

No. 504—Heavy Plain Burlap.....
 No. 518—Plain Brown Duck.....
 No. 120—Heavy Plain White Duck.....
 No. 125—Heavy Plain Brown Duck.....
 Note—State Size Wanted.

DASH APRONS AND STORM FRONTS

No. 30—50x52 inches, Black Waterproof Duck.....

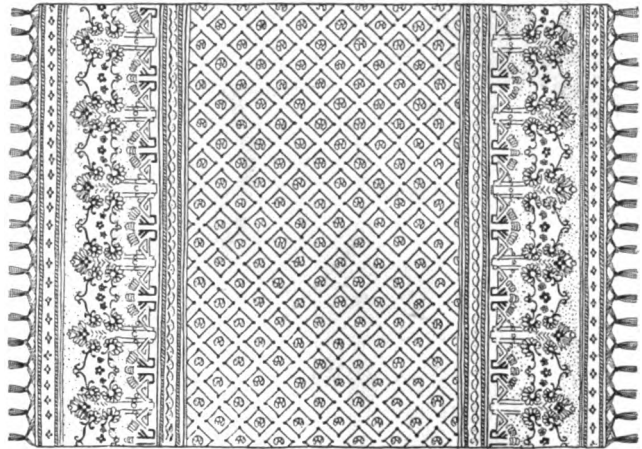
Per Dozen



No. 25—Storm Front, 22 Oz. Black Oiled Drill, Fleece Lined

Per Dozen

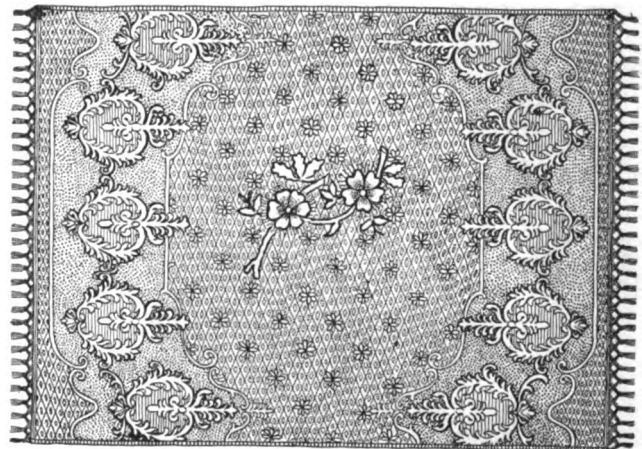
Note—Ask for Special Catalog and Price List.

DUSTERS**NOT EMBROIDERED**

Plain Momie Cloth, with Knotted Fringe.

Each

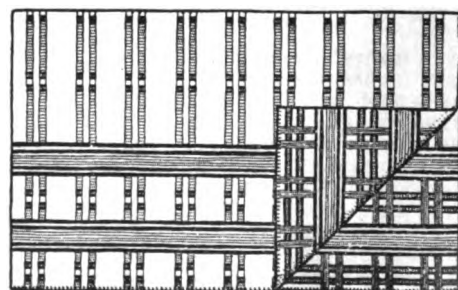
No. 12.....	
No. 16.....	
No. 19.....	
No. 26.....	
No. 47.....	

EMBROIDERED

Fancy Embroidered Momie Cloth, with Knotted Fringe.

Each

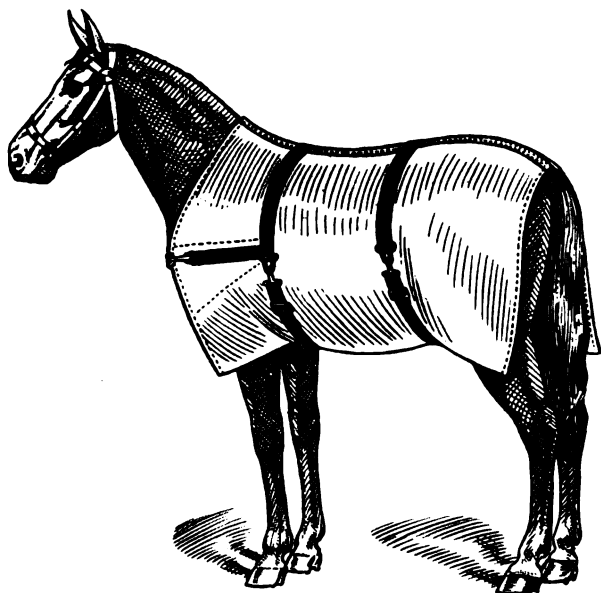
No. 112.....	
No. 116.....	
No. 119.....	
No. 136.....	
No. 146.....	

WOOL AUTO ROBES

Each

Palmer—60x84 inches, About 5 Lbs.....
Los Vegas—60x84 inches, About 5 Lbs.....
Stillwell—60x84 inches, About 5 Lbs.....

STABLE BLANKETS



Heavy Plain Burlap.

Each

- No. 500 —72 inches, One-half Fabric Lined.....
 No. 500 1/4 —76 inches, One-half Fabric Lined.....
 No. 500 1/2 —80 inches, One-half Fabric Lined.....
 No. 520 —72 inches, Full Short Lined.....
 No. 520 1/4 —76 inches, Full Short Lined.....
 No. 520 1/2 —80 inches, Full Short Lined.....

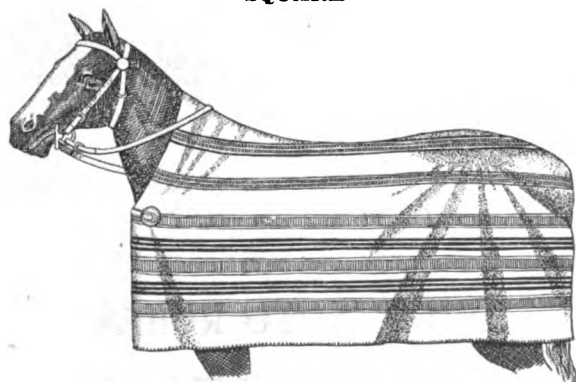
Heavy Brown Duck.

- No. 700 —72 inches, One-half Fabric Lined.....
 No. 700 1/4 —76 inches, One-half Fabric Lined.....
 No. 700 1/2 —80 inches, One-half Fabric Lined.....
 No. 720 —72 inches, Full Short Lined.....
 No. 720 1/4 —76 inches, Full Short Lined.....
 No. 720 1/2 —80 inches, Full Short Lined.....
 No. 75 —72 inches, Full Fabric Lined.....
 No. 75 1/4 —76 inches, Full Fabric Lined.....
 No. 75 1/2 —80 inches, Full Fabric Lined.....

These Blankets are made from best material, full weight and carefully finished.

HORSE BLANKETS

SQUARE

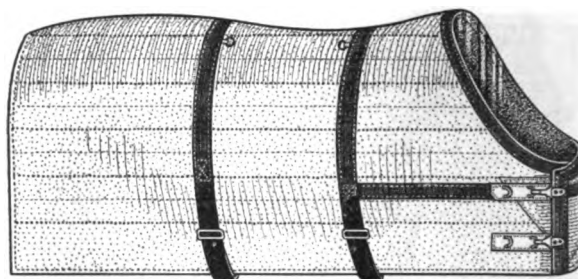


Each

- Pusher—76x80 inches, 5 Pound.....
 Pusher—80x84 inches, 6 Pound.....
 Puritan—80x84 inches, 6 Pound.....
 Puritan—84x90 inches, 7 Pound.....
 Wasp—84x90 inches, 8 Pound.....
 Cedar Rapids—80x84 inches, 6 Pound.....
 Cedar Rapids—84x90 inches, 7 Pound.....
 Walker—80x84 inches, 6 Pound.....
 Walker—84x90 inches, 7 Pound.....
 La Porte—80x84 inches, 6 Pound.....
 La Porte—84x90 inches, 7 Pound.....
 Elgin—80x84 inches, 6 Pound.....
 Elgin—84x90 inches, 7 Pound.....
 Illinois—80x84 inches, 6 Pound.....
 Illinois—84x90 inches, 7 Pound.....

STABLE BLANKETS

THREE-IN-ONE



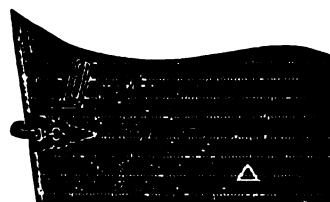
All Blankets under this Heading are Made 80 inches Long, with 3 Adjustments in Neck to Make Smaller.

20 Rows Stitched.

Each

- No. 160—80 inches, Plain Burlap, Plain Fabric Lined.
 No. 162—80 inches, Heavy Brown Duck, Plain Fabric Lined

STORM BLANKETS



On all Storm Blankets, if Trace Carriers are Wanted, Add 1/4 to Number.

On all Storm Blankets, if Trace Carriers and Hame Leathers are Wanted, Add 1/2 to Number.

Brown Duck.

Each

- No. 295—80x80 inches, Plain Fabric Lined.....
 No. 296—80x84 inches, Plain Fabric Lined.....

Heavy Brown Duck.

Each

- No. 304—80x84 inches, Plain Fabric Lined.....
 No. 305—84x84 inches, Plain Fabric Lined.....

Heavy Mode Duck.

Each

- No. 312—80x84 inches, Fancy Print Fabric Lined...
 No. 313—84x84 inches, Fancy Print Fabric Lined...
 No. 314—90x84 inches, Fancy Print Fabric Lined...
 No. 326—80x84 inches, Pusher Woven Lined.....
 No. 327—84x84 inches, Pusher Woven Lined.....

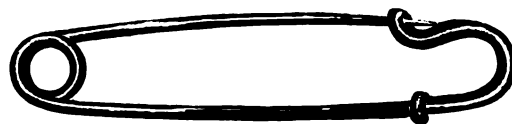
SURCINGLES



Per Dozen

- No. 5—2 1/2 inch, Fancy Cotton Web, 7 feet.....
 No. 8—3 1/2 inch, Fancy Cotton Web, 7 feet.....
 No. 10—4 inch, Fancy Cotton Web, 7 feet.....
 No. 56—4 inch, Maroon Back Band Web, 8 feet...
 No. 57—4 inch, White Back Band Web, 8 feet....

BLANKET PINS



Standard Safety.

Per Dozen

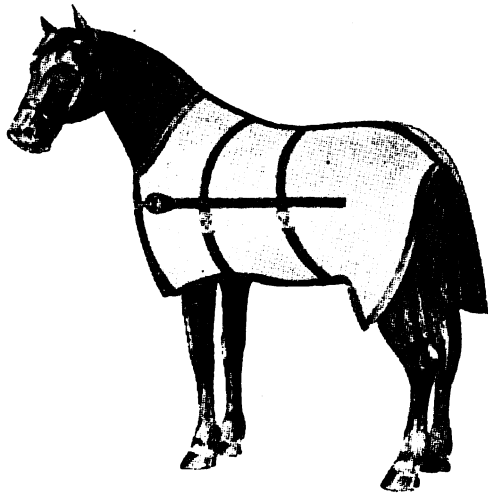
- No. 110—Steel Wire, Nickel Plated.....

One Dozen in a Carton.

Note—Ask for Special Catalog and Price List.

STABLE BLANKETS

"PERFECT FIT"



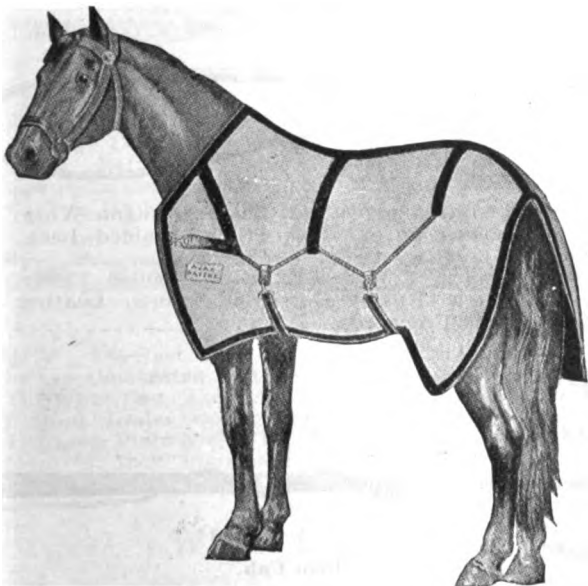
All Our "Perfect Fit" Blankets are what the Name Implies, an Absolutely Perfect Fit, Well Made, and the Best Finished Blanket on the Market.

Size 22 Will Fit 750 to 900 Lb. Horse.
 Size 24 Will Fit 900 to 1100 Lb. Horse.
 Size 26 Will Fit 1100 to 1300 Lb. Horse.
 Size 28 Will Fit 1300 to 1450 Lb. Horse.
 Size 30 Will Fit 1450 to 1550 Lb. Horse.

- No. 129—Tan Duck, Plain Fabric Lined, 2 inch Surcingles, Well Trimmed.....
 No. 130—Brown Duck, Printed Fabric Lined, Well Trimmed

Each

AJAX



This is the Only Stable Blanket that Will Fit Perfectly Any Size or Shape Horse; is the Most Easily Adjusted, and the Only Stable Blanket Made whose Girths and Surcingles will not Pull Off. Will Outwear Three of Any Other Style Stable Blanket.

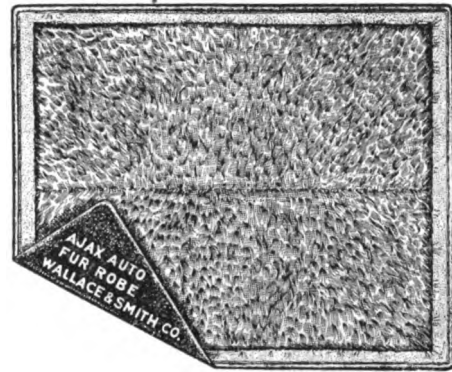
Size 22 Will Fit 750 to 900 Lb. Horse.
 Size 24 Will Fit 900 to 1100 Lb. Horse.
 Size 26 Will Fit 1100 to 1300 Lb. Horse.
 Size 28 Will Fit 1300 to 1450 Lb. Horse.
 Size 30 Will Fit 1450 to 1550 Lb. Horse.

Each

- No. 229—Tan Duck, Plain Fabric Lined, 2 inch Surcingles, Well Trimmed.....
 No. 230—Brown Duck, Printed Fabric Lined, Well Trimmed

Note—Ask for Special Catalog and Price List.

FUR ROBES



Each

- No. 8—54x66 inches, Grey Goat, Green Plush Lined..
 No. 14—60x70 inches, Grey Goat, Green Plush Lined..
 No. 47—54x66 inches, Black Imitation Bear, Green Plush Lined

No. 48—60x70 inches, Black Imitation Bear, Green Plush Lined

No. 41—54x66 inches, Brown Imitation Bear, Green Plush Lined

No. 42—60x72 inches, Brown Imitation Bear, Green Plush Lined

MONTANA ROBES

Each

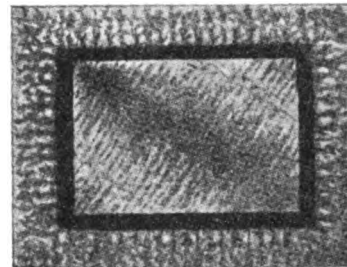
- No. 1485—54x62 inches, Brown Face

No. 1486—54x62 inches, Black Face

No. 1489—54x72 inches, Brown Face

No. 1490—54x72 inches, Black Face

PLUSH LAP ROBES



Each

- No. 7—50x60 inches, Double Plush Black Back, Green or Brown Face.....
 No. 18—54x66 inches, Otherwise as No. 7.....
 No. 11—54x72 inches, Otherwise as No. 7.....
 No. 9—50x60 inches, Double Plush Black Back, Green or Brown Face, Rubber Interlined.....
 No. 10—54x66 inches, Otherwise as No. 9.....
 No. 19—48x60 inches, Rubber on One Side, Green Plush on Other Side.....
 No. 21—54x66 inches, Otherwise as No. 19.....
 No. 39—Fancy Face, Black Back.....
 No. 41—Fancy Face, Black Back.....
 No. 48—Fancy Face, Black Back.....
 No. 51—Fancy Face, Black Back.....

SPECIAL ROBES

MALTA—Grey Covert Cloth Face, Palmer Cloth Back.

Each

- Size A—50x60 inches

Size B—54x66 inches

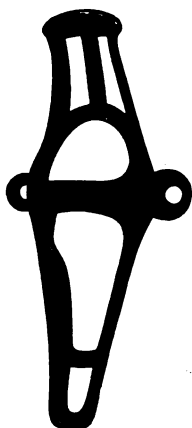
Size C—54x72 inches

RAINING—Brown Storm King Paraffine Face, Palmer Cloth Back.

Each

- Size 54x60 inches.....

WHIP SOCKETS



No. 53.



No. 39.

For Wood Dash or Road Carts.

No. 53—Malleable Iron, Japanned Skeleton, 6 inches Long Per Dozen \$1.00

For Leather Dash.

No. 39—Malleable Iron, Japanned Skeleton, Adjustable Front, 7 inches Long..... Per Dozen \$1.00
One Dozen in a Box.



No. 15.



No. 65.

For Leather Dash.

No. 15—Metal Tube, Japanned, Inside Spring, Band Fastenings with Bolt, 7 inches Long..... Per Dozen \$2.00

For Leather Dash.

No. 65—All Wood, Enameled Black, Rubber Ring, Nickel Band Fastening with Bolt, 7 inches Long..... Per Dozen \$2.25
One Dozen in a Box.

WHIP RACKS

COOLEY'S.



No. 06 as a Side Wall Rack.

No. 06—Round, with Top Ring, Malleable Iron, 12 inches Diameter, Holds 175 Whips..... Per Dozen \$14.00
This Rack is made in two parts, each part being a half circle, and can be used as a Circular Rack, or each half can be used as a Side Rack.

Weight Per Dozen 33 Pounds.
One Dozen in a Box.



No. 5001—Length 4 1/2 feet, All Leather Wagon Whip, Oiled Tanned Cover, Buck Stitch, Braided Lash, Leather Loop Per Dozen \$17.00
No. 5046—Length 6 feet, All Leather, Oiled Cover, Buck Stitch, Russet Horsehide Points, Leather Loop, Buck Cracker 15.00

CAB WHIPS

BLUE LEATHER LINE.



Java Cab.

No. 20C—3 feet Solid Leather Drop Top Lining, 2 3/4 feet Lace Leather Snap, 4 Plait Blue and Black Cover, Japanned Cap, 2 Combination Buttons..... Per Dozen \$2.40



Loaded Java Coach.

No. 35C—3 feet Solid Leather Drop Top Lining, 5 feet Lace Leather Snap, 4 Plait Blue and Black Cover, Loaded Cap, 2 Combination Buttons..... Per Dozen \$4.20

No. 761—Java Express, Straw Color, Four Plait, Plain Head, 2 1/2 foot Drop, Loop Snap..... Per Dozen \$2.40



Java Cab.

No. 25C—3 feet Solid Leather Drop Top Lining, 3 1/4 feet Lace Leather Snap, 4 Plait Blue and Black Cover, Japanned Cap, 2 Purple Combination Buttons Per Dozen \$3.00



Prime Java Cab.

No. 50C—3 1/2 feet Drop Top, Solid Leather Lining from Snap to Cap, 3 1/2 feet Twisted Buck Snap, 4 Plait Blue and Black Cover, Japan Cap, 2 Long Combination Buttons Per Dozen \$6.00

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BUGGY WHIPS

RED RAWHIDE LINE

Most Durable Line on the Market.



- No. U25—6 feet Long, Black Color, Extra Quality Java, Fine Finish, Cap Load, 2 Long Combination Buttons, Double Cover, Loaded, Boston Snap.....\$3.00

Per Dozen



- No. U50—6 feet Long, Black Color, Full Stock, Celebrated Rawhide from Snap Through Cap, Loaded, 2 Long Russet Buttons, Philadelphia Snap.....\$6.00

Per Dozen



- No. U75—6 feet Long, Black Color, Celebrated Red Rawhide from Snap Through Cap, Loaded, Waterproof Lining, Japanned Cap, Three Fine Chased Buttons, English Braided Snap.....\$9.00

Per Dozen



- No. U100—6 feet Long, Black Color, Full Stocked, Celebrated Red Rawhide from Snap Through Cap, Loaded, Double Cover and Wire Plaited Under Cover, Rubber Cap, 3 Black Thread Buttons, Reinforced English Braided Snap.....\$12.00

Per Dozen



- No. U125—6 feet Long, Black Color, Heavy Celebrated Red Rawhide Center from Snap Through Cap, Loaded, Double Cover and Wire Plaited Under Cover, Reinforced Loop, Rubber Cap, 2 Long Hand-Braided Russet Thread Buttons, Reinforced English Braided Snap.....\$15.00

Per Dozen



- No. U150—6 ½ feet Long, Black Color, Full Stocked, Heavy Celebrated Red Rawhide Center from Snap Through Cap, Loaded, Double Cover and Wire Plaited Under Cover, Reinforced Double Loop, 1 ¾ inch Plain Nickel Head, One 1 ½ inch and Sixteen ¾ inch Plain Nickel Ferrules, Reinforced English Braided Snap.....\$18.00

Per Dozen

WHIP LASHES



No. 1000—Round Leather.

- Length, Feet 4 ½ 6
Per Dozen \$1.40 1.80

No. 1002—White Horsehide, 4 Plait.

- Length, Feet 4 ½ 6
Per Dozen \$2.75 3.50

WHIP STOCKS



White Turned Hickory.

- Length, Feet 4 4 ½ 5
Per Dozen \$2.00 2.25 2.50

OUR SPECIAL LINE

Best Material and Workmanship.



- No. 20B—5 ½ feet Long, Java, Black Color, Waterproof Finish, Round End, Boston Snap.....\$1.80

Per Dozen



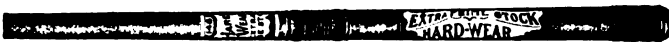
- No. 135—6 feet Long, "The Flirt," Extra Java, Loaded Butt, Black, Wine and Amber Colors, Packed Assorted, ¾ inch Fancy Chased Head and Button, Metal Cap, Boston Snap.....\$3.60

Per Dozen



- No. B25C—6 feet Long, "Pilot," Full Stock Java, Oil Filled, Black Color, ¾ inch Chased Head and Button, Rubber Cap, Boston Snap.....\$3.00

Per Dozen



- No. 148B—6 feet Long, "Full Stock, Loaded Butt Special," Black Color, ¾ inch Chased Head and Button, Rubber Cap, Boston Snap.....\$4.20

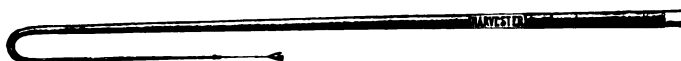
Per Dozen



- No. 069—6 feet Long, "Little Giant," Steel Center, Butt Rawhide, Black Color, 6 Stitch Thread Butt Head and Button, Rubber Cap, Philadelphia Snap.....\$7.20

Per Dozen

HARVESTER WHIPS



One Piece, no Connection.

- No. 1246—15 feet Long, Black Color, Thread Cover, 1 inch Nickel Head, Drop Top.....\$9.00
No. 1239—12 feet Long, Bamboo.....\$4.20

Per Dozen



One Piece, no Connection.

- No. 1242—12 feet Long, Black, Wine and Orange Stock, White Thread Drop Top.....\$7.20

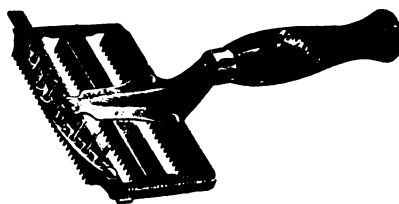
Per Dozen

CURRY COMBS

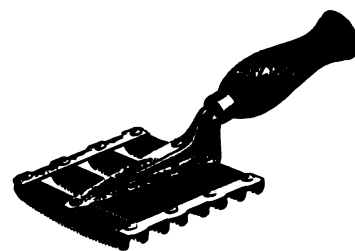
OPEN BACK.



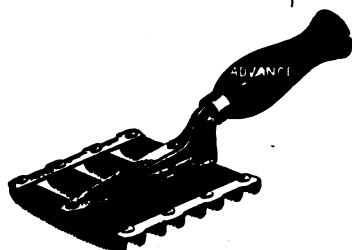
No. 000—6 Bars, Steel, Brass Ferrule, Black Enameled Handle, Shank Runs Through Handle and Riveted\$1.00
One Dozen in a Box.



No. 314—6 Bars, Steel, Lacquered, Steel Mane Comb, Brass Ferrule, Black Enameled Handle, Shank Running Through Handle and Riveted.....\$1.60
Weight Per Dozen 6 Pounds.
One Dozen in a Box.



No. 116—6 Bars, Steel Lacquered, Steel Side Knockers, Trowel Shank Runs Through Handle and Riveted, Brass Ferrules, Black Enameled Handle\$2.20
One Dozen in a Box.

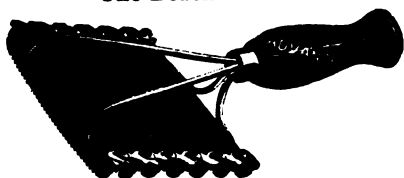


No. 23—8 Bars, Steel, Tinned, Steel Side Bar Knockers, Trowel Shank Runs Through Handle and Riveted, Brass Ferrule, Black Enameled Handle.....\$2.20
Weight Per Dozen 7 1/2 Pounds.
One Dozen in a Box.

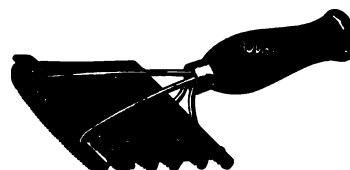


No. 12—6 Bars, Cold Rolled Steel, Lacquered, Wire Shank Runs Through Handle and Riveted, Brass Ferrule, Black Enameled Handle.....\$1.80
Weight Per Dozen 8 Pounds.
One Dozen in a Box.

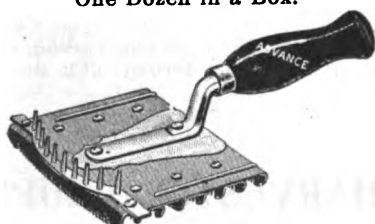
CLOSED BACK



No. 330—6 Bars, Steel, Lacquered, Wire Grasp Shank Runs Through Handle and Riveted, Brass Ferrule, Black Enameled Handle.....\$2.20
Weight Per Dozen 10 Pounds.
One Dozen in a Box.



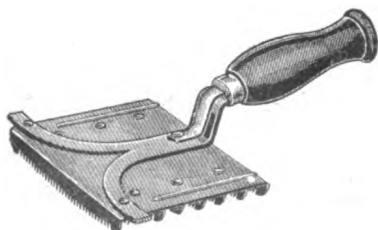
No. 500—8 Bars, Best Cold Rolled Steel, Lacquered, Wire Shank Runs Through Handle and Riveted, Brass Ferrule, Black Enameled Handle.....\$2.20
Weight Per Dozen 7 Pounds.
One Dozen in a Box.



No. 399—8 Bars, Steel, Lacquered, Steel Mane Comb, Trowel Shank Runs Through Handle and Riveted, Brass Ferrule, Black Enameled Handle.....\$2.20
Weight Per Dozen 11 Pounds.
One Dozen in a Box.



No. 532—6 Bars, Steel, Lacquered, Steel Mane Comb, Steel Shank Runs Through Handle and Riveted, Brass Ferrule, Black Enameled Handle.....\$2.20
Weight Per Dozen 9 Pounds.
One Dozen in a Box.



No. 89—8 Bars, Best Rolled Steel, Lacquered, Shank Runs Through Handle and Riveted, Brass Ferrule, Extra Brace, Black Enameled Handle.....\$2.40
No. 4—Same as No.89, but Beautiful Rustless Finish... 4.50
Weight Per Dozen 10 Pounds.
One Dozen in a Box.

SELF-CLEANING



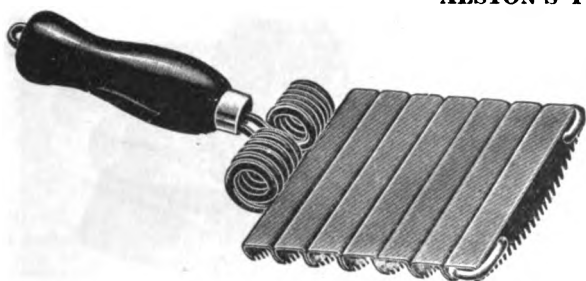
No. 44—8 Bars, Steel, Lacquered, Steel Shank Running Through Handle and Riveted, Brass Ferrule, Black Enameled Handle\$3.50

A slight pressure of the thumb throws open the cleaner, cleaning the teeth of all hair and dirt.

One Dozen in a Box.

CURRY COMBS

ALSTON'S PATENT CLOSED BACK

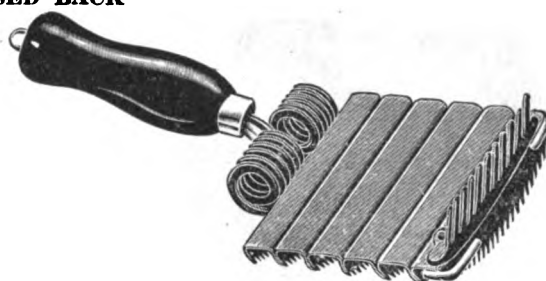


Without Mane Comb.

No. 90—7 Bars, Spring Handle, All Steel, Lacquered,
Black Enameled Handle.....**\$3.00**

These Combs always comb to a level; every tooth is working and wears alike. Spring is of one continuous piece of spring steel wire; cannot be bent or broken.

One Dozen in a Box.



With Mane Comb.

No. 95—7 Bars, Spring Handle, All Steel, Lacquered,
Black Enameled Handle with Mane Comb.....**\$3.60**

REVERSIBLE



No. 15—Improved Arc, 4 Blued Steel Circular Spring
Steel Bars, Malleable Shank, Carmine Handle, Two
Faced Teeth**\$3.50**

This Comb can be reversed by taking the handle in the right hand and the comb in the left hand with the fingers of the left hand astride the shank, pull back with the right, and at the same time twist the handle to the right or left which will reverse the comb.

One Dozen in a Box.

REFORM

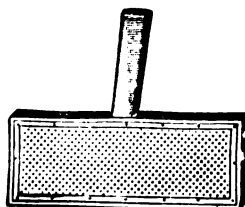


No. 7—Reform, 6 1/2 x 4 1/4 inches, 3 Shallow Cold Rolled
Steel Trays, Riveted, Brass, Lacquered, Heavy
Russet Strap**\$2.50**

Will clean with equal thoroughness a short coat or the long, furry ones incident to the winter season, as not the smallest part of the coat can escape the many teeth, which, however, will not irritate the most sensitive skin nor will they otherwise injure the brush. It is self cleaning, a gentle tap on the face will rid it of all the dirt.

One Dozen in a Box.

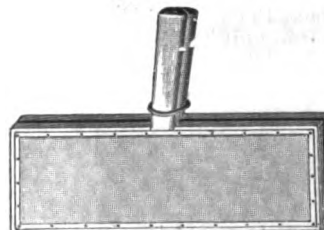
CURRY CARDS



No. 4—5 3/4 x 3 1/2 inches, Leather Face.....**\$2.10**
No. 2—8 1/4 x 3 1/2 inches, Leather Face.....**2.40**
Open Stock.

Per Dozen

WOOL CARDS



No. 8B—9 1/4 x 4 1/2 inches, Leather Face.....**\$8.00**
One Dozen Pairs in a Case.

Per Dozen Pairs

HORSE BRUSHES

LEATHER BACK



With Heavy Leather Strap.

No. 103—Black Tampico Center, Outside Row White,
9 Rows, Plain Patent Leather Back.....**\$3.60**
No. 84—Heavy White and Grey Tampico Center, Outside
Rows Black Bristles, 13 Rows, Embossed Back.... **7.80**
One-half Dozen in a Box.

Per Dozen



With Heavy Leather Strap.

No. 40—Heavy Mixed Gray Tampico Center, Outside
Row Gray Bristle, 15 Rows, Embossed Back, Oval
Face**\$10.20**
No. XX—All Black Bristles, 15 Rows, Embossed Red
Leather Back **12.00**
One-half Dozen in a Box.

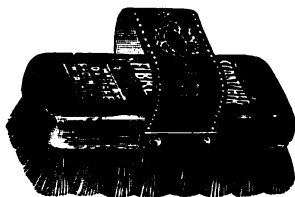
Per Dozen

HORSE BRUSHES

SOLID BACK, WITH LEATHER STRAPS

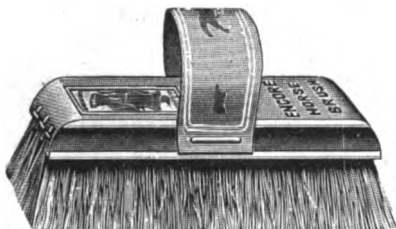


No. 830—Busy Bee, Ox Fibre, Polished and Varnished Block, Face $8\frac{1}{2} \times 4$ inches, Heavy Embossed Leather Strap **\$4.00**
 Per Dozen
 One Dozen in a Box.



No. 080—Scratcher, Ox Fibre, Polished and Varnished Block, Face $6\frac{3}{4} \times 3$ inches, Embossed Leather Strap. **\$3.00**
 Per Dozen
 One Dozen in a Box.

SOLID BACK, WITH LEATHER STRAP



No. 114—Encore, 3 Rows, India Palmetto, Polished and Varnished Block, Face $7\frac{3}{4} \times 3$ inches, Leather Strap. **\$2.75**
 Per Dozen
 One-half Dozen in a Box.



ALL WIRE



With Leather Strap.

No. 172—Tempered and Plated Steel Wire, Very Pliable, Polished Wood Block Oval Shape, Leather Strap **\$9.60**
 Per Dozen

The stock farmer adopts this brush on sight. It goes right to the hide without scratching.

One Dozen in a Box.

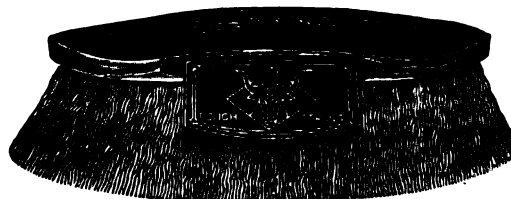


No. 480—Tacoma, India Palmetto Fibre, Polished Oval Block, Face $8\frac{1}{2} \times 4\frac{1}{2}$ inches, Heavy Leather Strap. **\$3.60**
 Per Dozen
 One-half Dozen in a Box.



No. 98—Diamond, Palmetto Fibre, White Center, Polished and Varnished Diamond Shaped Block, Heavy Leather Strap **\$3.00**
 Per Dozen
 New large and attractive shape, will do more work than the old style, especially around the fetlock.
 One Dozen in a Box.

SOLID BACK



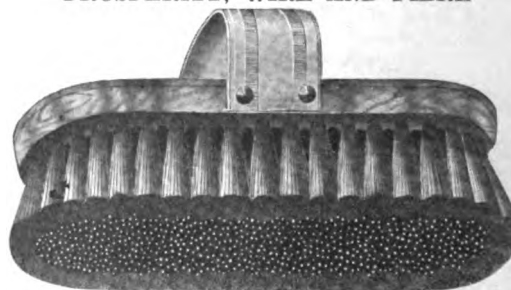
No. 225—Setter, Kittool Fibre, Solid Oval Block, Face $11\frac{1}{2} \times 4\frac{1}{2}$ inches, with Leather Flap on Side, Length of Root 2 inches Out of Block. **\$9.00**
 Per Dozen
 One Dozen in a Box.

"DANDY" ALL WIRE

For Mane or Tail, Works Easy, Animals Like It.

No. 170—Tempered and Plated Steel Wire, Very Pliable, Heavy Polished and Varnished Wood Block, Attractive Pattern, Face $9\frac{1}{4} \times 2$ inches. **\$9.60**
 Per Dozen
 One in a Box.

PROSPERITY, WIRE AND FIBRE



With Leather Strap.

No. 102—Fine Plated Carbon Steel Center, Best Quality Dressed Black Tampico Outside Rows, Black Walnut Finish Oval Shaped Block, Grain Leather Strap **\$12.00**
 Per Dozen

A Crackerjack for Mane and Tail.
 One Dozen in a Box.

SLEIGH BELLS

SHAFT CHIMES



Small Cup Chime.

No. 10—3 Wrought Steel Bells, Rolled Steel Finish,
Enameled Steel Strap.....**\$0.70** Per Pair



Mikado Chime.

No. 36—3 Cast Bell Metal Bells, Silver White Finish,
Enameled Steel Strap**\$1.50** Per Pair



Beaded Gong Chime.

No. 27—3 Cast Bell Metal Bells, Silver White Finish,
Enameled Steel Strap**\$1.75** Per Pair



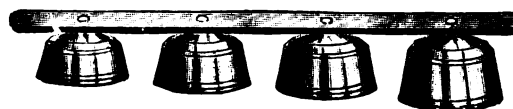
Graduated Cup Chime.

No. 240—4 Wrought Steel Bells, Nickel Plated, Enam-
eled Steel Straps.....**\$1.75** Per Pair



Graduated Band Chime.

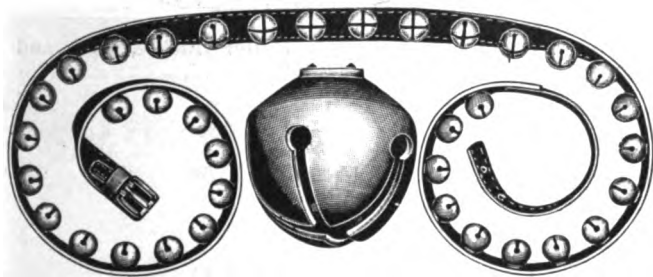
No. 66—4 Wrought Brass Bells, Nickel Plated, Enam-
eled Steel Strap**\$3.00** Per Pair
All Above, One Pair in a Box.



Large New Band Chime.

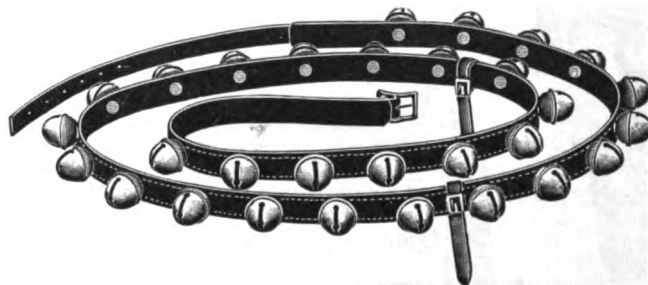
No. 072—4 Pure Bell Metal Bells, Nickel Plated, Har-
monized, Brass Plated Strap.....**\$3.75** Per Pair
All Above, One Pair in a Box.

BODY STRAPS



Arctic, Wrought Steel.

No. 792—20 1 1/4 inch Bells, Rolled Nickel Plated, Plain
Black Harness Leather Straps, Buckle and Billet
Riveted to Strap**\$2.75** Per Strap
No. 1206—36 1 3/8 inch Bells, Otherwise Same as No. 792 **\$3.75**



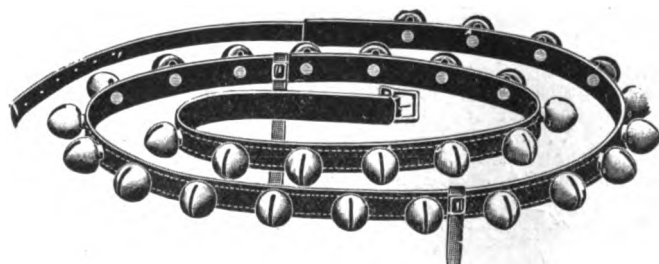
Wrought Steel.

No. 844—30 1 1/4 inch Bells, Rolled Nickel Plated, on 1
inch Plain Black Harness Leather Strap, Bells,
Buckle and Billet Riveted to Strap.....**\$3.10** Per Strap



Extra Smooth Polished, Band.

No. 573—30 No. 2 Bells, Silver White Finish, Riveted
on Polished Black Leather Strap, with Buckle and
Billet **\$5.00** Per Strap



Extra Smooth Polished, Globe.

No. 496—30 No. 2 Bells, Nickel Plated, Riveted on Pol-
ished Black Leather Strap, with Buckle and Billet..**\$6.00** Per Strap

All Above, One Strap in a Package.

COW BELLS

NAVAJO



Wrought Steel, Copper Plated, Broad Steel Loop, Cross Tongue,
Warranted not to Crack.

Nos.	★05	★06	13
Diameter, Inches	2 1/2	2 7/8	3 3/8
Per Dozen	\$1.70	2.50	3.00
Nos.	17	19	15
Diameter, Inches	4	4 1/2	5
Per Dozen	\$5.00	5.50	6.50

★Nos. 05 and 06 are adapted for sheep and have a cast malleable iron loop.

Open Stock.

SWISS

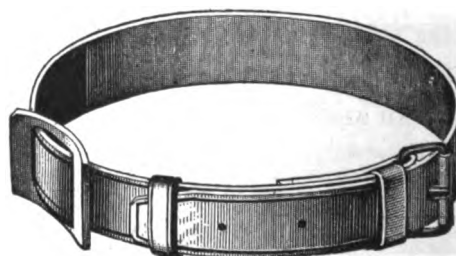


Swiss Bell Metal, Not Tuned.

Nos.	S4	S5	S6
Diameter, Inches	4	5	6 1/4
Height, Inches	3	4	5
Per Dozen	\$17.00	26.00	50.00

Open Stock.

COW BELL COLLARS OR STRAPS



Chrome Leather, Good Stock, Roller Buckle, Loop and Slide Chafe.

Nos.	1	2	3	4
Width, Inches	1 1/2	1 3/4	2	1 3/4
Length, Inches	36	36	36	42
Per Dozen	\$5.00	5.50	6.00	6.00

Open Stock.

BLUM'S GENUINE KENTUCKY



Standard Sizes

Nos.	0	1	2	3
Height without Loop, In..	7	6 1/2	5 3/4	5
Length at Mouth, In....	6	5 1/2	5	4 1/2
Width at Mouth, In....	3 3/8	3 1/2	3 1/8	2 7/8
Per Dozen	\$12.00	10.00	8.00	6.00
Nos.	4	5	6	7
Height without Loop, In..	4 1/4	3 1/2	2 7/8	2 3/8
Length at Mouth, In....	3 3/4	3 1/4	2 3/4	2 3/8
Width at Mouth, In....	2 1/2	2 3/8	2 1/8	1 3/4
Per Dozen	\$5.00	4.00	3.00	2.50

We call attention to the fact that Blum's Genuine Kentucky Stock Bells are warranted standard size, superior in shape, tone and finish to all others.

Open Stock.

SHEEP BELLS

With Strap.

No.	S2
Size of Mouth, Inches.....	1 3/4
Per Dozen	\$3.50

Open Stock.



No. S2.

OPEN HOUSE BELLS

White Metal, Polished.

Nos.	1	2	3
Diam., Inches.	2 1/8	2 3/8	2 1/2
Per Pound....	\$1.00	1.00	1.00
Nos.	4	5	
Diam., Inches.	3	3 1/4	
Per Pound....	\$1.00	1.00	
Nos.	6	7	
Diam., Inches.	3 1/2	3 3/4	
Per Pound....	\$1.00	1.00	



Nos. 2 to 7.

FARM BELLS



Nos. 1, 2, 3.

CRYSTAL METAL

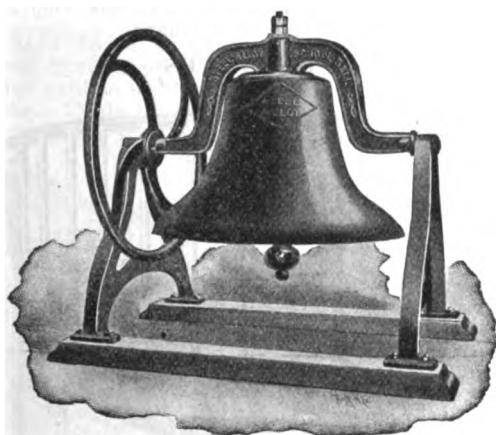
Bell Covered with a Rich Gold Bronze, Hangings Finished in Indestructible Varnish.

Nos.	1	2	3	4
Diameter, Inches	15	17	19	21
Wt. Each, Complete, Lbs..	40	50	75	100
Each	\$4.00	5.00	7.50	10.00



No. 4 Bell.

SCHOOL BELLS



Steel Alloy.

Nos.	20	22	24	26	28
Diameter, Inches...	20	22	24	26	28
Weight Bell, Lbs...	110	122	153	220	294
Wt. Complete, Lbs..	165	205	250	350	450
Each	\$16.00	20.00	25.00	40.00	50.00

CHURCH BELLS



Steel Alloy.

Nos.	30	32	34	36	38
Diameter, Inches..	30	32	34	36	38
Weight Bell, Lbs..	336	388	487	605	660
Wt. Complete, Lbs.	570	640	765	950	1010
Each	\$65.00	75.00	90.00	110.00	125.00
Nos.	40	42	44	48	54
Diameter, Inches..	40	42	44	48	54
Weight Bell, Lbs..	800	915	1062	1430	2060
Wt. Complete, Lbs.	1300	1480	1790	2280	3150
Each	\$150.00	165.00	200.00	250.00	375.00

Note—School and Church Bells are not Carried in Stock and will be Shipped from Factory.

The above price is for bells complete with wood sills and wheels for rope. Tolling hammers furnished for Nos. 30 to 54 without additional charge. Tolling hammers for Nos. 24, 26 and 28 add \$5.00 extra.

FIRE ALARM BELLS



Steel Alloy.

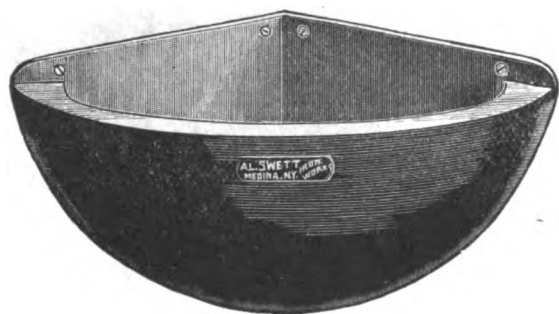
Nos.	130	132	134	136	138
Diameter of Bell, Inches.....	30	32	34	36	38
Weight of Bell Only, Lbs.....	350	400	500	590	660
Weight Complete Outfit, Lbs.....	400	450	550	645	715
Each	\$50.00	60.00	70.00	80.00	100.00
Nos.	140	142	144	148	154
Diameter of Bell, Inches.....	40	42	44	48	54
Weight of Bell Only, Lbs.....	800	915	1190	1450	2100
Weight Complete Outfit, Lbs.....	886	1000	1290	1500	2200
Each	\$120.00	140.00	150.00	200.00	275.00

The above price is for Bell complete with Wood Sills, Bolt with two Washers to secure it to Sills, Double Clapper and two sheaves of Rope Wheels, without rope.

Note—Fire Alarm Bells are not Carried in Stock, and will be Shipped from Factory.

STABLE FIXTURES

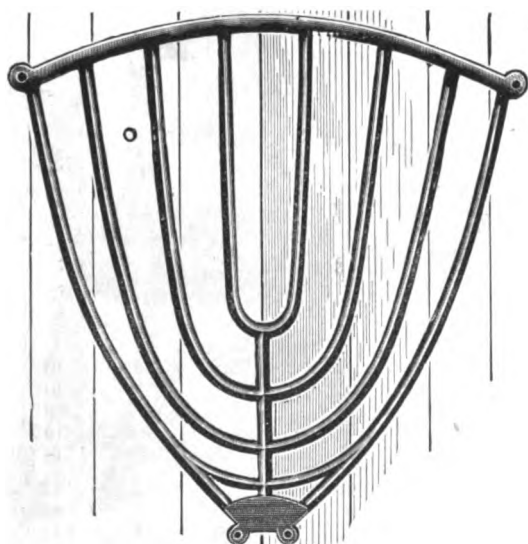
FEED BOXES



Corner.

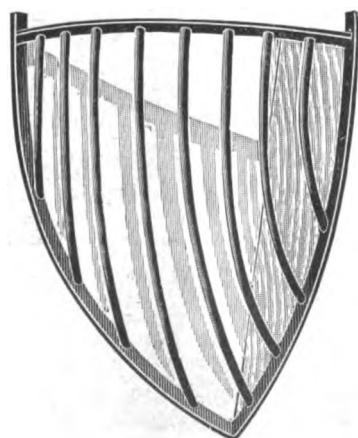
No. 3—Cast Iron, Length on Sides 17 inches, Depth 10 inches, with Food Guard.....**\$26.00**

HAY RACKS



Corner.

No. 4R—Height 25 inches, Project from Corner 22 inches, with Rabbet to Receive Boards for Hay Chute**\$33.00**



Corner.

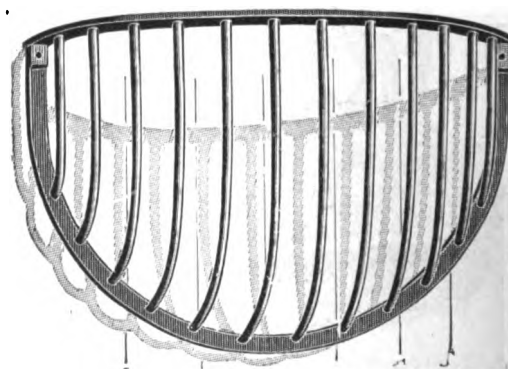
No. 12—Wrought Iron, 1 inch Channel Iron Frame, Height 35 inches, Projects from Corner 24 inches, 1/2 inch Round Bar Uprights, Strong and Rigid....**\$32.00**



Corner.

No. 6—Cast Iron, Length on Sides 17 inches, Depth 10 inches, with Roll Front Food Guard.....**\$30.00**

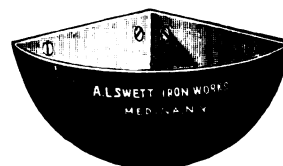
HAY RACKS



Half Circle.

No. 15—Wrought Iron, Width 33 inches, Height 24 inches, Projects from Wall 18 inches.....**\$60.00**

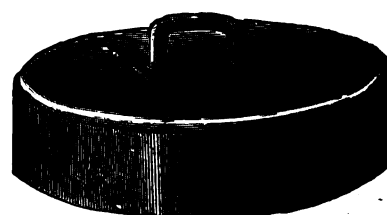
SALT BOX



Corner.

No. 4—Cast Iron, Japanned, Length on Sides 6 inches..**\$7.00**

HITCHING WEIGHTS

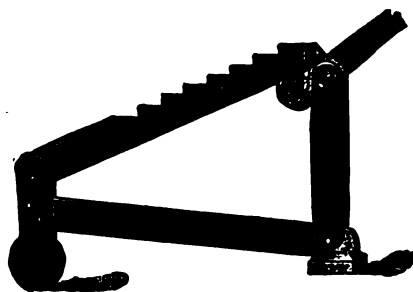


Raised Loop, Japanned.

No. 7—Weight 10, 12, 15, 18, 20, 25, 30, 35, 40 and 50 Lbs.**\$0.08**

JACKS

MILLER WOOD



Each
No. 2M—1½ inch Thick, Capac-
2 Tons\$1.50

Made of hard maple, with steel braces at front, rests in front on a wheel and is pushed under vehicle until the axle rests on notch bar. Folds up close for shipment by removing one bolt.

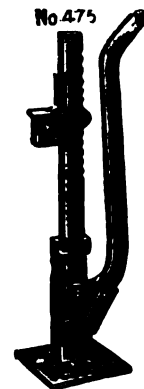
STANDARD



Malleable Iron, Japanned.

No. 1—Lifting Capacity	2,000	Each
Lbs.		\$1.25
No. 2—Lifting Capacity	4,000	
Lbs.	2.00	

Adjustable to any height by sliding the bracket up or down, catching the rivet in any notch. Has a lifting range of 24 inches.

COVERT'S
No 475

Carriage Jack, All Steel, Leather Covered Step.

Per Dozen
No. 475—Lifting Capacity 1,000
Lbs.\$13.50
Weight Each 6 Pounds.

The step being movable, it can be readily adjusted to the height of any axle. It has a direct perpendicular lift.

BARTH

Highest Grade Material and Mechanical Construction.

Double Action, Reversible.

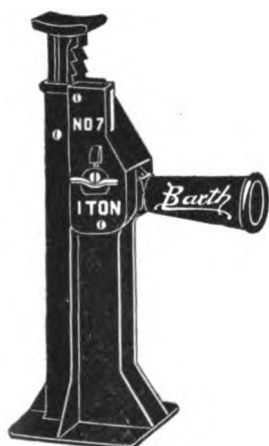
Malleable Iron, Steel Pins, 11 inch
Hardwood Lever, Painted
Aluminum.

No.	7
Capacity, Tons	1
Height, Rack Down, Inches..	10 ½
Raise of Rack, Inches.....	7
Weight Each, Lbs.....	6 ½
Each	\$3.00

Double Action, Reversible.

Malleable Iron, Steel Pins, 11 inch
Hardwood Lever, Painted
Black.

No.	2B
Capacity Tons	1
Height, Rack Down, Inches..	14 ½
Rise of Rack, Inches.....	11
Weight Each, Lbs.....	9
Each	\$3.30



No. 7.



No. 2B.

Double Action, Reversible.

Malleable Iron, Steel Pins, Painted Black.

Nos.	4	5
Capacity, Tons	3	6
Height, Rack Down, Inches....	14	18
Rise of Rack, Inches.....	8	11
Lever Steel I Beam, Feet.....	3	4
Weight Each, Lbs.....	20	33
Each	\$7.50	11.50

Nos. 4 and 5 have Steel I Beam Section Levers.

Double Action, Reversible.

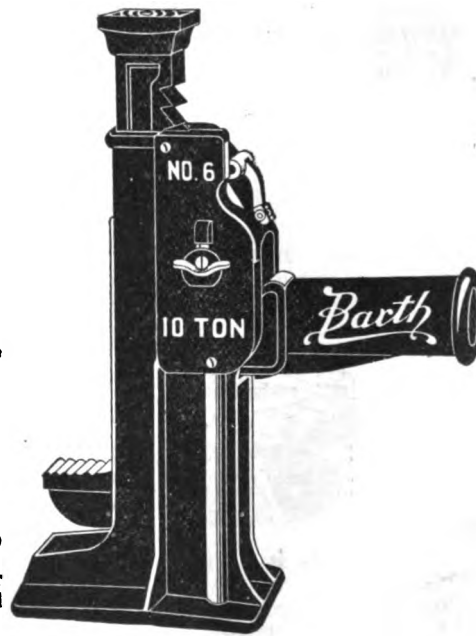
Malleable Iron, Steel Pins, Rack and Pawls Crucible
Steel, Painted Black.

No.	6
Capacity, Tons	10
Height, Rack Down, Inches....	20
Rise of Rack, Inches.....	12
Lever, 2 inch Pipe, Feet.....	5
Weight Each, Lbs.....	68
Each	\$20.00

The mechanical construction, durability and power of the "Barth" Jacks puts them in the lead of all others.



No. 5.
Style of No. 4.



No. 6.

HARNESS OIL BLACKING

BAUM'S MIDNIGHT



No. 50—1 Pint Lithographed Cans.....\$4.50

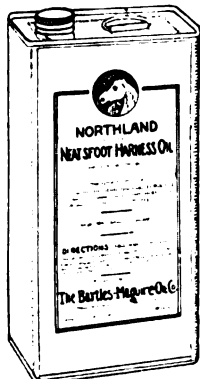
A splendid combination of the best leather oils obtainable from any source.

Colored by new process with permanent dye that will not rub off or soil hands or gloves.

One Dozen in a Box.

NEATSFOOT HARNESS OIL

NORTHLAND



Per Case
One Gallon Cans—Six in a Case...\$6.20
Half Gallon Cans—Twelve in a Case.....7.50
One Quart Cans—Twenty-four in a Case.....8.70
Per Gallon
In Barrels.....\$0.70
In Half Barrels......74

FRAZER



Per Dozen
No. 10—10 Pound Pails.....\$15.00
No. 15—15 Pound Pails.....18.00
No. 25—25 Pound Pails.....28.00

The old reliable and well known brand.

DIAMOND



In Wood Boxes.

Per Gross
No. 35—1 Pound Boxes.....\$13.00
Weight Per Case 57 Pounds.
Four Dozen in a Case.

CARRIAGE TOP DRESSING

STERLING



No. 60—½ Pint Cans.....\$4.50

For renewing worn and faded carriage or auto tops, either leather or rubber.

Its working qualities are marvelous and it is decidedly superior to any other preparation.

One Dozen in a Box.

AXLE OIL

BAUM'S CASTORINE.



Per Dozen
No. 20—1 Pint Cans.....\$4.50
Unrivalled and unapproached by any other lubricant used on iron axles.
Having the greatest wearing qualities, it is by far the most economical oil in use. Perfectly adapted to any climate.
One Dozen in a Box.

OINTMENT
BELGIUM

Per Dozen
No. 2—2 Oz. Tin Box, Retail for 25 Cents.....\$4.00
No. 6—6 Oz. Tin Box, Retail for 50 Cents.....8.00
The only guaranteed general purpose ointment on the market. Handled by all hardware and harness trade. For man or beast.

AXLE GREASE

WADHAM'S GRAPHITE



Per Dozen
One Pound Tin Cans—4 Dozen in a Case.....\$1.60
Three Pound Tin Pails—2 Dozen in a Case.....4.50
Five Pound Tin Pails—1 Dozen in a Case.....7.00
Each
Fifteen Pound Galvanized Pails.....\$1.50
Twenty-five Pound Galvanized Pails.....2.00
Made from best quality Lubricating Oil and Pure Flake Graphite, will not gum.

FRAZER



In Decorated Tin Boxes.

Per Dozen
No. 2—Carriage, 1 Lb. Boxes...\$2.75
Weight Per Dozen 19 Pounds.
One Dozen in a Case.
Per Gross
No. 1—Wagon, 1 Lb. Boxes...\$22.00
Weight Per Case 58 Pounds.
Four Dozen in a Case.

RAPID



In Enameled Tin Boxes.

Per Dozen
No. 3—Light Color, 1 Lb. Boxes...\$1.75
A high quality lubricating oil turned into grease. Soft and oily nature.
Weight Per Case 58 Pounds.
Four Dozen in a Case.

AUTOMOBILE OILS



NORTHLAND

Highest quality, suitable for use in all makes of cars. 1 and 5 gallon cans have spouts and are beautifully lithographed.

Note—Prices in barrel lots are for oil in wooden barrels. See bottom of next page for extras.



NORTHLAND SPECIAL

A highly filtered Pennsylvania oil with very high fire test and with practically no free carbon. Used most successfully on fast running, expensive cars with close fitting bearings. If bearings are not perfectly ground will burn up quickly without residue. Used most successfully on any make of car.

Barrel Lots	Per Gallon, \$0.76
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.80
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.70

NORTHLAND PALE ZERO

Very highly refined oil. Considering refining and lubricating merit there is not a better oil made. Especially adapted for winter use.

Barrel Lots	Per Gallon, \$0.76
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.80
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.70

BARTLES MOBILINE

A very high refined oil. Considering price it is impossible to secure an oil of better lubricating merit.

Can be used in most any make of car with good results.

No. 1—Medium.

Barrel Lots	Per Gallon, \$0.68
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.80
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.20

No. 3—Just a Little Lighter in Consistency than No. 1.

Barrel Lots	Per Gallon, \$0.52
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.10
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 5.00

No. 2—Especially Adapted for Winter Use, There is no Better Winter Oil Made Considering Price.

Barrel Lots	Per Gallon, \$0.60
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.40
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 5.80

CUP GREASE OR HARD OIL



NORTHLAND

A very high grade Cup Grease especially adapted to automobiles.

Barrels, About 380 Lbs. Net.....	Per Pound, \$ 0.10
Half Barrels, About 220 Lbs. Net.....	Per Pound, .10½
25 Lb. Lithographed Cans, 1 in a Case...	Per Case, 3.70
10 Lb. Lithographed Cans, 6 in a Case...	Per Case, 8.40
12 Lb. Lithographed Cans, 12 in a Case...	Per Case, 9.20
3 Lb. Lithographed Cans, 24 in a Case...	Per Case, 11.80
1 Lb. Lithographed Cans, 48 in a Case...	Per Case, 9.80

TRANSMISSION GREASE

NORTHLAND

For use on the transmission and differentials. Made of high grade lubricant for auto use.

Barrels, About 350 Lbs. Net.....	Per Pound, \$0.10
Half Barrels, About 200 Lbs. Net.....	Per Pound, .10½
25 Lb. Lithographed Cans, 1 in a Case.....	Per Case, 4.00
10 Lb. Lithographed Cans, 6 in a Case.....	Per Case, 9.00
5 Lb. Lithographed Cans, 12 in a Case.....	Per Case, 9.70

NORTHLAND

All high class Pennsylvania oils with exceptional high fire test. Cars that have not tight fitting bearings will secure very good results with this line of oil.

No. 1—Extra Heavy.

Barrel Lots	Per Gallon, \$0.84
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.60
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 7.20

No. 2—Heavy.

Barrel Lots	Per Gallon, \$0.76
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.30
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.70

No. 3—Medium Heavy.

Barrel Lots	Per Gallon, \$0.70
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.90
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.40

BARTLES FORD SPECIAL

A highly filtered oil especially adapted for Ford cars. You will save more than its cost in the consumption.

No. 1—Medium.

Barrel Lots	Per Gallon, \$0.48
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 3.80
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 4.80

No. 2—Heavy, Just a Little Heavier than No. 1.

Barrel Lots	Per Gallon, \$0.58
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.30
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 5.50

No. 3—Zero, a Winter Oil Especially Adapted for Ford Cars.

Barrel Lots	Per Gallon, \$0.58
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.30
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 5.50

NORTHLAND TRANSMISSION

A heavy Pennsylvania stock oil with a very high fire test. Suitable in the transmission of automobiles where the bearings are tight enough to hold it. It takes the place of transmission grease and is a very much better lubricant.

Barrel Lots	Per Gallon, \$0.72
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.00
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 7.50

MOTORCYCLE OIL

NORTHLAND

There is not a better class of Motorcycle Oil made. The different consistencies to meet the different demands.

Made from absolutely the highest class Pennsylvania stock obtainable.

No. 1—Extra Heavy.

Barrel Lots	Per Gallon, \$1.10
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 7.00
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 8.80

No. 2—Heavy.

Barrel Lots	Per Gallon, \$0.90
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 6.00
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 7.70

No. 3—Medium.

Barrel Lots	Per Gallon, \$0.84
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.60
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 7.20

Note—Price on oil is subject to change without notice, and will be billed at lowest market price.

MACHINE OIL

NOTE—Prices Quoted are in Wooden Barrels.

NORTHLAND AIR COMPRESSOR



The highest grade Pennsylvania oil refined. Will be found to give the best satisfaction.

No. 1 Light—Barrels Per Gallon, \$0.76
No. 2 Heavy—Barrels Per Gallon, .84

NORTHLAND CASTOR MACHINE

A heavy manufactured oil of gelatin base. Preferred by some on account of its adhesive properties.

Used for farm machinery. Should not be used when oil can be held on the bearings.

Heavy—Barrels Per Gallon, \$0.40
Medium—Barrels Per Gallon, .40

NORTHLAND DYNAMO

The highest grade Pennsylvania oil manufactured for dynamo use.

No. 1—Pale Pennsylvania, Barrels Per Gallon, \$0.84
No. 2—Pale Pennsylvania, Barrels Per Gallon, .70
No. 3—Pale Pennsylvania, Barrels Per Gallon, .68

NORTHLAND RED ENGINE

A heavy boiled red oil, suitable for machine and engine lubrication other than in the cylinders.

No. 2—Barrels Per Gallon, \$0.52
No. 3—Barrels Per Gallon, .40
No. 4—Barrels Per Gallon, .36

NORTHLAND PALE ENGINE

Used for the same purpose as the Red Engine Oil. Is highly filtered and contains less carbon.

No. 1—Barrels Per Gallon, \$0.62

NORTHLAND GAS ENGINE

An excellent filtered oil for gas engines, also an excellent engine and machine line. Made in different consistencies so as to meet any demand.

No. 1—Extra Heavy Red, Barrels Per Gallon, \$0.72
No. 3—Heavy Red, Barrels Per Gallon, .60
No. 4—Medium Red, Barrels Per Gallon, .40

NORTHLAND PALE GAS ENGINE

Will give excellent satisfaction in gas engine. Somewhat lighter than the average gas engine oil, but will give less carbon. It is a highly filtered Pennsylvania oil.

No. 2—Pale, Barrels Per Gallon, \$0.68

REAR AXLE LUBRICANT

BARTLES



Barrels Per Pound \$0.12 1/2
Half Barrels13
Kegs, 100 Lbs.15

Per Case
25 Lb. Cans, 1 in Case... \$ 4.90
10 Lb. Cans, 6 in Case... 11.20
5 Lb. Cans, 12 in Case... 12.00

Note—All Prices Subject to Change Without Notice.

NORTHLAND STEAM CYLINDER

All of our Steam Cylinder Oils are made from the highest class Pennsylvania crude. They are made both compounded and uncompounded. In the compounded oil nothing but the highest class acidless animal fat is used. You will be able to judge what oil is best adapted to your purpose by inspecting the following list:

Superheated and High Pressure, in Barrels.

Per Gallon
No. 1—Steam Refined Cylinder, Mineral..... \$1.08
No. 2—Steam Refined Cylinder, Compounded..... 1.08
High and Medium Pressure, in Barrels.

Per Gallon
No. 3—Steam Refined Cylinder, Compounded..... \$0.82
No. 4—Steam Refined Cylinder, Mineral..... .82
No. 5—Highly Filtered, Compounded..... 1.14
No. 6—Highly Filtered, Mineral..... 1.14
No. 7—Filtered, Compounded84
No. 8—Filtered, Mineral84

Low Pressure, in Barrels.

Per Gallon
No. 9—Steam Refined Cylinder, Mineral..... \$0.68
No. 10—Steam Refined Cylinder, Compounded..... .72
No. 11—Filtered Cylinder, Mineral..... .76

NORTHLAND VALVE

Same stock as the Steam Cylinder Oil, but compounded with a larger portion of animal fat.

Per Gallon
No. 1—Steam Refined, Barrels..... \$1.32
No. 2—Highly Filtered, Barrels..... 1.44

HAND SEPARATOR

A white filtered mineral oil made to lubricate fast running machinery. Light in body.

Per Gallon
Hand Creamery Separator—Barrels..... \$1.48

POWER SEPARATOR

A pale oil, suitable for power separators.

Per Gallon
Power Creamery Separator—Barrels..... \$0.52

HARVESTER

A very heavy oil made to do the work of castor. Much better than castor in every way and will lubricate at very low temperature. Too heavy for any other purpose.

Per Gallon
No. 1—Heavy, Barrels \$0.58
No. 2—Medium, Barrels52
No. 3—Light, Barrels50

SCREW CUTTING

Per Gallon
No. 1—Pale, Barrels \$0.68
No. 2—Red, Barrels62

BLACK

Per Gallon
Summer—Barrels \$0.28
Winter—Barrels32

Note—Prices quoted are in Wooden Barrels.

EXTRAS

For Half Barrels, Add Per Gallon..... \$0.04
For 10 Gallon Jacket Cans, Add Per Can..... 1.50
For 5 Gallon Jacket Cans, Add Per Can..... 1.00
For 2 Gallon Jacket Cans, Add Per Can..... .60

GASOLINE AND KEROSENE

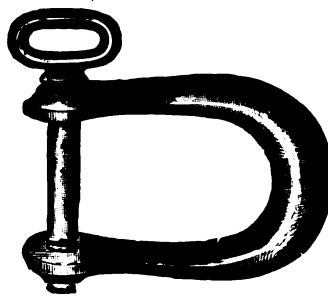
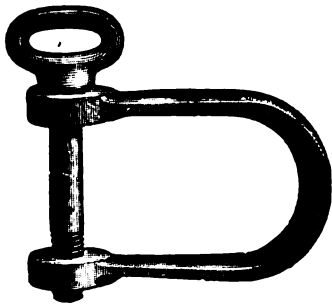
Five
Grades
Gasoline.
Three
Grades
Kerosene.



All Gasoline and Kerosene shipped in steel barrels.
Note—Owing to constant changes in market, price will be quoted on request.

CLEVISES

DOUBLETREE

Malleable Iron, Oval, Band Pattern,
Loop Head, Screw Pin.

Nos.	395	410	420
Width Inside, In..	2	2 1/2	2
Total Length, In..	4 1/2	4 1/2	6
Per Pound .....	\$....	....	....
Nos.	427	430	434
Width Inside, In..	2 1/4	2 1/2	3
Total Length, In..	6	6	8
Per Pound .....	\$....	....	....

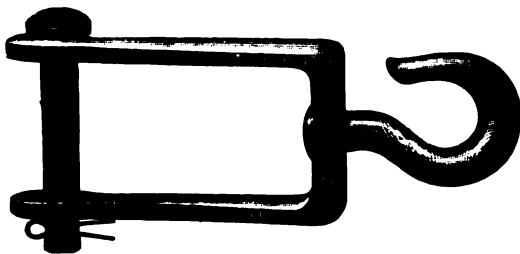
Malleable Iron, Round Pattern, Loop
Head Screw Pin.

No.	500
Width Inside, Inches.....	2
Total Length, Inches.....	5 1/4
Per Pound	\$....

Malleable Iron, Ribbed Pattern, Loop
Head, Screw Pin.

Nos.	368	379
Width Inside, Inches.	2 1/4	2 1/2
Total Length, Inches.	5 1/2	6
Per Pound .....	\$....	....

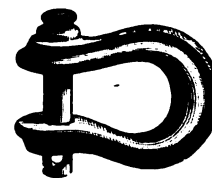
EVENER AND HOOK



Malleable Iron, Swivel Hook.

No. 2831—Length 9 1/4 inches, Inside Measure 2 1/2 x 4 inches	Per Pound \$....
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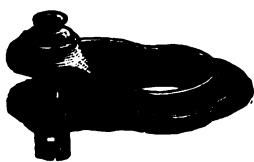
END



Malleable Iron, Key Pin.

No. 2806—Light Pattern, Width Inside 3/4 inch, Length 3 inches	Per Pound \$....
No. 2810—Width Inside 1 inch, Length 3 1/2 inches.....	Per Pound \$....

END



Malleable Iron, Key Pin.

No. 2825—Width Inside 3/4 inch, Length 4 inches.....	Per Pound \$....
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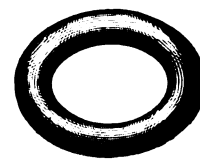
TWISTED END



Malleable Iron, Key Pin.

No. 2820B—Width Inside 3/4 inch, Length 4 1/4 inches.....	Per Pound \$....
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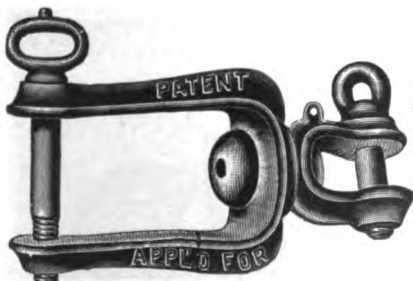
CLEVIS LINKS



Malleable Iron.

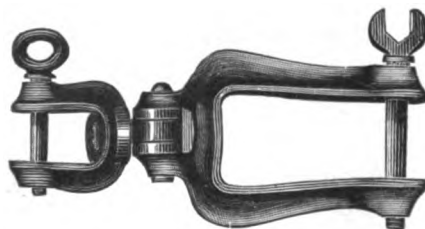
No. 2800A—Length 3 inches, Width Inside 1 1/8 inches, 1/2 inch Wire	Per Pound \$....
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IDEAL SWIVEL



No. 2839—Length 8 1/2 inches, Inside Measure 2 3/4 x 4 inches, 3/4 inch Clevis Opening.....	Per Dozen \$5.00
---	---------------------

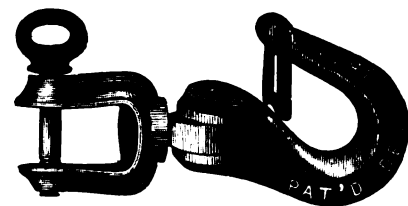
COMBINED SWIVEL JOINT CLEVIS AND HOOK



Malleable Iron.

No. 2839 1/2—Swivel	Per Dozen \$5.50
---------------------------	---------------------

This device can be attached to any implement where hook or clevis is needed without a link, adapting themselves to any position desired. A Harrow with this device can be raised to any angle or turned over if necessary, without affecting the position of the doubletree.

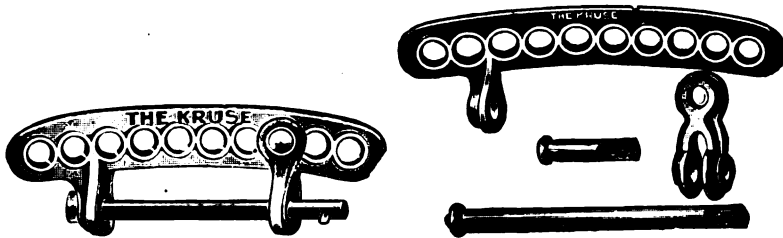


Malleable Iron.

No. 2839 1/2 X—Swivel Hook.....	Per Dozen \$5.50
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CLEVISES

KRUSE KROSS

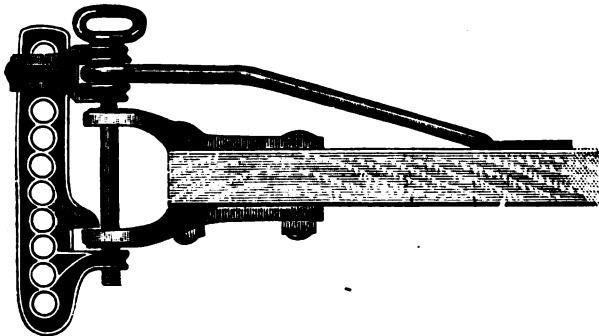


Malleable Iron.

No. 10—Adjustable, Entire Length 8 inches, 10 Holes, Fits Any Plow from an 8 to an 18 inch, Light, Strong and Durable\$4.00

Per Dozen

STOWELL'S CROSS THOMAS PATENT



Method of Attaching to Plow Beam when Three Horses are Used.

Malleable Iron.

No. 12—8½ inch Cross Bar, 10 Holes, 1 Screw Pin, Adjustable for Any Size Wood or Steel Beam, Complete with Cross Bar, Adjustable Slide and Screw Pin, Weight Each Complete 2 Lbs.....\$4.00

Per Dozen

The Stowell Cross Clevis uses a Screw Pin instead of a Linch Pin. Requires but One Pin instead of Two. A slot in the adjustable attachment allows it to slide along the Cross Clevis, making it rigid at all points. Has lips on the Cross Clevis which straddle the Clevis Jaw attached to the Beam, thereby preventing side play.

SWIVEL SHACKLE PLOW



Malleable Iron.

No. 2824—Length 4½ inches, Width Opening ¾ inch, Eye ½ inch\$2.75

Per Dozen

WHIFFLETREE



Malleable Iron.

Nos. 635A
Length Inside, Inches..... 3
For Bolt, Inches..... 1½
Per Pound \$.....

635B
3¾
1½

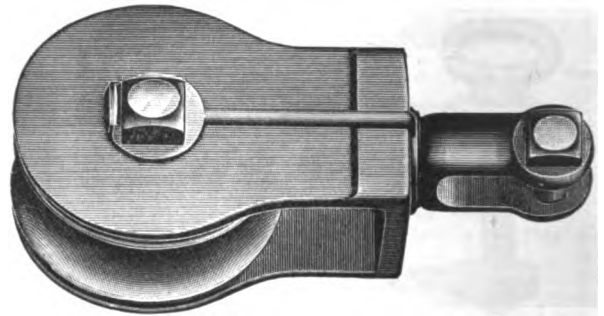
Nos. 640A
Length Inside, Inches..... 3¾
For Bolt, Inches..... ¾
Per Pound \$.....

Malleable Iron.

640C
3¾
¾
.....

All Above, Open Stock.

PLOW PULLEY



Malleable Iron.

No. 1—Length 9 inches, Width 4 inches, Will Take 1¼ inch Rope, Opening of Clevis ¾ inch.....\$12.00

Per Dozen

STEEL BEAM PLOW

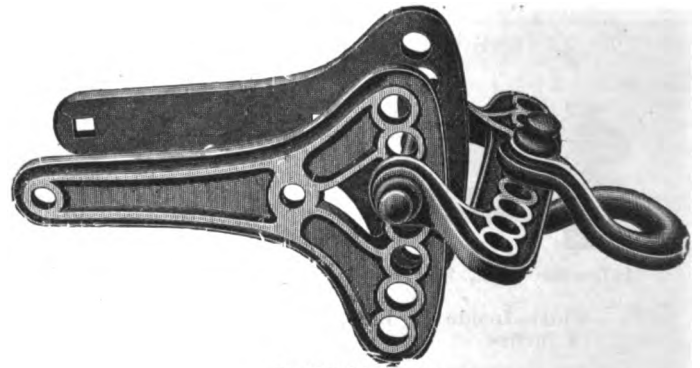


Malleable Iron.

No. 2979—1 inch Steel 3¾ inches from Center to Center of Beam Hole, 8 Holes in Cross Clevis for Two Horses\$.....

Per Pound

WOOD BEAM PLOW

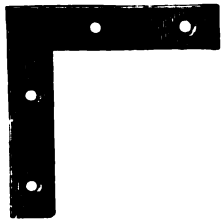


Malleable Iron.

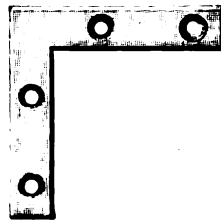
No. 2956—3 inch Beam, 4¾ inches from Center to Center of Beam Hole, 10 Holes in Cross Clevis, for Three Horses\$.....

Per Pound

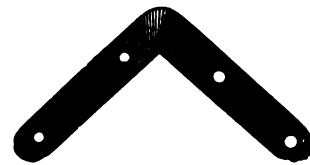
CORNER IRONS



Malleable Iron, Square Edge, 90° Angle.			
Nos.	4385B	4385C	
Width, Inches....	$\frac{7}{8}$	$\frac{1}{2}$	
Length, Inches...	1 $\frac{5}{8}$	2 $\frac{1}{4}$	
Per Pound	\$.....		
Nos.	4385E	4385F	
Width, Inches....	$\frac{5}{8}$	$\frac{3}{4}$	
Length, Inches...	2 $\frac{3}{4}$	3 $\frac{1}{2}$	
Per Pound	\$.....		



Malleable Iron, Beveled Edge, 90° Angle.			
Nos.	4380A	4380B	
Width, Inches....	$\frac{5}{8}$	$\frac{3}{4}$	
Length, Inches...	3 $\frac{1}{2}$	3 $\frac{1}{2}$	
Per Pound	\$.....		



Malleable Iron, 26° Bevel.			
For Top Beveled Corners, In Pairs Right and Left.			
No.	4405		
Width, Inches	3 $\frac{3}{4}$		
Length, Inches	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$		
Per Pound	\$.....		



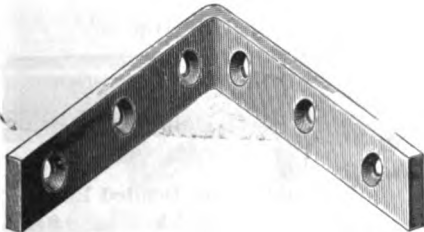
Malleable Iron, 62° Bevel.			
For Inside of Beveled Corners, In Pairs Right and Left.			
No.	4462A		
Width, Inches	$\frac{7}{8}$		
Length, Inches	3 $\frac{1}{8}$		
Per Pound	\$.....		



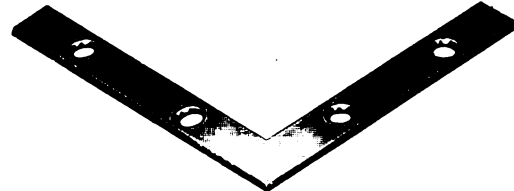
Malleable Iron, 90° Bevel.			
For Inside of Square, Right Angle Corners.			
No.	4410B		
Width, Inches	$\frac{7}{8}$		
Length, Inches	2 $\frac{5}{8}$		
Per Pound	\$.....		



Malleable Iron, 60° Bevel.			
For Inside of Beveled Corners.			
No.	4415A		
Width, Inches	$\frac{4}{8}$		
Length, Inches	2 $\frac{1}{2}$		
Per Pound	\$.....		



No. 997—Wrought Steel, Plain Countersunk Inside.					
Length of Sides, Inches..	1 $\frac{1}{4}$	2	2 $\frac{1}{2}$	3	4
Width, Inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per Dozen	\$0.30	.40	.50	.60	1.00
Two Dozen in a Box.					

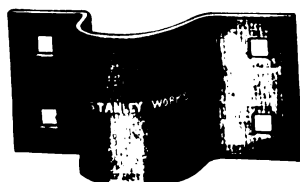


No. 999—Wrought Steel, Plain.					
Length of Sides, Inches....	2	2 $\frac{1}{4}$	3	3 $\frac{1}{4}$	
Width, Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	
Per Dozen	\$0.20	.27	.33	.40	
Length of Sides, Inches....	4	5	6		
Width, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1		
Per Dozen	\$0.43	.58	.67		
Two Dozen in a Box.					

MENDING PLATES



No. 995—Wrought Steel, Plain.			
Length, Inches	3	4	
Width, Inches	$\frac{3}{4}$	$\frac{7}{8}$	
Per Dozen	\$0.40	.50	



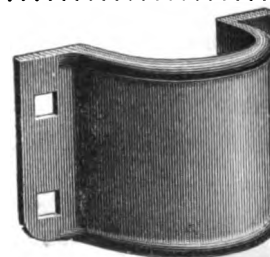
Wrought Steel.			
Nos.	55A	55B	
For Stakes, Inches.....	1 $\frac{1}{2}$	1 $\frac{3}{4}$	
Width, Inches	2 $\frac{1}{2}$	2 $\frac{3}{4}$	
Number of Holes.....	2	4	
Per Pound	\$0.10	.10	

STAKE IRONS



Express, Malleable Iron.			
No.	5995B		
For Stake, Inches.....	1 $\frac{1}{2}$ x 2 $\frac{1}{8}$		
Depth, Inches	2 $\frac{3}{4}$		
Length, Inches	7 $\frac{1}{4}$		
Per Pound	\$.....		

STAKE IRONS



Malleable Iron.			
No.	6010F		
Size of Pocket, Inches.....	2 $\frac{1}{8}$ x 2 $\frac{1}{8}$		
Depth, Inches	2 $\frac{3}{4}$		
Per Pound	\$.....		

WAGON HARDWARE

WHIFFLETREE COCKEYES

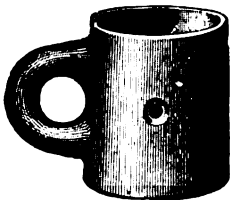


Malleable Iron, Cast Threads.

Nos.	70A
Shank, Inches	$\frac{3}{8}$
Length, Inches	3
Per Pound	\$.....

70B
 $\frac{7}{8}$
3 $\frac{1}{4}$

SINGLETREE FERRULES



Regular, Malleable Iron.

Nos.	165A	165B	165C
Inside Small End, Inches..	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$
Inside Large End, Inches..	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Depth, Inches	1 $\frac{3}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{8}$
Per Pound	\$.....		

Round Pattern, Malleable Iron.

Nos.	15C	15D	15E
Inside Small End, In...	$\frac{3}{4}$	$\frac{7}{8}$	1
Inside Large End, In...	1 $\frac{1}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{8}$
Depth, Inches	$\frac{7}{8}$	1	1
Per Pound	\$.....		
Nos.	15F	15G	
Inside Small End, In...	1 $\frac{1}{8}$	1 $\frac{1}{4}$	
Inside Large End, In...	1 $\frac{3}{8}$	1 $\frac{1}{2}$	
Depth, Inches	1 $\frac{1}{8}$	1 $\frac{1}{4}$	
Per Pound	\$.....		

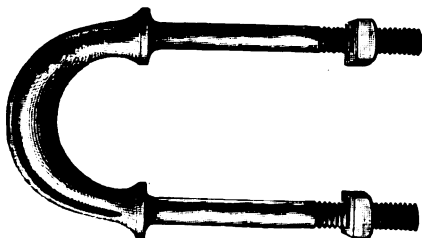
SINGLETREE HOOKS



Malleable Iron, In Pairs Right and Left.

Nos.	120A	120B	120C	120D
Inside Small End, Inches..	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$
Inside Large End, Inches..	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$
Length, Inches	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4
Per Pound	\$.....			

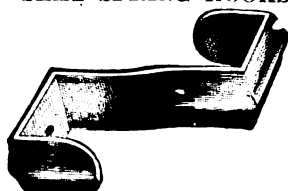
DOUBLETREE STAPLES



Malleable Iron, Threaded, with Nuts.

No.	215B
Length of Shank, Inches..	5
Size Center to Center, Inches..	3 $\frac{1}{4}$
Diameter of Shank, Inches..	$\frac{1}{2}$
Length, Inches	7 $\frac{3}{4}$
Per Pound	\$.....

SEAT SPRING HOOKS.



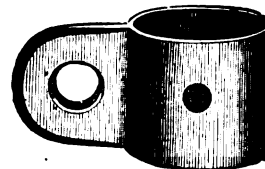
Malleable Iron.

No.	5920C
Length, Inches	3 $\frac{1}{2}$
Hooks, Inches	1-1 $\frac{1}{2}$
Per Pound	\$.....



Malleable Iron, Cast Threads.

No.	75B
Shank, Inches	$\frac{3}{8}$
Length, Inches	3 $\frac{1}{4}$
Per Pound	\$.....



Heavy, Malleable Iron.

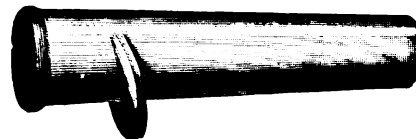
Nos.	170B	170C	170E
Inside Small End, Inches..	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Inside Large End, Inches..	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$
Depth, Inches	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Per Pound	\$.....		

Closed End, Malleable Iron.



Nos.	5B	5C	5D
Inside Large End, In...	$\frac{3}{8}$	1	1 $\frac{1}{8}$
Depth, Inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Cockeye Hole, Inches...	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$
Per Pound	\$.....		

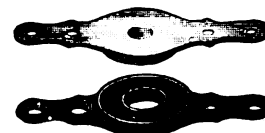
POLE TIPS



Malleable Iron, Beaded End.

Nos.	845A	845B	845C
Inside Small End, Inches..	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$
Inside Large End, Inches..	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$
Length, Inches	6	6	6
Per Pound	\$.....		

WHIFFLETREE COUPLINGS



Malleable Iron.

Nos.	695C	695E	695G
Width, Inches	1 $\frac{3}{4}$	2 $\frac{1}{8}$	2 $\frac{1}{2}$
Length, Inches	4 $\frac{1}{2}$	5 $\frac{1}{8}$	5 $\frac{3}{4}$
For Bolt, Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$
Per Pound	\$.....		

THUMB NUTS

Malleable Iron, Medium Pattern.
Blank.

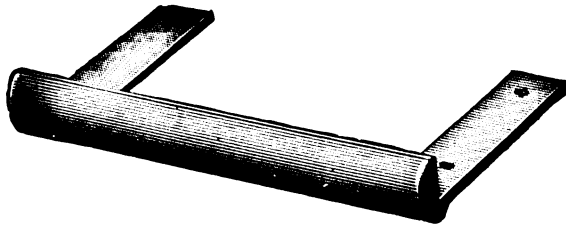
Nos.	5490A	5490B	5490C
Hole, Inches	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{8}$
Height, Inches	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Per Pound	\$.....		

Threaded.

Nos.	5490AT	5490BT	5490CT	5490ET	5490GT
Hole, Inches..	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Height, Inches..	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	1	1 $\frac{1}{4}$
Per Pound...	\$.....				

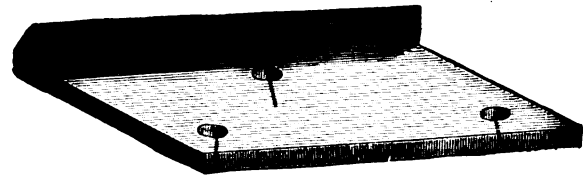
WAGON HARDWARE

WEAR IRONS



Malleable Iron, for Lumber Wagons.

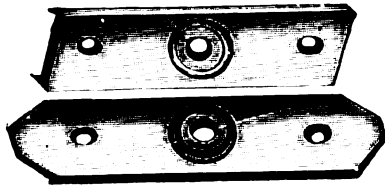
No. 1680—Length 7 inches, Width 4 inches, 1 inch Flange Per Pound \$.....



Wrought Iron.

No. 49—Length 5 inches, Width 2 1/2 inches Each \$0.10

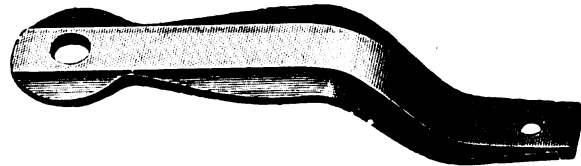
BOLSTER PLATES.



Wrought Iron.

Nos.	211D	211E	211F
Length of Plate, Inches.....	10	10	10
Length of Bottom Plate, Inches.....	12	12	12
Width, Inches.....	3	3 1/4	3 1/2
Thickness, Inches.....	1/8	1/8	1/8
Per Pair.....	\$0.70	.75	.80

HAMMER STRAPS



Wrought Iron.

No. 46—Heavy Pattern, Length 10 1/2 inches, Width 2 1/4 inches, Thickness 1/8 inch..... Each \$0.14
 No. 47—Light Pattern, Length 9 1/2 inches, Width 1 3/4 inches, Thickness 1/8 inch..... .10

POLE CAPS



Wrought Iron, with Hold Back.

No. 260—19 1/2 inches Long, 2 inches Wide..... Each \$0.28

SIDE BRACES



Wrought Steel, with Two Nuts.

No. 155F—1/2 inch Diameter, 14 inches Long..... Per 100 \$20.00
 Side Braces are measured from center of hole to end on a vertical line.

WAGON BOX STRAP BOLTS

STRAIGHT

HOOKED



Wrought Iron.

Wrought Iron.

Nos.	153C	153D	153G	153H
Length, Inches.....	10	12	12	14
Diam. of Bolt End, Inches.....	1/2	1/2	1/2	1/2
Per Set of Eight.....	\$0.95	1.05	1.15	1.25

Nos.	154G	154H
Length Including Hook, Inches...	15 7/8	17 7/8
Length Under Hook, Inches.....	14	16
Diameter of Bolt End, Inches....	5/8	5/8
Per Set of Eight.....	\$1.45	1.60

Nos.	153M	153P	153S
Length, Inches.....	12	14	16
Diam. of Bolt End, Inches.....	5/8	5/8	5/8
Per Set of Eight.....	\$1.15	1.30	1.45

Note—10 and 12 inch Straps have two holes; 14 and 16 inch have three holes.

WAGON BOX RODS.

SEAT SPRINGS



Narrow Track, Patent Shoulder, Wrought Iron Movable Collar, Malleable Nut and Washer.

Nos.	103A	103H
Length, Inches.....	39	39
Diameter of Rod, Inches.....	3/8	1/2
Each.....	\$0.24	.32

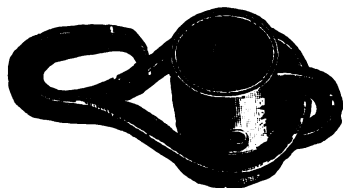


Riveted, Leaves 1 1/4 inches Wide.

Nos.	2	3
Number of Leaves.....	2	3
Length, Inches.....	26	28
Per Pair.....	\$2.20	3.30

SINGLETREE IRONS

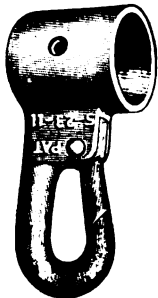
FERRULES AND HOOKS



Malleable Ferrule, Steel Hook, To Pull Over Ferrule.

Nos.	550A	550B	550F
Diam. Ferrule, Small End, In..	1 1/4	1 3/8	1 3/4
Diam. Ferrule, Large End, In..	1 3/8	1 1/2	1 7/8
Thickness of Hook, Inches.....	3/8	3/8	1/2
Each	\$0.15	.16	.26

MacLEOD SAFETY CLIPS



Malleable Iron, with Steel Spring.

No.	F2
Round Part of Hook, Inches...	1 1/8
Hook Opening, Inches.....	1/8
Ferrule, Small End, Inches....	1 1/8
Ferrule, Large End, Inches....	1 3/4
Per Dozen	\$4.00

QUICK REPAIR HOOKS



Malleable Iron.

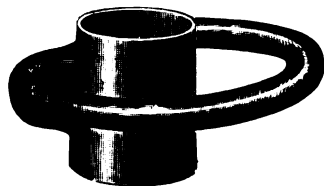
Nos.	4H	5H
Size, Inches	1 1/8	1 1/4
Per Pound	\$0.15	.15

No screw or nail required to fasten this hook. By bending over the lugs projecting out of the ferrule on either side of the cross bar prevents the hook from working loose.

Open Stock.

NECKYOKE IRONS

FERRULES AND RINGS



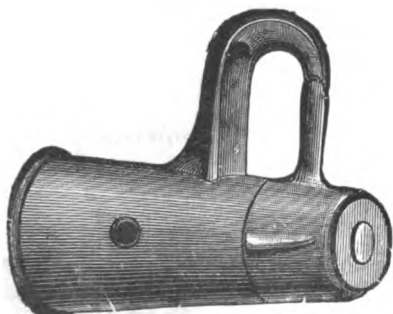
Malleable Iron Ferrule, Steel Ring.

Nos.	605A	605B	605E
Diam. Ferrule, Small End, In..	1 1/4	1 3/8	1 3/4
Size of Ring, Inches.....	3x 3/8	3x 3/8	3x 1/2
Each	\$0.14	.16	.24

Open Stock.

WHIFFLETREE HOOKS

PREMIUM



Malleable iron, Japanned, Brass Wire Spring.

Nos.	1	2	3	4	5	6
Size, Inches.....	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4
Per Dozen Pairs..	\$5.00	5.00	5.75	6.50	7.50	8.50

One Dozen Pairs in a Box.



Malleable Ferrule, Steel Hook, To Pull from Ferrule.

Nos.	555B	555D	555E
Diam. Ferrule, Small End, In..	1 3/8	1 1/2	1 3/4
Diam. Ferrule, Large End, In..	1 1/2	1 3/8	1 7/8
Thickness of Hook, Inches.....	3/8	3/8	1/2
Each	\$0.20	.24	.30

Open Stock.

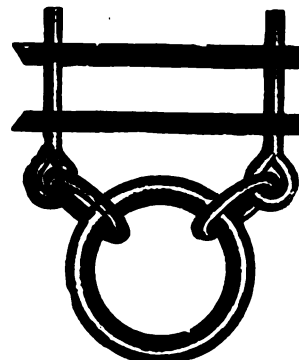
CENTER CLIPS AND RINGS



Wrought Steel.

Nos.	520A	520C	520E
Clip, Inches.....	3/4	5/8	1 1/8
Ring, Inches....	5/8	1/2	1 1/8
Each	\$0.36	.22	.20

CENTER PLATES AND RINGS



Wrought Welded Eyes, Steel Ring.

Nos.	600D	600B
Size of Ring, Inches	1 1/8	5/8
Size of Eye, Inches	1 1/8	1/2
Size of Link, Inches	3/8	1 1/8
Per Set	\$0.45	.45

Open Stock.

SHAFT ENDS



For Repairing Broken Shafts, Reversible, Can be Used Either Right or Left.

No. 1B—Buggy Size, Steel, Japanned, with Nickel Shaft

Tip

This device consists of two thick steel tubes, the inner tube having a hickory filler and being pressed into the outer tube in such a way that the shafts will break in any other place than where repaired.

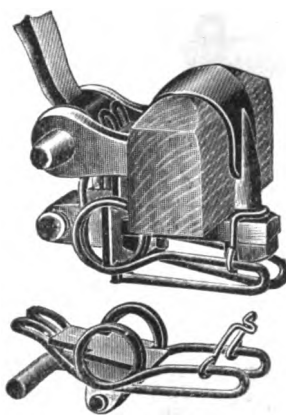
ANTI-RATTLERS

BURTON'S



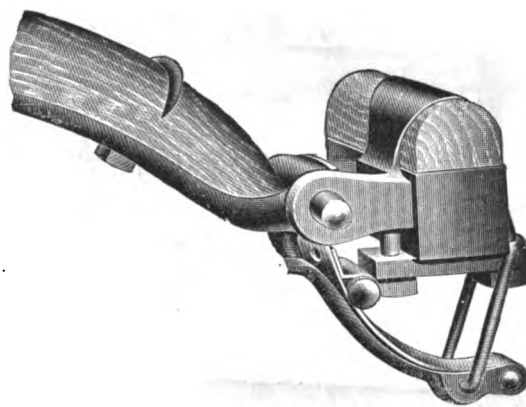
Per Dozen Pairs
No. 01— $\frac{3}{8}$ inch, Blue Tempered
Steel Spring, Riveted, with
Bolt Holder\$1.75
One Dozen Pairs in a Box.

QUICK SHIFT.



Per Dozen Pairs
No. 1901— $\frac{3}{8}$ inch Bolt, Best
Spring Steel Wire Coil
Spring, Black Japanned.....\$3.00
Attaches to ordinary shackle of any
carriage.
One-half Dozen Pairs in a Box.

QUICK SHIFT



Per Dozen Pairs
No. 5Q— $\frac{3}{8}$ inch Bolt, Oil Tem-
pered Crucible Steel Spring,
Black Japanned\$5.00
A quick shift and anti-rattler com-
bined. Attaches to any buggy, working
in common shaft eye and shackle.
One Dozen Pairs in a Box.

LEATHER AXLE WASHERS

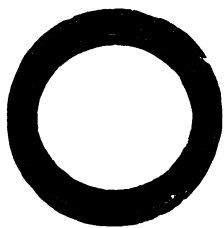
ADJUSTABLE SPIRAL



For Axle, Inches.....	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Outside Diameter, Inches.....	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per Hundred	\$0.30	.40	.50	.60

Twenty in a Coil; Five Coils in a Box.

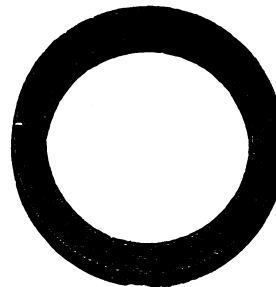
NUT



Best Quality Leather.				
Nos.	15	41	55	94
For Axle, Inches.....	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Diameter Inside, Inches..	$\frac{1}{8}$	$\frac{1}{8}$	1	$1\frac{1}{8}$
Diameter Outside, Inches.	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{5}{8}$
Per Hundred	\$1.75	1.75	2.25	2.50

Fifty in a Box.

COLLAR



Best Quality Leather.				
Nos.	68	95	121	161
For Axle, Inches.....	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Diameter Inside, Inches..	$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Diameter Outside, Inches.	$1\frac{1}{8}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2
Per Hundred	\$2.25	2.50	2.50	2.75

Fifty in a Box.

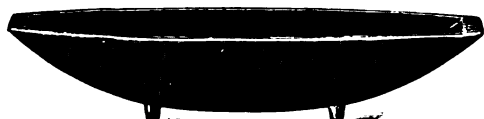
IN SETS FOR NUTS AND COLLAR

Best Quality Leather.

Best Quality Leather.					
Nos.	A	B	C	D	E
For Axle, Inches.....	$\frac{7}{8}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per Box	\$0.70	.80	.90	1.00	1.10

Five Sets (Twenty Nuts and Twenty Collars) in a Box.

FELLOE OILERS



Cast Iron, Japanned.

		Each
No. 1—For Wide Tires, Length 34 inches, Width 5 inches, Depth 6 inches.....		\$1.75
No. 2—For Regular 2 inch Tire, Length 28 $\frac{1}{2}$ inches, Width 3 inches, Depth 4 inches.....		1.00



Heavy Seamless Galvanized Steel.

		Each
No. 5—Width 3 $\frac{1}{2}$ inches, Length 26 inches, Depth 4 $\frac{1}{2}$ inches.....		\$0.50
No. 10—Width 5 $\frac{1}{4}$ inches, Length 26 inches, Depth 4 $\frac{1}{2}$ inches.....		.60
Used for buggies, lumber wagons, bicycles and grindstones.		

IRONED SINGLETREES

WAGON



Regular, Oil Selected Hickory, Wrought Iron Clip, Rings and Hooks, Malleable Iron Ferrules.

Nos.	1	2	3
Size, Inches	2 1/2 x 36	2 3/4 x 36	3 x 40
Per Dozen	\$10.50	12.00	18.00

One-half Dozen in a Bundle.
IRON CLAD WAGON

Straight Pull, Oiled Selected Hickory, Wrought Iron Clip, Rings and Hooks, Malleable Iron Ferrules.

Nos.	4	5	6
Size, Inches	2 1/2 x 36	2 3/4 x 36	3 x 40
Per Dozen	\$10.50	12.50	18.50

One-half Dozen in a Bundle.

PLOW



Oiled Hickory.

No. 1220—2 1/2 x 34 inches, Wrought Iron Clip, Rings and Hooks, Full Length Wrought Iron End Straps. \$18.00
One-half Dozen in a Bundle.

Per Dozen



Oiled Hickory, Wrought Iron Clip, Rings and Hooks, Malleable Iron Ferrule.

Nos.	13	12
Size, Inches	24	30
Per Dozen	\$7.00	7.00

One-half Dozen in a Bundle.

IRONED NECKYOKES

WAGON

IRONED EVENERS

WAGON



Hickory.

No. 8—2x4x48 inches, Top and Bottom Plates, Riveted Ends, with Malleable Iron Clevises and Eye Bolts for Stay Chains \$18.00
No. 7—Without Eye Bolts, Otherwise Same as No. 8.. 16.00
One-half Dozen in a Bundle.

Per Dozen



Oiled Hickory, Wrought Center Irons and Rings, Malleable Iron Ferrules.

Nos.	9	10	11
Size, Inches	2 1/2 x 38	2 1/2 x 40	3 x 48
Per Dozen	\$13.00	14.00	23.00

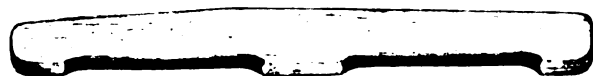
One-half Dozen in a Bundle.

WHIFFLETREE WOODS

WAGON

EVENER WOODS

WAGON



Selected Hickory, Finished.

Nos.	23	24
Size, Inches	2x4x48	2 1/4 x 5x52
Per Dozen	\$8.00	15.00

One-half Dozen in a Bundle.

BUGGY



Select Hickory.

Nos.	28	29
Size, Inches	2 1/4 x 48	2 1/2 x 48
Per Dozen	\$6.00	7.50

One Dozen in a Bundle.

NECKYOKE WOODS

WAGON



Round Hickory.

Nos.	25	26	27
Inches	2 1/2 x 38	2 3/4 x 42	3 x 48
Per Dozen	\$5.00	8.00	12.00

One-half Dozen in a Bundle.

Oval Hickory.

Nos.	20	21	22
Inches	2 1/2 x 36	2 3/4 x 36	3 x 40
Per Dozen	\$8.50	4.00	6.50

One Dozen in a Bundle.

PLOW HANDLES

STRAIGHT



Hickory.

Per Dozen

No. 30—1 1/2 x 2 1/2 inches by 5 feet, Straight.....\$4.00
One Dozen in a Bundle.

SINGLE BEND



Hickory.

Per Dozen

No. 31—1 1/2 x 2 1/2 inches by 5 feet, Single Bend, for Land-side\$4.50
One Dozen in a Bundle.

DOUBLE BEND



Hickory.

Per Dozen

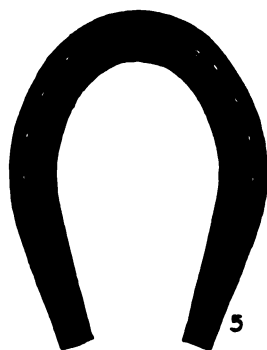
No. 32—1 1/2 x 2 1/2 inches by 5 feet, Double Bend, for Moldboard\$5.00
One Dozen in a Bundle.

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HORSE SHOES

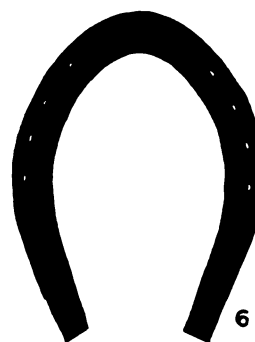
JUNIATA

Light Steel or Iron.



Front.

Nos.	1	2	3	4	5	6	7
Weight Each, Oz.	14	17	20	25	29	36	41
No. Shoes in Keg.	114	94	80	64	53	44	38
Per Keg of 100 Lbs. \$							



Hind.

Nos.	1	2	3	4	5	6	7
Weight Each, Oz.	12	15	18	22	27	31	35
No. Shoes in Keg.	133	107	89	73	59	52	46
Per Keg of 100 Lbs. \$							

Packed in 100 Lb. Kegs as Follows: Nos. 1 to 6 Front, Each Size Separate; Hind, Each Size Separate. Nos. 1 to 7 Fronts and Hinds, Each Size Separate and Assorted—Nos. 1, 2 and 3; 2, 3 and 4; 3, 4 and 5; or 4, 5, and 6.

TOE CALKS

JUNIATA



Medium Pattern, Regular.

Nos.	1	2	3
Inches	1 1/2 x 1 1/2 x 1/2	1 3/4 x 1 1/2 x 1/2	2 x 1 1/2 x 1/2
Per Pound	\$0.12	.12	.12
Nos.	4	5	6
Inches	2 1/4 x 1 1/2 x 1/2	2 1/2 x 1 1/2 x 1/2	2 3/4 x 1 1/2 x 1/2
Per Pound	\$0.12	.12	.12

Twenty-five Pounds in a Box.

H CALK KEYS



H Calk Keys.....	Each	\$0.25
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CALK THREAD CLEANERS

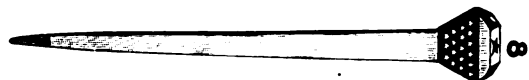


U. S. Standard Thread.

Size, Inches.....	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Each	\$0.25	.30	.35	.40	.45	.50

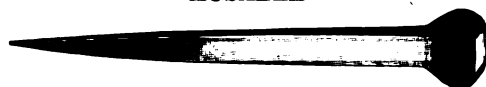
HORSE SHOE NAILS

STAR

No. 8.
Standard Head.

Nos.	5	6	7	8	9
Length, Inches.	1 1/8	2 1/8	2 1/4	2 1/2	2 3/4
Per Pound	\$0.27	.27	.27	.27	.27

AUSABLE

No. 8.
Standard Head.

Nos.	5	6	7	8	9
Length, Inches.	2	2 1/4	2 1/2	2 3/4	3
Per Pound	\$0.32	.23	.26	.25	.24

Five Pounds in a Paper Box; Twenty-five Pounds in a Wooden Box.

CALKS

ACME



No. 1A—Sharp, Crucible Steel Center.

Size, Inches	3/8	1/2	5/8	3/4	7/8
Per 100	\$3.20	3.50	3.50	4.00	4.00

Fifty in a Box.

CALK TAPS



U. S. Standard Thread.

Size, Inches.	1/8	3/8	1/2	5/8	3/4	7/8
Each	\$0.25	.30	.35	.40	.45	.50

CALK DRILLS

Size, Inches.	1/8	3/8	1/2	5/8	3/4	7/8
Each	\$0.35	.40	.45	.50	.55	.65

No. 8.
City Head.

Nos.	5	6	7	8	9
Length, Inches.	1 1/8	2 1/8	2 1/4	2 1/2	2 3/4
Per Pound	\$0.27	.27	.27	.27	.27

SUCCESS

No. 8.
Standard Head.

Nos.	5	6	7	8	9
Length, Inches.	1 1/8	2	2 1/4	2 1/2	2 3/4
Per Pound	\$0.23	.23	.23	.23	.23

CARRIAGE BOLTS



Oval Heads, Hot Pressed Square Nuts, Full Square, Cut Thread.

Standard List Adopted November 1, 1912.

Price Per Hundred.

Length, Inches	Diameter, Inches.								Length, Inches
	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{3}{4}$	
1	\$1.00	\$1.00	\$1.40	\$1.90	\$2.20	\$3.25	\$5.75	\$8.50	1
1 1/4	1.00	1.00	1.40	1.90	2.20	3.25	5.75	8.50	1 1/4
1 1/2	1.00	1.00	1.40	1.90	2.20	3.25	5.75	8.50	1 1/2
1 3/4	1.10	1.10	1.52	2.06	2.40	3.25	5.75	8.50	1 3/4
2	1.10	1.10	1.52	2.06	2.40	3.25	5.75	8.50	2
2 1/4	1.20	1.20	1.64	2.22	2.60	3.25	5.75	8.50	2 1/4
2 1/2	1.20	1.20	1.64	2.22	2.60	3.25	5.75	8.50	2 1/2
2 3/4	1.30	1.30	1.76	2.38	2.80	3.53	6.13	9.00	2 3/4
3	1.30	1.30	1.76	2.38	2.80	3.53	6.13	9.00	3
3 1/4	1.40	1.40	1.88	2.54	3.00	3.81	6.51	9.50	3 1/4
3 1/2	1.40	1.40	1.88	2.54	3.00	3.81	6.51	9.50	3 1/2
3 3/4	1.50	1.50	2.00	2.70	3.20	4.09	6.89	10.00	3 3/4
4	1.50	1.50	2.00	2.70	3.20	4.09	6.89	10.00	4
4 1/4	1.60	1.60	2.12	2.86	3.40	4.37	7.27	10.50	4 1/4
4 1/2	1.60	1.60	2.12	2.86	3.40	4.37	7.27	10.50	4 1/2
4 3/4	1.70	1.70	2.24	3.02	3.60	4.65	7.65	11.00	4 3/4
5	1.70	1.70	2.24	3.02	3.60	4.65	7.65	11.00	5
5 1/4	1.80	1.80	2.36	3.18	3.80	4.93	8.03	11.50	5 1/4
6	1.90	1.90	2.48	3.34	4.00	5.21	8.41	12.00	6
6 1/4	2.00	2.00	2.60	3.50	4.20	5.49	8.79	12.50	6 1/4
7	2.10	2.10	2.72	3.66	4.40	5.77	9.17	13.00	7
7 1/4	2.20	2.20	2.84	3.82	4.60	6.05	9.55	13.50	7 1/4
8	2.30	2.30	2.96	3.98	4.80	6.33	9.93	14.00	8
8 1/4	2.40	2.40	3.08	4.14	5.00	6.61	10.31	14.50	8 1/4
9	2.50	2.50	3.20	4.30	5.20	6.89	10.69	15.00	9
9 1/4	2.60	2.60	3.32	4.46	5.40	7.17	11.07	15.50	9 1/4
10	2.70	2.70	3.44	4.62	5.60	7.45	11.45	16.00	10
11	2.90	2.90	3.68	4.94	6.00	8.01	12.21	17.00	11
12	3.10	3.10	3.92	5.26	6.40	8.57	12.97	18.00	12
13	3.30	3.30	4.16	5.58	6.80	9.13	13.73	19.00	13
14	3.50	3.50	4.40	5.90	7.20	9.69	14.49	20.00	14
15	3.70	3.70	4.64	6.22	7.60	10.25	15.25	21.00	15
16	3.90	3.90	4.88	6.54	8.00	10.81	16.01	22.00	16
17	4.10	4.10	5.12	6.86	8.40	11.37	16.77	23.00	17
18	4.30	4.30	5.36	7.18	8.80	11.93	17.53	24.00	18
19	4.50	4.50	5.60	7.50	9.20	12.49	18.29	25.00	19
20	4.70	4.70	5.84	7.82	9.60	13.05	19.05	26.00	20
Add for Each Inch	.20	.20	.24	.32	.40	.56	.76	1.00	Add for Each Inch

Note—For Intermediate Lengths Use List Price of Next Longer Length.

$\frac{3}{16}$ and $\frac{1}{4}$ inch, One Hundred; $\frac{5}{16}$ inch, Fifty; $\frac{3}{8}$ inch by 1 to 8 1/4 inches, Fifty, by 9 to 18, Twenty-five; $\frac{7}{16}$ inch by 1 1/2 to 9 inches, Fifty, by 9 1/2 to 12 inches, Twenty-five; $\frac{1}{2}$ inch by 1 to 7 1/2 inches, Fifty, by 8 to 24, Twenty-five; $\frac{5}{8}$ and $\frac{3}{4}$ inch, All Sizes, Twenty-five in a Package.

CARRIAGE BOLT ASSORTMENTS

Carriage Bolt Assortment—Contains 100 Assorted Carriage Bolts, as Listed Below.....**\$1.75**

CONTENTS OF ASSORTMENT

6— $\frac{1}{4}$ x 1 1/2 inches.
6— $\frac{1}{4}$ x 1 3/4 inches.
6— $\frac{1}{4}$ x 2 inches.
6— $\frac{1}{4}$ x 2 1/2 inches.
6— $\frac{1}{4}$ x 3 inches.
6— $\frac{3}{16}$ x 1 1/2 inches.

6— $\frac{3}{16}$ x 2 inches.
6— $\frac{3}{16}$ x 2 1/2 inches.
6— $\frac{3}{16}$ x 3 inches.
6— $\frac{3}{16}$ x 3 1/2 inches.
6— $\frac{3}{16}$ x 4 inches.
6— $\frac{3}{8}$ x 2 inches.

6— $\frac{3}{8}$ x 2 1/2 inches.
6— $\frac{3}{8}$ x 3 inches.
6— $\frac{3}{8}$ x 3 1/2 inches.
5— $\frac{3}{8}$ x 4 inches.
5— $\frac{3}{8}$ x 5 inches.

One Assortment in a Box.

MACHINE BOLTS



Square Head and Nut, Finished Points, Cut Thread.

Standard List, Adopted August 1, 1912.

Price Per Hundred.

Length, Inches	Diameter, Inches								Length, Inches
	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	
1	\$1.70	\$2.00	\$2.40						1
1 $\frac{1}{4}$	1.70	2.00	2.40	\$2.80	\$3.60				1 $\frac{1}{4}$
1 $\frac{1}{2}$	1.70	2.00	2.40	2.80	3.60	\$ 5.20	\$ 7.70		1 $\frac{1}{2}$
2	1.78	2.12	2.56	3.00	3.86	5.58	8.25		2
2 $\frac{1}{2}$	1.86	2.24	2.72	3.20	4.12	5.96	8.80		2 $\frac{1}{2}$
3	1.94	2.36	2.88	3.40	4.38	6.34	9.35	\$12.60	3
3 $\frac{1}{2}$	2.02	2.48	3.04	3.60	4.64	6.72	9.90		3 $\frac{1}{2}$
4	2.10	2.60	3.20	3.80	4.90	7.10	10.45	14.00	4
4 $\frac{1}{2}$	2.18	2.72	3.36	4.00	5.16	7.48	11.00		4 $\frac{1}{2}$
5	2.26	2.84	3.52	4.20	5.42	7.86	11.55	15.40	5
5 $\frac{1}{2}$	2.34	2.96	3.68	4.40	5.68	8.24	12.10		5 $\frac{1}{2}$
6	2.42	3.08	3.84	4.60	5.94	8.62	12.65	16.80	6
6 $\frac{1}{2}$			4.00	4.80	6.20	9.00	13.20		6 $\frac{1}{2}$
7			4.16	5.00	6.46	9.38	13.75	18.20	7
7 $\frac{1}{2}$			4.32	5.20	6.72	9.76	14.30		7 $\frac{1}{2}$
8			4.48	5.40	6.98	10.14	14.85	19.60	8
9			4.80	5.80	7.50	10.90	15.95	21.00	9
10			5.12	6.20	8.02	11.66	17.05	22.40	10
11			5.44	6.60	8.54	12.42	18.15		11
12			5.76	7.00	9.06	13.18	19.25	25.20	12
13					9.58	13.94	20.35		13
14					10.10	14.70	21.45	28.00	14
15					10.62	15.46	22.50	29.40	15
16					11.14	16.22	23.65		16
17					11.66	16.98	24.75		17
18					12.18	17.74	25.85		18
19					12.70	18.50	26.95		19
20					13.22	19.26	28.05		20
21							29.15		21
22							30.25		22
23							31.35		23
24							32.45		24
25							33.55		25
26							34.65		26
27							35.75		27
28							36.85		28
29							37.95		29
30							39.05		30

$\frac{1}{4}$ inch, One Hundred in a Package; $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$ and $\frac{1}{2}$ inch, Fifty in a Package; $\frac{5}{8}$ and $\frac{3}{4}$ inch, Twenty-five in a Package.

Extras—The following Extras are to be understood as a part of this List: Bolts with Hexagon Heads or Hexagon Nuts, 15 per cent extra; if both Hexagon Heads and Hexagon Nuts, 25 per cent extra. Joint Bolts, with Oblong Nuts, 10 per cent extra. Bolts with Tee Heads, Askew Heads and Eccentric Heads, or Cube Heads, 25 per cent extra; Bolts requiring extra upsets to form the head, 25 per cent extra for each extra upset. Special Bolts with irregular threads and unusual dimensions of heads or nuts will be charged extra at the discretion of the manufacturer.

Length Given is the Measure under the Head.

MACHINE BOLT ASSORTMENTS

Per Assortment

Machine Bolt Assortment—Contains 100 Assorted Machine Bolts as Listed Below.....\$1.50

Contents of Assortment.

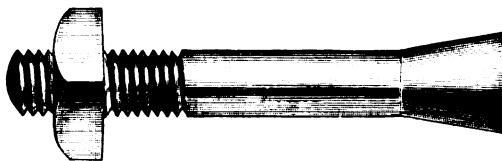
8— $\frac{1}{4}$ x 1 $\frac{1}{2}$ inches.
8— $\frac{1}{4}$ x 2 inches.
8— $\frac{1}{4}$ x 2 $\frac{1}{2}$ inches.
8— $\frac{1}{4}$ x 3 inches.
8— $\frac{5}{16}$ x 2 inches.

8— $\frac{5}{16}$ x 2 $\frac{1}{2}$ inches.
8— $\frac{5}{16}$ x 3 inches.
8— $\frac{5}{16}$ x 3 $\frac{1}{2}$ inches.
8— $\frac{5}{16}$ x 4 inches.
6— $\frac{3}{8}$ x 2 inches.

6— $\frac{3}{8}$ x 2 $\frac{1}{2}$ inches.
6— $\frac{3}{8}$ x 3 inches.
6— $\frac{3}{8}$ x 4 inches.
4— $\frac{3}{8}$ x 5 inches.

One Assortment in a Box.

SLEIGH SHOE BOLTS



Standard List, Adopted November 1, 1912.

Prices on Other than Stock Sizes Listed Below May be Taken from Carriage Bolt List.

Length, Inches	4	4½	5	5½	6	6½	7	7½	8
$\frac{1}{8}$ inch.....Per 100,	\$2.00	2.12	2.24	2.36	2.48	2.60	2.72	2.84	2.96
$\frac{3}{8}$ inch.....Per 100,	2.70	2.86	3.02	3.18	3.34	3.50	3.66	3.82	3.98

Fifty in a Package.

TIRE BOLTS

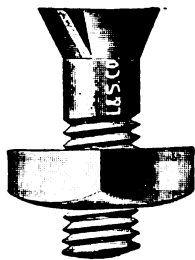


Manufacturers' Standard List, Adopted December 28, 1899.

Length, Inches	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4
$\frac{1}{8}$ inch.....Per 100,	\$0 60	.60	.60	.65	.70	.75	.80	.85	.90	....	....	....	....
$\frac{1}{4}$ inch.....Per 100,	.95	.95	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45
$\frac{3}{8}$ inch.....Per 100,	1.40	1.40	1.40	1.40	1.47	1.54	1.61	1.68	1.75	1.82	1.89	1.96	2.03

One Hundred in a Box.

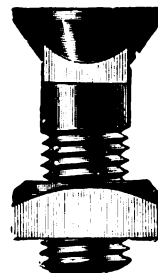
PLOW BOLTS



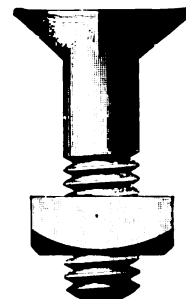
No. 1—Key Head.



No. 2—Round Head.



No. 3—Round Head, Square Shank.



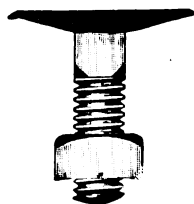
No. 4—Square Countersunk Head.

Nos. 1, 2, 3 and 4—With Forged Nuts.

Length, Inches	1	1¼	1½	1¾	2	2¼	2½	2¾
$\frac{3}{8}$ inch Diameter.....Per 100,	\$2.00	2.00	2.10	2.20	2.30	2.40	2.50	2.60
$\frac{1}{2}$ inch Diameter.....Per 100,	2.60	2.60	2.75	2.90	3.05	3.20	3.35	....
$\frac{1}{2}$ inch Diameter.....Per 100,	....	3.50	3.70	3.90	4.10	....	4.50	....

Fifty in a Box.

ELEVATOR BOLTS



No. 1—Wrought Iron.

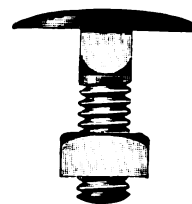
 $\frac{3}{8}$ inch Diameter.

Length, Inches	½	¾	1
Per 100	\$2.20	2.20	2.30

 $\frac{1}{2}$ inch Diameter.

Length, Inches	½	¾	1	1¼
Per 100	\$2.20	2.20	2.30	2.40

One Hundred in a Box.



No. 2—Wrought Iron.

 $\frac{3}{8}$ inch Diameter.

Length, Inches	½	¾	1
Per 100	\$2.20	2.20	2.30

 $\frac{1}{2}$ inch Diameter.

Length, Inches	¾	1	1¼
Per 100	\$2.20	2.30	2.40

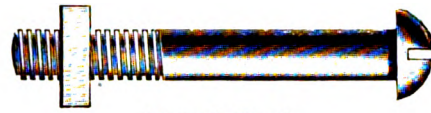
One Hundred in a Box.

STOVE BOLTS

FLAT OR ROUND HEAD



Flat Head.



Round Head.

Standard List, Adopted March 1, 1907.

Price Per Hundred.

Length, Inches	Diameter, Inches				Length, Inches	Diameter, Inches			
	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$		$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
$\frac{3}{8}$	\$0.85	\$0.85	.....	.....	2	\$1.20	\$1.20	\$1.60	\$2.30
$\frac{1}{2}$	.85	.85	\$1.20	.....	2 $\frac{1}{4}$	1.25	1.25	1.70	2.40
$\frac{5}{8}$	.85	.85	1.20	.....	2 $\frac{1}{2}$	1.30	1.30	1.80	2.50
$\frac{3}{4}$	.85	.85	1.20	\$1.75	2 $\frac{3}{4}$	1.40	1.40	1.90	2.60
$\frac{7}{8}$	.90	.90	1.25	1.80	3	1.50	1.50	2.00	2.70
1	.90	.90	1.30	1.85	3 $\frac{1}{2}$	1.70	1.70	2.20	3.00
1 $\frac{1}{4}$	1.00	1.00	1.40	1.95	3 $\frac{3}{4}$	1.80	1.80	2.30	3.15
1 $\frac{1}{2}$	1.10	1.10	1.50	2.05	4	1.90	1.90	2.40	3.30
1 $\frac{3}{4}$	1.15	1.15	1.55	2.15					

One Hundred in a Box.

STOVE BOLT ASSORTMENTS

Per Assortment

Stove Bolt Assortment—Contains 100 Assorted Stove Bolts. 60 Flat Head and 40 Round Head, as Listed Below.....\$1.50

10— $\frac{3}{8}$ x $\frac{3}{4}$ inch Flat Head.
 10— $\frac{1}{2}$ x 1 inch Flat Head.
 10— $\frac{3}{4}$ x $\frac{3}{4}$ inch Flat Head.
 10— $\frac{1}{2}$ x 1 inch Flat Head.
 10— $\frac{3}{4}$ x 1 $\frac{1}{4}$ inch Flat Head.

10— $\frac{1}{4}$ x 1 $\frac{1}{2}$ inch Flat Head.
 10— $\frac{1}{2}$ x $\frac{1}{2}$ inch Round Head.
 10— $\frac{3}{8}$ x $\frac{3}{4}$ inch Round Head.
 10— $\frac{1}{2}$ x $\frac{3}{4}$ inch Round Head.
 10— $\frac{3}{4}$ x 1 inch Round Head.

One Assortment in a Box.

EXPANSION BOLT SHIELDS

STAR UNION OR DIAMOND



Cut Shows Shield Only.



Cut Shows the Bolt Expanding the Shield.

Malleable Iron, for Lag Screws, Shields Only.

For Lag Screws, Inches.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Length of Shield, Inches.....	1 $\frac{1}{2}$	2	2 $\frac{3}{4}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$
Outside Diameter, Shield, Inches.....	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Diameter Drill Required, Inches.....	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per 100	\$9.40	10.50	13.35	22.00	27.80	39.95

The Star Union Shields are the only Shield which may be depended upon to fit the different threadings on screws. They are universally adopted.

SCREW ANCHORS

STAR OR DIAMOND



Cut Shows Anchor Only.



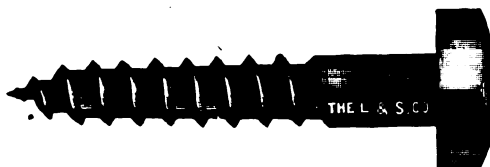
Cut Shows Anchor with Screw Inserted.

One Piece Composition Metal, without Screws.

Size of Anchor, Inches.....	$\frac{1}{4}$ x $\frac{3}{4}$	$\frac{1}{2}$ x $\frac{3}{4}$	$\frac{1}{2}$ x 1	$\frac{1}{2}$ x 1 $\frac{1}{2}$	$\frac{1}{4}$ x $\frac{1}{2}$	$\frac{1}{4}$ x $\frac{3}{4}$	$\frac{1}{4}$ x 1	$\frac{1}{2}$ x 1
For Screws, Nos.....	5,6,7,8	9,10,11,12	9,10,11,12	9,10,11,12	13,14,15	13,14,15	13,14,15	16,17,18
Outside Diameter, Inches.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Diameter of Drill Required, Inches.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Per 100	\$4.40	5.00	5.00	6.25	5.60	5.60	5.60	6.25

The Star Screw Anchor is made of a lead composition metal in one piece and is so constructed that the screw cuts its own thread. This enables its use with any wood machine or special screw, its efficiency with all styles being equal. The Star Anchor requires a smaller hole for its insertion than any other kind, a point of great importance. The Star will not break, mark or deface the finest marble or tile. The lead composition is non-rusting.

COACH OR LAG SCREWS



Square Head, Gimlet Pointed.

List Adopted November 12, 1908.

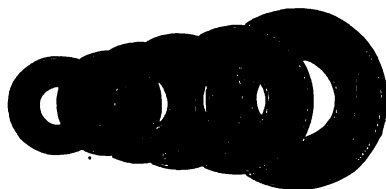
Price Per Hundred.

Length, Inches	$\frac{1}{8}$ in.	$\frac{3}{16}$ in.	$\frac{1}{4}$ in.	$\frac{5}{16}$ in.	$\frac{3}{8}$ in.	$\frac{7}{16}$ in.	$\frac{1}{2}$ in.	Length, Inches
2	\$2.45	\$2.45	\$2.96	\$3.47	\$4.11			2
2 $\frac{1}{4}$	2.65							2 $\frac{1}{4}$
2 $\frac{1}{2}$	2.65	2.65	3.22	3.79	4.47			2 $\frac{1}{2}$
3	2.85	2.85	3.48	4.11	4.83	\$7.00		3
3 $\frac{1}{2}$	3.05	3.05	3.74	4.43	5.19	7.50		3 $\frac{1}{2}$
4	3.25	3.25	4.00	4.75	5.55	8.00	\$11.30	4
4 $\frac{1}{2}$		3.45	4.26	5.07	5.91	8.50	12.00	4 $\frac{1}{2}$
5		3.65	4.52	5.39	6.27	9.00	12.70	5
5 $\frac{1}{2}$		3.85	4.78	5.71	6.63	9.50	13.40	5 $\frac{1}{2}$
6		4.05	5.04	6.03	6.99	10.00	14.10	6
6 $\frac{1}{2}$		4.25	5.30	6.35	7.35	10.50	14.80	6 $\frac{1}{2}$
7		4.45	5.56	6.67	7.71	11.00	15.50	7
7 $\frac{1}{2}$		4.65	5.82	6.99	8.07	11.50	16.20	7 $\frac{1}{2}$
8		4.85	6.08	7.31	8.43	12.00	16.90	8
8 $\frac{1}{2}$				7.95	9.15	13.00	18.30	8 $\frac{1}{2}$
9				7.95	9.15	13.00	18.30	9
9 $\frac{1}{2}$				8.59	9.87	14.00	19.70	9 $\frac{1}{2}$
10				8.59	9.87	14.00	19.70	10
10 $\frac{1}{2}$				9.23	10.59	15.00	21.10	10 $\frac{1}{2}$
11				9.23	10.59	15.00	21.10	11
11 $\frac{1}{2}$					11.31	16.00	22.50	11 $\frac{1}{2}$
12				9.87	11.31	16.00	22.50	12

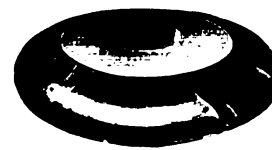
Length Given is the Measure Under the Head.

WASHERS

STEEL CUT



CAST

STEEL CUT
In Ordering, State Size of Bolts.

For Bolt, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Diameter of Hole, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Diameter of Washer, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{7}{8}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$
Thickness, Wire Gauge No.	18	16	16	14	14	12	12	10	9	9
Average Number in 100 Lbs.	44075	13845	11220	6573	4261	2683	2249	1315	1013	858
In Bulk, Per 100 Pounds	\$14.00	12.20	11.40	10.50	9.80	9.40	9.30	9.20	9.10	9.00
Per Pound in 5 Lb. Boxes										

Two Hundred Pound Kegs, or Five Pounds in a Box.

CAST IRON WASHERS

For Bolt, Inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Diameter of Hole, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Diameter of Washer, Inches	2 $\frac{3}{4}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	6
Thickness, Inches	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Weight Each, Lbs.	$\frac{5}{8}$	$\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$	3	5
All Sizes	Per Pound, \$0.05	.05	.05	.05	.05	.05	.05

Special Sizes Made to Order.

MALLEABLE IRON LOCK WASHERS

No. 10—Western Pattern.

For Bolt, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Diameter, Inches	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{2}$	4
Thickness, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{1}{2}$
Weight Per 100 Washers, Lbs.	15	22	33	50	68
Per 100 Pounds	\$0.10	.10	.10	.10	.10

Comparative Weight of Old Style Western Pattern Cast Washers.

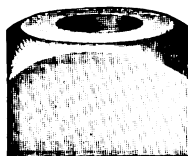
For Bolt, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Weight Per 100 Washers, Lbs.	45	66	100	150	200

Standard diameter same as cast washers; thickness about one-half of cast washers. Saves 66% per cent weight to structure. Save one-half to one inch in length of bolts. Saves 66% per cent of all freight charges and hauling to structure. 200 Pounds to a Keg.



HOT PRESSED NUTS

SQUARE BLANK, EXTRA SIZES

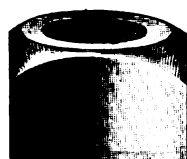


Standard List, Adopted January 1, 1906.

For Bolt, Inches.....	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Size of Hole, Inches...	5/16	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2	2 1/8
Width, Inches.....	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/2
Thickness, Inches.....	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	2 1/8
Number in 100 Lbs...	7500	3500	2100	1500	900	600	463	272	163	120	56	33	20	15
Per 100 Pounds.....	\$13.00	12.10	10.70	10.10	9.10	9.10	8.80	8.60	8.50	8.54	8.50	8.90	9.40	9.80

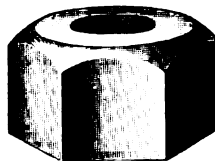
U. S. STANDARD, SQUARE, TAPPED, U. S. STANDARD THREAD

Revised List, Adopted March 1st, 1911.



For Bolt, Inches.....	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Size of Hole, Inches.....	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4
Width, Inches.....	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4
Thickness, Inches.....	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Number of Threads to Inch..	20	18	16	14	13	12	10	8	7
Number in 100 Pounds.....	7380	3958	2660	1700	2270	720	440	280	180
Per 100 Pounds.....	\$15.00	13.50	11.60	10.90	9.70	9.20	8.90	8.80	8.80

HEXAGON, BLANK, EXTRA SIZES



Standard List, Adopted January 1, 1906.

For Bolt, Inches.....	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Size of Hole, Inches.....	5/16	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2 1/8
Width, Inches.....	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3
Thickness, Inches.....	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Number in 100 Pounds...	8900	4300	2500	1600	1000	784	559	400	232	180	79	45	24
Per 100 Pounds.....	\$20.00	18.15	14.15	13.15	11.35	11.35	10.65	10.15	10.05	10.05	10.05	10.45	10.95

U. S. STANDARD, HEXAGON, TAPPED, U. S. STANDARD THREAD

Revised List, Adopted March 1st, 1911.



For Bolt, Inches.....	3/8	1/2	5/8	3/4	7/8
Size of Holes, Inches.....	1/4	5/8	3/4	1 1/4	1 1/2
Width, Inches.....	3/4	7/8	1 1/8	1 1/4	1 1/2
Thickness, Inches.....	3/8	1/2	5/8	3/4	7/8
Number in 100 Pounds.....	3200	1600	815	525	333
Per 100 Pounds.....	\$15.60	12.20	11.20	10.60	10.50

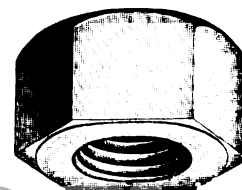
All Above, 200 Pounds in a Keg.

SEMI-FINISHED NUTS

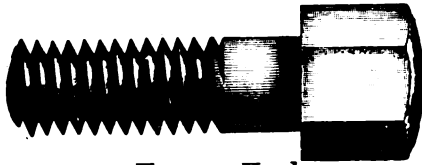
HEXAGON, THREADED

V Threads, Tapped and Faced True on Bottom. Revised List, Adopted May 5, 1911.

Thickness, Inches.....	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Size Bolt, Inches.....	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Short Diameter, Inches..	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4
Number of Threads.....	20	18	16	14	12	11	10	9	8
Each.....	\$0.02	.02 1/2	.03 1/4	.03 3/4	.04 1/2	.06 1/2	.08 1/2	.12	.17 1/2



STEEL CAP SCREWS

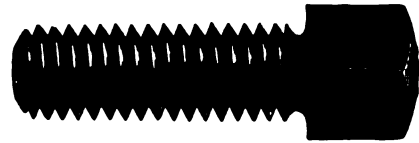


Hexagon Head.

Per Hundred.

Diam. Screw, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Diam. Head, Inches	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{5}{8}$	$\frac{1}{8}$	$\frac{3}{4}$
Length of Head, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Length Under Head, Inches	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
1	\$3.00	\$3.25	\$3.75	\$4.50	\$ 5.70	.....	.....
1 $\frac{1}{8}$	3.15	3.40	3.90	4.70	5.80	.....	.....
1 $\frac{1}{4}$	3.25	3.50	4.00	4.90	5.90	\$ 9.25	\$ 9.25
1 $\frac{3}{8}$	3.50	3.75	4.00	5.30	6.50	9.50	9.50
1 $\frac{1}{2}$	3.75	4.00	4.25	5.70	7.10	10.00	10.00
1 $\frac{3}{4}$	4.00	4.25	4.85	6.10	7.70	10.75	10.75
2	4.25	4.85	5.20	6.50	8.30	11.50	11.50
2 $\frac{1}{8}$	4.70	5.35	5.55	7.15	8.90	12.60	12.60
2 $\frac{1}{4}$	5.25	5.80	6.00	7.50	9.50	13.60	13.60
2 $\frac{3}{8}$	5.75	6.30	6.65	7.90	10.10	14.40	14.40
2 $\frac{1}{2}$	6.25	6.80	7.20	8.40	10.70	15.20	15.20
3							
Threads Per Inch	20	18	16	14	12 or 13	12	11

STEEL SET SCREWS



Square Head, Cup Point, V Thread.

Per Hundred.

Diam. Screw, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Length Under Head, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
1	\$1.80	\$2.00	\$2.35	.....	.....	.....	.....
1 $\frac{1}{8}$	1.90	2.10	2.45	\$2.80	\$3.30	.....	.....
1 $\frac{1}{4}$	2.00	2.20	2.50	2.90	3.40	\$ 5.00	\$ 5.00
1 $\frac{3}{8}$	2.10	2.30	2.60	3.00	3.60	5.50	5.50
1 $\frac{1}{2}$	2.15	2.35	2.65	3.10	3.80	5.75	5.75
1 $\frac{3}{4}$	2.30	2.50	2.85	3.50	4.30	6.50	6.50
2	2.50	2.70	3.10	4.00	4.80	7.25	7.25
2 $\frac{1}{8}$	2.75	3.00	3.50	4.50	5.40	8.00	8.00
2 $\frac{1}{4}$	3.25	3.50	4.00	5.15	6.00	8.80	8.80
2 $\frac{3}{8}$	3.75	4.00	4.50	5.75	6.75	9.60	9.60
2 $\frac{1}{2}$	4.25	4.50	5.00	6.35	7.50	10.40	10.40
2 $\frac{3}{4}$	4.75	5.00	5.50	6.75	8.25	11.20	11.20
3	5.25	5.50	6.00	7.20	9.00	12.00	12.00
Threads Per Inch	20	18	16	14	12 or 13	12	11

STEEL CAP SCREW ASSORTMENTS

HEXAGON HEAD



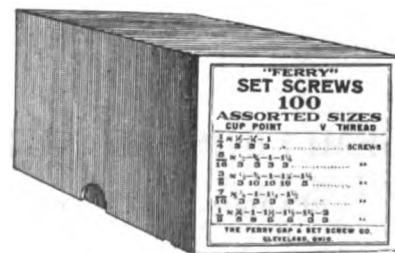
Assorted Cap Screws—Put up 50 V Thread Assorted Sizes in a Box **Per Box \$2.00**

CONTENTS OF BOX

3— $\frac{1}{4}$ x $\frac{1}{2}$ inch.	4— $\frac{5}{16}$ x 1 inch.	3— $\frac{3}{8}$ x 1 $\frac{1}{4}$ inch.	2— $\frac{7}{8}$ x 1 inch.	4— $\frac{1}{2}$ x 1 $\frac{1}{4}$ inch.
3— $\frac{1}{4}$ x $\frac{3}{4}$ inch.	7— $\frac{3}{8}$ x $\frac{3}{4}$ inch.	3— $\frac{3}{8}$ x 1 $\frac{1}{2}$ inch.	2— $\frac{7}{8}$ x 1 $\frac{1}{4}$ inch.	4— $\frac{1}{2}$ x 1 $\frac{1}{2}$ inch.
4— $\frac{5}{16}$ x $\frac{3}{4}$ inch.	6— $\frac{3}{8}$ x 1 inch.	2— $\frac{7}{8}$ x $\frac{3}{4}$ inch.	3— $\frac{1}{2}$ x 1 inch.	

STEEL SET SCREW ASSORTMENTS

SQUARE HEAD, CUP POINT, CASE HARDENED

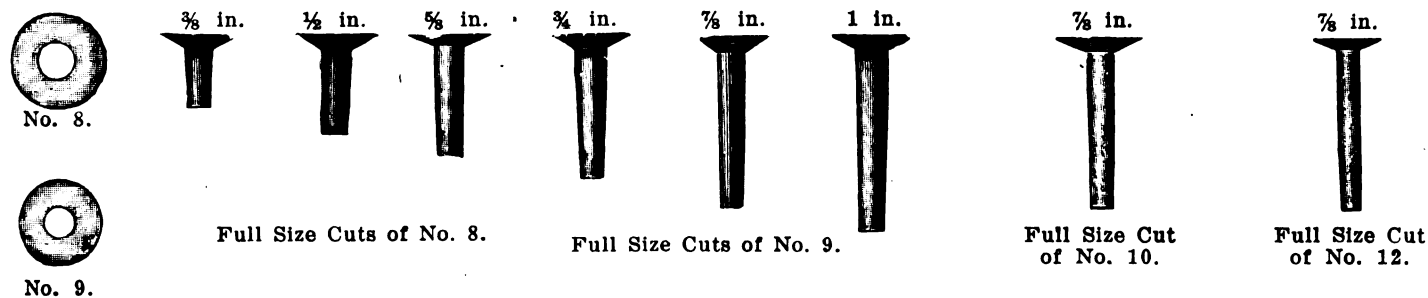


Assorted Set Screws—Put up 100 V Thread Assorted Sizes in a Box **Per Box \$2.20**

CONTENTS OF BOX

3— $\frac{1}{4}$ x $\frac{1}{2}$ inch.	3— $\frac{5}{16}$ x 1 inch.	10— $\frac{3}{8}$ x 1 $\frac{1}{4}$ inch.	3— $\frac{7}{8}$ x 1 $\frac{1}{4}$ inch.	5— $\frac{1}{2}$ x 1 $\frac{1}{2}$ inch.
3— $\frac{1}{4}$ x $\frac{3}{4}$ inch.	3— $\frac{5}{16}$ x 1 $\frac{1}{4}$ inch.	5— $\frac{3}{8}$ x 1 $\frac{1}{2}$ inch.	3— $\frac{7}{8}$ x 1 $\frac{1}{2}$ inch.	8— $\frac{1}{2}$ x 1 inch.
3— $\frac{1}{4}$ x 1 inch.	3— $\frac{3}{8}$ x $\frac{1}{2}$ inch.	3— $\frac{7}{8}$ x $\frac{3}{4}$ inch.	5— $\frac{1}{2}$ x $\frac{3}{4}$ inch.	3— $\frac{1}{2}$ x $\frac{3}{4}$ inch.
3— $\frac{5}{16}$ x $\frac{1}{2}$ inch.	10— $\frac{3}{8}$ x $\frac{3}{4}$ inch.	3— $\frac{7}{8}$ x 1 inch.	5— $\frac{1}{2}$ x 1 $\frac{1}{4}$ inch.	3— $\frac{1}{2}$ x 2 inch.
3— $\frac{5}{16}$ x $\frac{3}{4}$ inch.	10— $\frac{3}{8}$ x 1 inch.			

COPPER RIVETS AND BURRS



IN ONE POUND BOXES

Straight Sizes.

	Per Pound
No. 5—Length $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch.....	\$0.49
No. 7—Length $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch.....	.49
No. 8—Length $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch.....	.50
No. 9—Length $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch.....	.52
No. 10—Length $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch.....	.54
No. 12—Length $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.....	.58

Assorted Sizes.

	Per Pound
No. 7—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	\$0.52
No. 8—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.53
No. 9—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.55
No. 10—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.57
No. 12—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.61

IN HALF POUND BOXES

Straight Sizes.

	Per Pound
No. 7—Length $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch.....	\$0.52
No. 8—Length $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.....	.53
No. 9—Length $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.....	.55
No. 10—Length $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch.....	.57
No. 12—Length $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, inch.....	.61

Assorted Sizes.

	Per Pound
No. 7—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	\$0.55
No. 8—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.56
No. 9—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.58
No. 10—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.60
No. 12—Assorted $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.64

IN QUARTER POUND BOXES

	Per Pound
No. 9—Assorted, $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	\$0.60

One Dozen Boxes (Three Pounds) in a Carton.

TABLE SHOWING NUMBER OF COPPER RIVETS AND BURRS TO THE POUND

Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	Burrs
No. 7.....	211	171	150	132	110	97	91	72	368
No. 8.....	266	227	172	147	136	116	100	88	417
No. 9.....	365	261	228	184	169	156	133	113	600
No. 10.....	411	336	257	223	206	180	162	...	820
No. 12.....	545	400	325	292	257	221	190	...	1167

BELT RIVETS AND BURRS

Full Size Cuts of No. 9.
Coppered Iron.

	Per Pound
No. 8—Assorted, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch.....	\$0.44
No. 9—Assorted, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch.....	.45

One-half Pound in a Box.

Tinned Iron.

	Per Pound
No. 8—Lengths $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ and 1 inch.....	\$0.36

One Pound in a Box.

RIVETING BURRS



No. 7.

No. 8.

No. 9.

Copper.

Nos.	7	8	9	10
Per Pound	\$0.49	.50	.52	.54

Tinned Iron.

Nos.	7	8	9
Per Pound	\$0.43	.44	.45

One Pound in a Box.

TUBULAR RIVETS



Japanned.

	Per Dozen Boxes
No. 5—(50 in a Box), Assorted $\frac{3}{8}$ to 8/16 inch.....	\$0.70
No. 10—(100 in a Box), Assorted $\frac{3}{8}$ to 8/16 inch.....	1.10

One Hundred in a Box, One Dozen in a Carton.

Coppered.

	Per Dozen Boxes
No. 15—(50 in a Box), Assorted $\frac{3}{8}$ to 8/16 inch.....	\$0.70
No. 25—(100 in a Box), Assorted $\frac{3}{8}$ to 8/16 inch.....	1.10

One Hundred in a Box, One Dozen in a Carton.

TUBULAR, STRAIGHT SIZES

Japanned, 100 in a Box.			
Length, Inches	6/16	8/16	10/16
Per Dozen	\$2.30	2.70	3.25
Coppered, 100 in a Box.			
Length, Inches	6/16	8/16	10/16
Per Dozen	\$2.30	2.70	3.25

One Dozen Boxes in a Carton.

Japanned, 1,000 in a Box.

Length, Inches	4/16	5/16
Per 1000	\$1.80	1.80

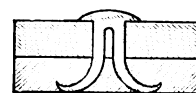
1000 in a Box.

SLOTTED CLINCH RIVETS

4/16 5/16 6/16 7/16 8/16



Actual Size of Rivets.



Cut Shows Rivet Clinched.

Coppered, Annealed Steel.

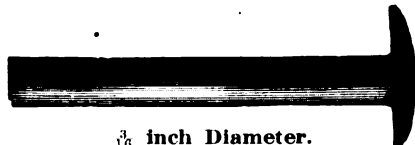
One Rivet Set Furnished with Each Box of Rivets.

Per Dozen Boxes

No. 9—Clinch Rivets, Assorted Lengths, 4/16 to 8/16 inch, 100 in a Box	.....	\$0.80
No. 900—Clinch Rivets, Assorted Lengths, 4/16 to 8/16 inch, 50 in a Box	.....	.60
No. 90—Clinch Rivets, Assorted Lengths, 4/16 to 8/16 inch, 100 in a Tin Box	.....	1.30
One Dozen Boxes in a Carton.		

IRON RIVETS

FLAT HEAD, WAGON BOX



OVAL HEAD, CARRIAGE

 $\frac{1}{8}$ inch Diameter.

Length, Inches...	$\frac{3}{4}$	$1, 1\frac{1}{4}, 1\frac{1}{2}, 1\frac{3}{4}, 2, 2\frac{1}{4}, 2\frac{1}{2}, 2\frac{3}{4}, 3$
Per Pound.....	\$0.21 $\frac{1}{2}$	.21
$\frac{1}{4}$ inch Diameter.		
Length, Inches..	$\frac{3}{4}$	$1, 1\frac{1}{4}, 1\frac{1}{2}, 1\frac{3}{4}, 2, 2\frac{1}{4}, 2\frac{1}{2}, 2\frac{3}{4}, 3, 3\frac{1}{2}, 4$
Per Pound.....	\$0.20 $\frac{1}{2}$	.20

Length, In....	$\frac{1}{2}, \frac{5}{8}$	$\frac{3}{4}, \frac{7}{8}$	$1, 1\frac{1}{4}, 1\frac{1}{2}, 1\frac{3}{4}, 2, 2\frac{1}{4}, 2\frac{1}{2}, 2\frac{3}{4}, 3, 3\frac{1}{2}$
Per Pound....	\$0.22	.21 $\frac{1}{2}$	.21
$\frac{1}{4}$ inch Diameter.			
Length, In....	$\frac{1}{2}, \frac{5}{8}$	$\frac{3}{4}, \frac{7}{8}$	$1, 1\frac{1}{4}, 1\frac{1}{2}, 1\frac{3}{4}, 2, 2\frac{1}{4}, 2\frac{1}{2}, 2\frac{3}{4}, 3, 3\frac{1}{2}, 4$
Per Pound...	\$0.21	.20 $\frac{1}{2}$	.20

Five Pounds in a Box.

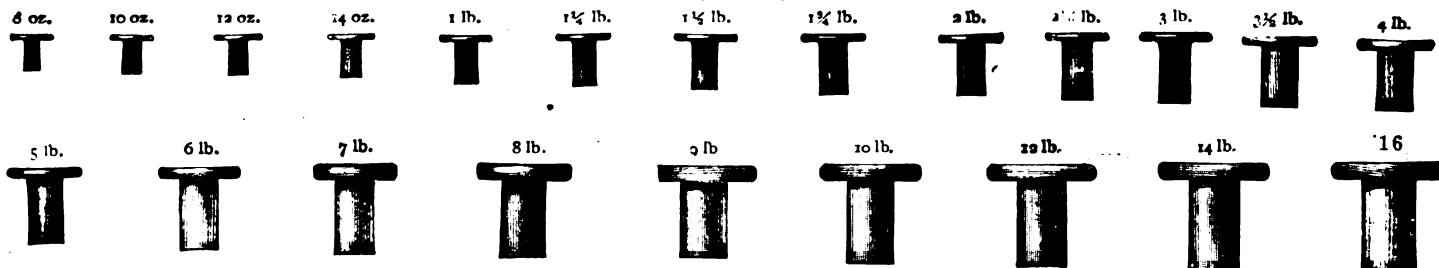
SECTION RIVETS

No. 6—Diameter $\frac{1}{8}$ inch.

Length, Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per Pound	\$0.25	.22	.22	.21 $\frac{1}{2}$	.21 $\frac{1}{2}$	.21

One Pound in a Box.

TINNERS' RIVETS



Black Iron.

Size, Ozs.	8	10	12	14
Diameter, Wire Gauge.....	13 $\frac{1}{4}$	13	12 $\frac{1}{4}$	12
Length Under Head, Inches.....	$\frac{3}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{2}$
Per 1000	\$0.22	.24	.26	.28
Size, Lbs.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Diameter, Wire Gauge.....	11 $\frac{3}{4}$	11	10 $\frac{1}{4}$	10
Length Under Head, Inches.....	$\frac{3}{2}$	$\frac{3}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Per 1000	\$0.29	.32	.37	.41
Size, Lbs.	5	6	7	8
Diameter, Wire Gauge.....	6 $\frac{3}{4}$	6	5 $\frac{1}{4}$	4 $\frac{3}{4}$
Length Under Head, Inches.....	$\frac{3}{2}$	$\frac{3}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Per 1000	\$1.00	1.12	1.31	1.50
Size, Lbs.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Per 1000	\$0.47	.54	.64	.72
Size, Lbs.	5	6	7	8
Per 1000	\$1.88	2.17	2.54	2.90

Tinned Iron.

Size, Lbs.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Per 1000	\$0.47	.54	.64	.72
Size, Lbs.	5	6	7	8
Per 1000	\$1.88	2.17	2.54	2.90

One Thousand in a Package.

Note—Wire Gauge and Length of Tinned is Same as on Black.

MILK CAN RIVETS



For Side Handles on Factory Milk Cans.

No. 5— $\frac{1}{2}$ inch, Flat Countersunk Head, Tinned	.....	Per Pound \$0.25
One Pound in a Package.		

RIVETING BURRS



Diameter of Hole, Inches.....	$\frac{1}{8}$ inch.	$\frac{1}{4}$ inch.
Gauge No.	18	17
Per Pound	\$0.28	.23
One Pound in a Box.		

SPRING COTTERS

Full Size Cuts.



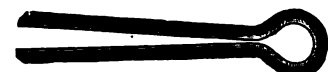
No. 30.



No. 31.



No. 32.



No. 33.



No. 34.



No. 35.



No. 37.

Nos.	30	31	32	33	34	35	35 1/2	36	37
Length, Inches	3/4	1	1	1 1/4	1 1/4	1 1/2	1 1/2	1 3/4	2
Thickness, Inches	3/32	3/32	1/8	1/8	3/16	3/16	1/4	1/4	1/4
Per 1000	\$4.15	4.80	6.70	7.55	14.50	16.20	27.00	30.50	34.00

Nos. 30 to 32, One Thousand; Nos. 33 to 35, One-half Thousand; Nos. 36 and 37, One-quarter Thousand in a Box.

Spring Cotten are measured from under the Eye to get the available length.

SPRING COTTER ASSORTMENTS

Per Assortment
 No. 1A Assortment—For Agricultural Trade, Contains 100 Assorted Sizes as Listed Below,
 in a Neat Pasteboard Box.....\$1.00



CONTENTS OF No. 1A ASSORTMENT

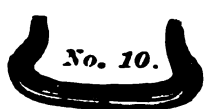
10 Each,	3/32 inch Diameter by 3/4 and 1 inches Long.
10 Each,	1/8 inch Diameter by 1 and 1 1/4 inches Long.
10 Each,	1/16 inch Diameter by 1 1/4 and 1 1/2 inches Long.
10 Each,	1/4 inch Diameter by 1 3/4 and 2 inches Long.
10 Each,	1/2 inch Diameter by 2 and 2 1/2 inches Long.

Weight Per Dozen Boxes 27 Pounds.

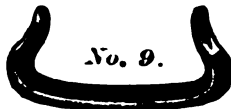
One Dozen Boxes in a Carton.

BELT HOOKS

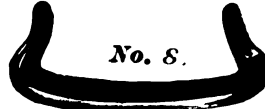
JONES' PATENT



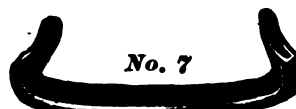
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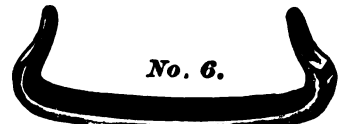
No. 9.



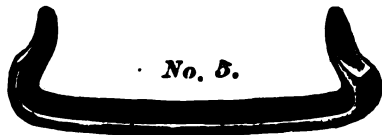
No. 8.



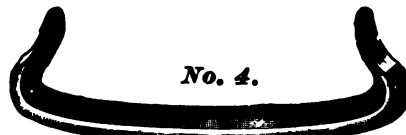
No. 7.



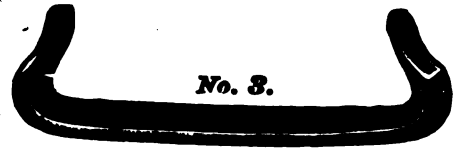
No. 6.



No. 5.



No. 4.



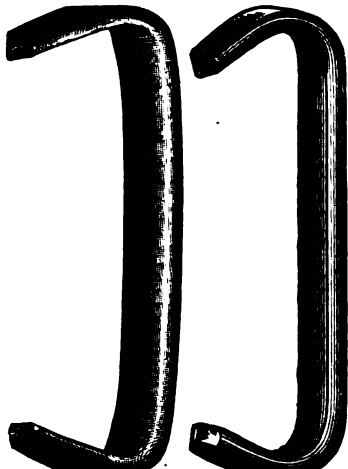
No. 3.

Best Quality Norway Iron, Beveled Points.

Nos.	10	9	8	7	6	5	4	3	2	1	0.	00
Length, Inches	3/4	1	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2	2 1/8	2 3/8	2 1/2	3
Number in Box	500	500	500	250	250	250	200	200	200	100	100	100
Per 1000	\$3.50	4.00	5.00	6.00	8.50	11.00	14.00	16.00	20.00	30.00	50.00	60.00

The above hooks clinch perfectly, leaving a smooth surface, which lessens the wear and tear of belting, prevents the cutting and wearing of wooden and leather covered pulleys, and are adapted to belts running at a high rate of speed, as they will jump or slip in passing over the pulley.

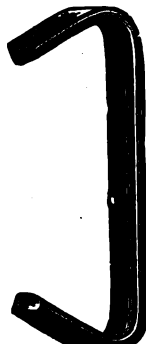
POINTED



No. 3.



No. 4.



No. 5.



No. 6.



No. 7.



No. 8.



No. 9.

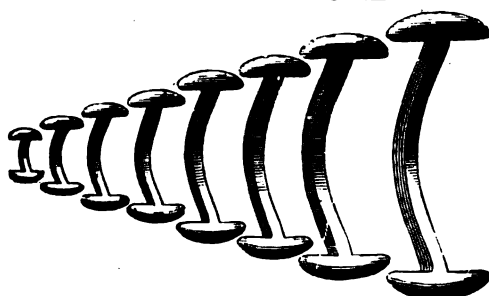


No. 10.

Nos.	10P	9P	8P	7P	6P	5P	4P	3P	2P	1P
Length, Inches	1 3/4	1 3/4	1 1/4	1 1/8	1 1/4	2 3/8	2 1/8	2 1/8	2 1/8	2 1/2
Number in Box	300	300	200	200	200	100	100	100	100	100
Per Hundred	\$0.35	.40	.50	.60	.85	1.10	1.40	1.60	2.00	3.00

BELT STUDS

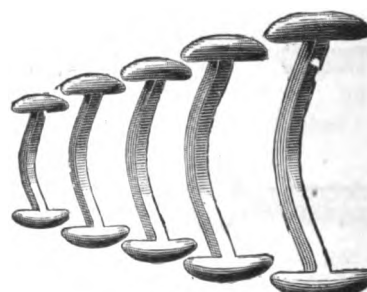
BLAKE'S GENUINE



	6	5	4	3	2	1	0	00
Specially Prepared Metal for Leather and Rubber Belting.								
Nos.	8					1	1	0 00
Per Hundred	\$0.90				1.25	1.65	2.00	2.50

The strongest and best Fasteners for leather and rubber belting. No. 00 for the heaviest double leather or 5 and 6 ply rubber belt. For single leather belt use Nos. 1 and 2.
One Hundred in a Box.

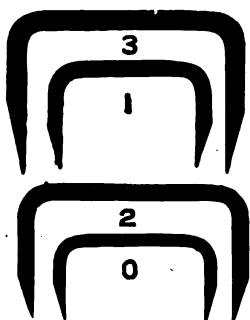
EMPIRE



	3	2	1	0	00
Fine Brass, Same Finish as the Blake's, but not Strengthened by the Swaging Process.					
Nos.	3E	2E	1E	OE	00E
Per Hundred	\$0.90	1.25	1.65	2.00	2.50

One Hundred in a Box.

BELT FASTENERS



Full Size Cut.

Made of Special Tempered Steel Wire, Making a Perfect Clinch.

Nos.	OF	1F	2F	3F
Per Thousand	\$2.50	2.50	2.50	2.50

Two Hundred in a Box.

No. 0 is used for single leather and light rubber belts, No. 1 for all belts less than 4-ply, No. 2 from 4 to 6-ply, No. 3 from 6 to 10-ply.

The above cuts represent the Belt Fasteners in use. No. 1 is a square buttoned joint, shown on the outside of the belt. No. 2 shows the inside, with part of the joints clinched down. No. 3 shows a lap joint with the Fasteners across the edges; they can also be used in the center, in place of rivets, as shown. No. 4 is a diagonal lap or splice. No. 5 represents a V splice.

BELT LACING

BRISTOL'S PATENT STEEL

READY TO APPLY FINISHED JOINT
Staggered Points, Assorted Widths.

	Per Box
No. 110—For all Kinds of Belts, $\frac{1}{8}$ to $\frac{1}{2}$ inch Thick, Split Leather and Light Rubber and Cotton Belts...	\$1.00
No. 111—For all Kinds of Belts, $\frac{1}{8}$ to $\frac{1}{4}$ inch Thick, Ordinary Single Leather, 3-Ply Rubber and Cotton Belts	1.50
No. 112—For all Kinds of Belts, $\frac{1}{4}$ to $\frac{3}{8}$ inch Thick, Extra Heavy and Single Leather, 4-Ply Rubber and Cotton Belts	2.00
No. 113—For all Kinds of Belts, $\frac{3}{8}$ to $\frac{3}{4}$ inch Thick, Double Leather, 5-Ply Rubber and Cotton Belts...	2.50

For general use in leather, rubber, cotton, woven and all other belts. Cold rolled steel, smooth and elastic joints, requires no special tools, does not cut belt fibres.
One Hundred Inches in a Box (Enough to Lace One Hundred Inches in Width of Belt).

BRISTOL WIRE



Special Alloy Wire, White Finish.

	Per Box
No. 50—For Single Belts, 2 $\frac{1}{2}$ inches Wide and Under...	\$1.00
No. 51—For Single Belts, 3 to 5 inches Wide.....	1.00
No. 52—For Single Belts, 6 to 12 inches Wide.....	1.00

The special alloy wire has both the required strength and the extra flexibility which is required for fastening belts without a machine.

Fifty Feet in a Box.

BELT LACING**COCHECO**

Extra Quality, Cream Colored Rawhide, Unsurpassed in Pliability, Strength, Life and Smooth, Pleasing Appearance.

Width, Inches.....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Per 100 Feet.....	\$2.50	3.75	5.50	6.50

ORIOLE

First Quality Indian Tanned, Rich Brown Color, Soft and Pliable.

Width, Inches.....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Per 100 Feet.....	\$2.50	3.75	5.50	6.50

RICHMOND

Good Quality.

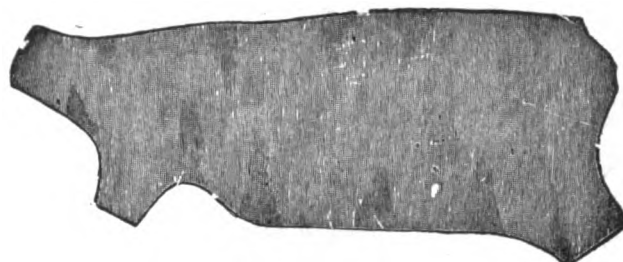
Width, Inches.....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Per 100 Feet.....	\$2.50	3.75	5.50	6.50

One Hundred Feet in a Bundle.

LACE CUTTERS**EMPIRE**

No. 60—Empire, Adjustable, Steel Nickel Plated Blade and Thumb Screw, Will Cut Any Width up to $\frac{3}{4}$ inch, Japanned\$6.00
One-twelfth Dozen in a Box.

Per Dozen

LACE LEATHER

Per Square Foot
Cocheco—Extra Quality, Cream Colored Rawhide, Unsurpassed in Pliability, Strength, Life and Smooth Pleasing Appearance\$0.90

Eight to Sixteen Feet in a Side.

BELT DRESSING

HIGH GRADE, NON-SLIP



Per Pound
No. 92—High Grade, in 9x2 inch Sticks, for Leather and Rubber Belting, Weight Per Stick 1 Lb.....\$0.40

High Grade Belt Dressing is a wool fat, the grease that is extracted from sheep's wool before woven into cloth. It is pure, free from alkalies and acids.

It is brown in color. It contains no pine tar which is analogous to leather.

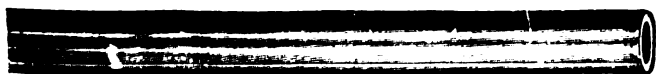
RED SHEET PACKING**DELTA RED**

High Pressure.

Thickness, Inches	$\frac{1}{8}$	$\frac{3}{8}$
Width, Inches	36	36
Weight Per Square Yard, Lbs.....	6 $\frac{1}{10}$	14 $\frac{1}{2}$
Per Pound	\$1.00	1.00

A Tough Rubber Packing made especially for high pressure, and guaranteed equal to the best on the market, it conforms readily to any joint or surface, and does not become hard with age.

Cut to Order Any Length.

**WATER GAUGE GLASSES****GENUINE SCOTCH, EUREKA BRAND**

Length, Inches.....	8	10	12	14	15	18
$\frac{1}{2}$ inch Diam..Per Doz.,	2.76	3.32				
$\frac{3}{4}$ inch Diam..Per Doz.,	3.33	3.33	4.00	4.67	5.00	
$\frac{1}{2}$ inch Diam..Per Doz.,	4.37	4.37	5.24		6.55	7.86

One-half Dozen in a Package.

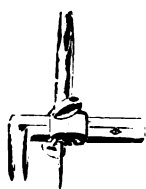
GAUGE GLASS GASKETS

Pure Rubber.

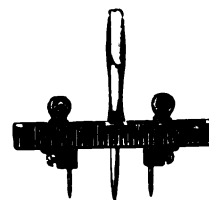
Size, Inches	$\frac{5}{8}$	$\frac{3}{4}$
Per Gross	\$2.50	2.50

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WASHER CUTTERS



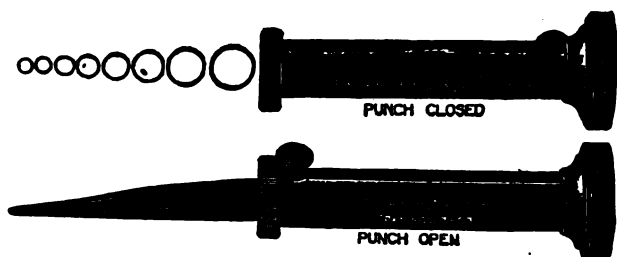
No. 124—Polished, Solid Steel Blades, Rule from $\frac{1}{2}$ to 5 inches \$14.00
 Weight Per Dozen 6 Pounds.
 One-half Dozen in a Box.



No. 122—Polished, Solid Cast Steel Blades, Rule from $\frac{1}{2}$ to 4 $\frac{1}{2}$ inches \$22.00
 Weight Per Dozen 5 $\frac{1}{2}$ Pounds.
 One-half Dozen in a Box.

BELT PUNCHES

ROGER'S



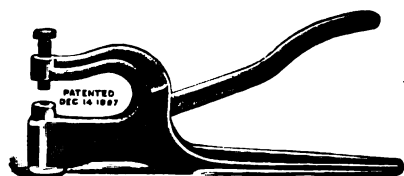
Per Dozen
 Roger's—Will Cut Any Size Hole from $\frac{1}{16}$ to $\frac{3}{8}$ inch in Canvas, Rubber, Heavy Double Leather or Oak Tanned Belting \$9.00

In using the Punch, simply extend the blade to the size hole desired, push the blade straight through the belt up to the handle, pressing the end of the handle firmly against the belt, and turn it one-half around, which takes out the core of the size of hole desired. Do not bend to an angle. Easily carried in the vest or overall pocket.

One Dozen on Display Card.

RIVETING MACHINES

LITTLE GIANT

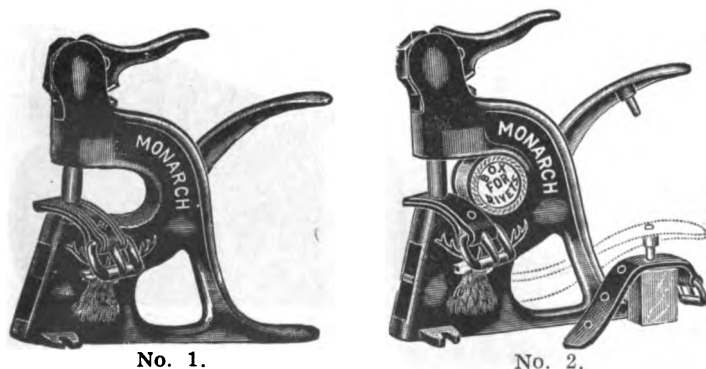


No. 500—6 inches High, Base 11 $\frac{1}{2}$ inches Long, Japanned Malleable Iron Frame, Trimmed with Gold, Tool Steel Plunger for Tubular and Slotted Rivets. . . \$7.00

Weight Per Dozen 27 Pounds.

Open Stock.

MONARCH



No. 1.

No. 2.

No. 1—6 inches High, 7 inches Long, Malleable Iron Frame and Lever, Japanned, Hardened Steel Plunger and Anvil, Adjustable to Any Length Tubular and Split Rivets, Upper Lever Adjusts Machine Instantly, Lower or Large Lever Sets the Rivet, Weight Per Dozen 26 Lbs. \$ 8.00

No. 2—With Strap and Harness Repair Attachment and Pocket for Holding Box of Rivets. 10.50

One-quarter Dozen in a Box.

GEM



No. 25—6 $\frac{1}{2}$ inches High, Base 5 $\frac{1}{2}$ inches Long, Malleable Iron Frame, Black Japanned, Hardened Steel Working Parts, Automatically Adjusts to the Various Lengths of Tubular and Split Rivets. \$12.00
 Weight Per Dozen 33 Pounds.
 One-twelfth Dozen in a Box.

BEST YET



No. 10—6 $\frac{1}{2}$ inches High, Base 6 inches Long, Malleable Iron Frame and Lever, Case Hardened Steel Working Parts, Large Throat, with Pocket for Carrying Rivets, Black Japanned, Trimmed with Gilt. \$20.00
 This machine will set all lengths tubular or split Harness Rivets without adjustment.

One-twelfth Dozen in a Box.

DEPARTMENT NO. 4

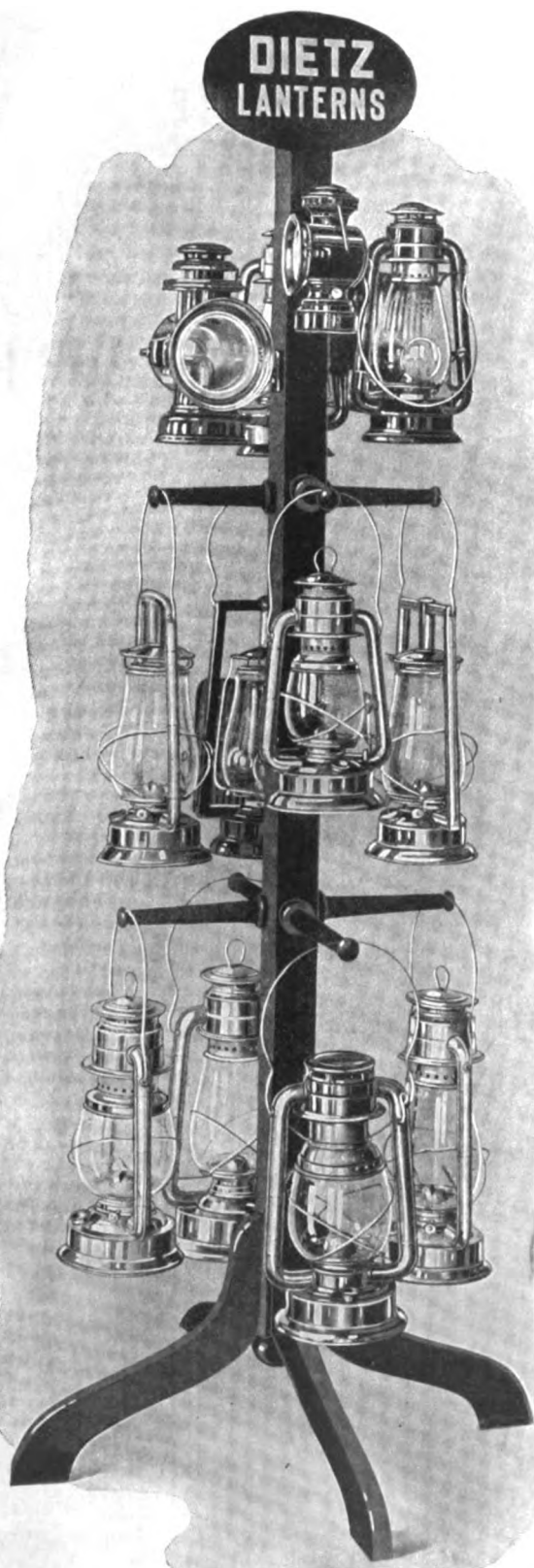
MISCELLANEOUS HARDWARE

LANTERNS, LAMP CHIMNEYS AND GLOBES,
MANTLES, OIL STOVES AND HEATERS, STOVE
SUNDRIES, STOVE PIPE, ELBOWS, COAL
HODS, STOVE BOARDS, OIL CLOTH RUGS,
REGISTERS, OIL CANS, OILERS, SHOE
FINDINGS, TWINES, WRAPPING PAPER, SAND
PAPER, GLASS, PUTTY, GLASS CUTTERS,
PAINT AND WHITEWASH BRUSHES,
WEATHER STRIPS, SCREEN DOORS, WIRE
CLOTH, BUILDING PAPER, CORDAGE, PUMPS,
SINKS, TRUNKS AND BAGS

Wm. Frankfurth Hardware Co.

MILWAUKEE

LANTERN ASSORTMENTS



A Dietz Lantern Display Stand in Your Store
Will Result in Sales Being Made that
Otherwise Would not Occur.

Per Assortment

No. 12—Consists of a Dietz Lantern Display Stand, Constructed of Fumed Oak, 70 inches High, 29 inches Spread at Base, Complete with 12 Assorted Popular Dietz Lanterns as Described Below.....\$22.00

CONTENTS OF ASSORTMENT

- 1—Dietz "Octo" Driving Lantern, 10 $\frac{1}{4}$ inches High, Cold Rolled Steel Body, Black Enameled, 30 Candle Power Lens, Will Burn 10 Hours.
- 1—Dietz "Eureka" Driving Lantern, 7 $\frac{1}{4}$ inches High, Cold Rolled Steel Body, Black Enameled, 3 inch Door Lens, Will Burn 10 Hours.
- 1—"Junior" Brass Lantern, 12 inches High, Brass, No. 1 Burner, Gives a Light of 6 Candle Power, Will Burn 12 Hours.
- 1—"Junior" Driving Lantern, 12 inches High, Black Enameled, No. 1 Burner, Gives a Light of 10 Candle Power, Will Burn 13 Hours.
- 1—"Little Wizard" Lantern, 11 $\frac{1}{2}$ inches High, Bright Tin, No. 1 Burner, Gives a Light of 6 Candle Power, Will Burn 18 Hours.
- 1—"Monarch" Lantern, 13 $\frac{1}{2}$ inches High, Bright Tin, No. 1 Burner, Gives a Light of 4 Candle Power, Will Burn 18 Hours.
- 1—"Victor" Lantern, 13 $\frac{1}{4}$ inches High, Bright Tin, No. 1 Burner, Gives a Light of 4 Candle Power, Will Burn 19 Hours.
- 1—"Buckeye" Dash Lantern, 13 $\frac{1}{4}$ inches High, Black Enameled, No. 1 Burner, Gives a Light of 10 Candle Power, Will Burn 19 Hours.
- 1—"Wizard" Lantern, 13 $\frac{1}{4}$ inches High, Bright Tin, No. 2 Burner, Gives a Light of 10 Candle Power, Will Burn 20 Hours.
- 1—"D-Lite" Lantern, 13 $\frac{1}{4}$ inches High, Bright Tin, No. 2 Burner, Gives a Light of 10 Candle Power, Will Burn 20 Hours.
- 1—"Special Blizzard" Lantern, 15 inches High, Bright Tin, No. 2 Burner, Gives a Light of 10 Candle Power, Will Burn 40 Hours.
- 1—"Blizzard" Lantern, 14 $\frac{3}{4}$ inches High, Bright Tin, No. 2 Burner, Gives a Light of 10 Candle Power, Will Burn 20 Hours.

Weight Per Assortment 85 Pounds.

Designed to carry a good assortment of salable and profitable Dietz Hand and Driving Lanterns in such manner as to place them just where they will catch your customer's eye.

This Stand occupies but little space, yet has a base wide enough to make it practically impossible to tip over.

Weight Per Assortment 85 Pounds.

LANTERNS

LITTLE STAR, HOT BLAST



Per Dozen

Little Star—11 inches High, Square Tubular, Bright Tin, Positive Locking Globe Lift, Dome Shaped Solderless Oil Fount, No. 1 Patented Tinned Steel Burner, $\frac{5}{8}$ inch Wick, White U. S. Globe, Security Standing Bail Hooked into Patent Brass Eyelets. \$8.50
Gives a light of 3 candle power. Fount holds sufficient oil to burn 12 hours.

Weight Per Dozen 27 Pounds.

One Dozen in a Box.

BLIZZARD, COLD BLAST



Per Dozen

No. 2—14 $\frac{3}{4}$ inches High, Round Tubular, Bright Tin, Inside Globe Lift, with Guard, Reinforced Tube, Dome Shaped Solderless Oil Fount with Large Oil Filler, No. 2 Tinned Steel "Blizzard Coneless" Wing-Lock Burner, 1 inch Wick, White Full Weight Selected Blizzard Globe, Security Standing Bail Hooked into Patent Brass Eyelets. \$15.00
Gives a light of 10 candle power. Fount holds sufficient oil to burn 20 hours.

Weight Per Dozen 52 Pounds.

One-half Dozen in a Case.

Blizzard Cold Blast Lanterns are equipped with new coneless burners, the cone being an integral part of the globe plate. Attention is called to the facility with which the wick may be cleaned, trimmed and lighted.

IMPROVED HY-LO, HOT BLAST



Per Dozen

Hy-Lo—13 $\frac{1}{2}$ inches High, Square Tubular, Bright Tin, Simple Globe Lift, with Guard, No. 1 Patented Tinned Steel Burner, $\frac{5}{8}$ inch Wick, White Fitzall Globe. \$8.00
Gives a light of four candle power. Fount holds sufficient oil to burn 18 hours.

The Hy-Lo is superior to any of the cheap imitations of the Dietz Standard Brands on the market.

Weight Per Dozen 35 Pounds.
One Dozen in a Case.

SPECIAL BLIZZARD, COLD BLAST



Per Dozen

No. 2-S—Special, 15 inches High, Round Tubular, Bright Tin, Reinforced Tubes, Inside Globe Lift, with Guard, Extra Large Fount with Large Oil Filler, No. 2 Tinned Steel "Blizzard Coneless" Wing-Lock Burner, 1 inch Wick, White Full Weight Blizzard Globe, Security Standing Bail Hooked into Patent Brass Eyelets. \$17.00
Gives a light of 10 candle power. Fount holds sufficient oil to burn 40 hours.

Weight Per Dozen 60 Pounds.

One-half Dozen in a Case.

MONARCH, HOT BLAST



Per Dozen

Monarch—13 $\frac{1}{2}$ inches High, Round Tubular, Bright Tin, Positive Locking Globe Lift with Guard, Dome Shaped Solderless Oil Fount, No. 1 Patent Safety Wing-Lock Burner, $\frac{5}{8}$ inch Wick, White Fitzall Globe, Security Standing Bail Hooked into Patent Brass Eyelets. \$9.00
Ruby Monarch—Same as Above, but with Ruby Globe. 11.50
Gives a light of 4 candle power. Fount holds sufficient oil to burn 18 hours.

Weight Per Dozen 36 Pounds.
One Dozen in a Box.

JUNIOR, COLD BLAST



Per Dozen

Junior-T—12 inches High, Round Tubular, Bright Tin, Inside Globe Lift with Guard, Dome Shaped Solderless Oil Fount with Brass Oil Filler, No. 1 Patented Tinned Steel Wing-Lock Burner, 1 inch Wick, White Junior Cold Blast Globe, Security Standing Bail Hooked into Patent Brass Eyelets. \$12.00
Junior-B—Brass, Otherwise Same as Above. 28.50
Junior-NP—Brass, Nickel Plated, Otherwise Same as Above. 31.00
The smallest of the Dietz Cold Blast Lanterns gives a light 6 candle power. Fount holds sufficient oil to burn 12 hours.

Weight Per Dozen 38 Pounds.
One Dozen in a Case.

LANTERNS

LITTLE WIZARD, COLD BLAST



Queen of Cold Blast Lanterns.

Little Wizard — 11 1/2 inches High, Round Tubular, Bright Tin, Reinforced Side Tubes, Inside Globe Lift, Double Seamed Dome Shaped Solderless Oil Fount, with Extra Large Filler Cap, No. 1 Wing-Lock Cone Burner, 5/8 inch Wick, White Little Wizard 3 1/2 inches High Globe, Security Standing Bail Hooked into Patent Brass Eyelets.....\$14.00

The smallest short Globe Lantern made. Gives a light of 6 candle power. Fount holds sufficient oil to burn 18 hours.

Weight Per Dozen 30 Pounds.

One Dozen in a Box.

Wizard and D-Lite Cold Blast Lanterns are equipped with new coneless burners, the cone being an integral part of the globe plate. Attention is called to the facility with which the wick may be cleaned, trimmed and lighted.

WIZARD, COLD BLAST



King of Cold Blast Lanterns.

Wizard — 13 1/4 inches High, Round Tubular, Bright Tin, Reinforced Side Tubes, Inside Globe Lift, Double Seamed Dome Shaped Solderless Oil Fount with Extra Large Filler Cap, No. 2 Tinned Steel "Blizzard Coneless" Wing-Lock Burner, 1 inch Wick, White D-Lite Short Bowl Globe, Security Standing Bail Hooked into Patent Brass Eyelets.....\$17.00

No. 2WB—Brass Fount and Top, Otherwise Same as Above... 26.00

Gives a light of 10 candle power. Fount holds sufficient oil to burn 20 hours; will not smoke or blow out.

Weight Per Dozen 52 Pounds.

One-half Dozen in a Box.

D-LITE, COLD BLAST



D-Lite — 13 1/4 inches High, Round Tubular, Bright Tin, Reinforced Side Tubes, Positive Locking Side Lift, Double Seamed Dome Shaped Solderless Oil Fount, with Extra Large Filler Cap, No. 2 Tinned Steel "D-Lite" Coneless Burner, 1 inch Wick, White D-Lite Short Bowl Globe, Security Standing Bail Hooked into Patent Brass Eyelets.....\$18.00

D-Lite-B—Brass Fount and Dome, Otherwise Same as Above..... 28.00

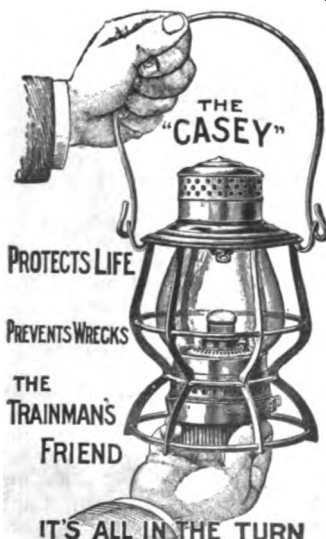
Gives a light of 10 candle power. Fount holds sufficient oil to burn 20 hours. Burns perfectly under all weather conditions; will not smoke or blow out.

Weight Per Dozen 48 Pounds.

One-half Dozen in a Box.

RAILROAD LANTERNS

CASEY



Its salient and distinctive features are absolute control of the light at all times without removing the globe or oil cup to regulate it. A slight turn of the oil cup from beneath raises or lowers the wick as the occasion may require. Absolute protection against extinction by wind.

No. 25—Casey, Tin, Steel Frame Guards, Improved Removable Oil Fount, Lard Oil Burner, for Burning Lard Oil Only, No. 39 Globe, the Best and Most Perfect Railroad Lantern....\$20.50

Per Dozen

Fount holds sufficient oil to burn 16 to 18 hours and if accidentally overturned, it is not liable to break and will not explode.

Weight Per Dozen 50 Pounds.

One Dozen in a Box.

IMPROVED STANDARD



No. 39—10 inches High, Bright Tin, Round Wire Guard, Heavy Stamped Base, No. 2 Wing-Lock Ratchet Burner, for Signal Oil, 1 inch Wick, No. 39 White Vulcan Globe, Outside Wick Raiser.....\$16.50

Per Dozen

Gives a light of 2 candle power. Fount holds sufficient oil to burn 24 hours.

The oil fount is held securely to the frame by our patented automatic retaining spring, which permits same being removed with one hand. It is provided with a safety oil well.

Weight Per Dozen 44 Pounds.

One Dozen in a Box.

DASH LAMPS

BLIZZARD, COLD BLAST

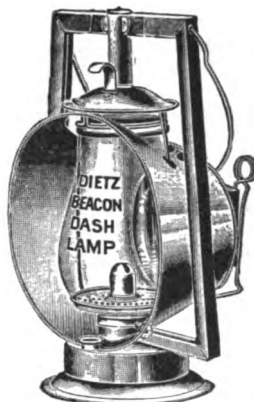


Per Dozen
No. 2BE—14 1/4 inches High, Round Tubular, Tin Black Enameled, Bright Tin Corrugated Reflector, 2 1/4 inch Diameter Magnifying Bull's-Eye Lens, Inside Globe Lift, Dome Shaped Solderless Fount with Large Oil Filler, No. 2 Tinned Steel "Blizzard Coneless" Burner, 1 inch Wick, Selected Blizzard Globe, Security Standing Bail Hooked into Patented Brass Eyelets, with Dash Attachment....\$23.50

Gives a light of 10 candle power. Fount holds sufficient oil to burn 20 hours. Has a dash clip-spring and a bail for use as a hand lantern, also serves as a wall lamp.

Weight Per Dozen 80 Pounds.
One-half Dozen in a Case.

BEACON, HOT BLAST



Per Dozen
No. OB—13 1/4 inches High, Square Tubular, Tin, Black Enameled, Bright Tin Hood, 5 inch Silvered Glass Reflector, Solderless Oil Fount with Safety Oil Well and Large Oil Filler, No. 1 Tinned Steel Wing-Lock Cone Burner, 5/8 inch Wick, Fitzall Globe, with Dash Spring Clip and Bail.....\$30.00

Gives a light of 20 candle power. Fount holds sufficient oil to burn 20 hours.

A fine lamp for night driving and also suitable for use as a hand lantern or wall lamp. The frame, hood and fount are solidly braced together.

Weight Per Dozen 64 Pounds.
One-half Dozen in a Box.

SIDE OR WAGON LAMPS

Comply with All Night Driving Laws.
VICTOR, HOT BLAST



Per Dozen
Victor—13 1/2 inches High, Square Tubular, Tin, Black Enameled, Bright Tin Corrugated Reflector, 2 1/4 inch Diameter Ruby Rear Lens, 2 1/4 inch Diameter Magnifying Bull's-Eye Lens, Inside Globe Lift, Dome Shaped Solderless Oil Fount, with Large Oil Filler, No. 1 Tinned Steel Burner, 5/8 inch Wick, Fitzall Globe, with Combination Holder and Flat Bracket..\$19.00
Adapted for left side only. Gives a light of 30 candle power. Fount holds sufficient oil to burn 19 hours.

The Combination Holder consists of a side clip-spring and a socket taking a round or flat bracket.

Weight Per Dozen 60 Pounds.
One-half Dozen in a Case.

ROADSTER, HOT BLAST



Per Dozen
Roadster—11 1/2 inches High, Round Tubular, Tin, Black Enameled, Bright Tin Corrugated Reflector, 2 1/4 inch Ruby Rear Lens, Inside Globe Lift, Dome Shaped Solderless Oil Fount, with Large Oil Filler, No. 1 Wing-Lock Steel Burner, 5/8 inch Wick, New Short Globe, 3 3/4 inches Wide, with Side Clip Spring and Flat Bracket.....\$22.50

Adapted for left side only. Gives a light of 10 candle power. Fount holds sufficient oil to burn 18 hours.

Has a side clip spring holder in addition to the combination socket, taking a round or flat bracket.

Weight Per Dozen 60 Pounds.
One-half Dozen in a Case.

FLAT LAMP BRACKETS

Per Dozen
No. E—For Side or Wagon Lamps.....\$1.50

JUNIOR, COLD BLAST



Per Dozen
Junior Side—13 3/4 inches High, Round Tubular, Black Enameled, Corrugated Tin Reflector, with 2 1/4 inch Ruby Rear Lens, 2 1/4 inch Magnifying Bull's-Eye Lens, Secured to Plate, Inside Globe Lift, Double Seamed Solderless Dome Shape Oil Fount, with Large Filler Cap, No. 1 Tinned Steel Junior Cold Blast Globe, Complete with Flat Bracket..\$21.50

Adapted for use on the left or right hand side of the vehicle. Reflects a light of 10 candle power. Fount holds sufficient oil to burn 13 hours.

It has a clip-spring holder in addition to the combination socket, taking a round or flat bracket.

Weight Per Dozen 54 Pounds.

One Dozen in a Box.

WIZARD, COLD BLAST



Per Dozen
Wizard—13 1/4 inches High, Round Tubular, Black Enameled, Corrugated Tin Reflector with Ruby Rear Lens, 2 1/4 inch Magnifying Bull's-Eye Lens, Secured to Plate, Inside Globe Lift, Double Seamed Solderless Dome Shape Oil Fount with Large Filler Cap, No. 2 Tinned Steel Blizzard Wing-Lock Rising Cone Burner, 1 inch Wick, White D-Lite Short Bowl Globe, Security Standing Bail Hooked into Patent Brass Eyelets, Complete with Flat Bracket...\$27.00

Adapted for use on the left or right hand side of the vehicle. Reflects a light of 20 candle power. Fount holds sufficient oil to burn 18 hours.

It has a side clip-spring holder in addition to the combination socket, taking a round or flat bracket.

Weight Per Dozen 92 Pounds.

One-half Dozen in a Box.

DRIVING LAMPS

DIETZ NEW "EUREKA"

The Smallest and Most Satisfactory Driving Lamp Made. Especially Adapted for All Light Driving Vehicles.



Dietz New "Eureka"—7 $\frac{1}{4}$ inches High, Cold Rolled Steel Body, Black Enameled, Nickel Plated Door Rim, 3 inch Door Lens, 2 $\frac{1}{4}$ inch Ruby Rear Lens, Dietz Patent Wing-Lock Burner Taking $\frac{5}{8}$ inch Wick, Complete with Dash Clamp Holder for Attaching to Right or Left Side of Vehicle. **\$25.50**

A bright white light is shown to the front and a ruby lens as a warning signal from the rear. A simple turn of the wrist is all that is needed to remove the burner from the fount or to attach same. The wick will not jar down, and lamp can be depended upon to maintain a steady light.

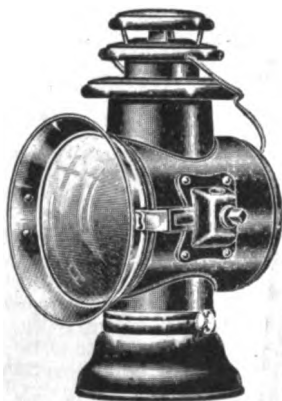
The fount holds sufficient oil to burn 10 hours.

Weight Per Box 26 Pounds.

One Dozen in a Box.

Note—In ordering state if Lamp with Right or Left Hand Bracket is wanted.

DIETZ OCTO DRIVING



No. OR.



Style A
Dash Clamp
Holder.



No. OO.

No. OR—10 $\frac{1}{4}$ inches High, Cold Rolled Steel Body, Black Enameled, Nickel Plated Door Rim, Removable Non-Tarnishing Aluminum Reflector, No. 0 Nickel Plated Brass Long Cone Burner, $\frac{5}{8}$ inch Wick, 4 $\frac{1}{2}$ inch Diameter Plain 30 Candle Power Front Lens, 2 $\frac{1}{4}$ inch Diameter Ruby Rear Lens, Complete with Right and Left Hand Sockets, Style A Dash Clamp Holder and Bail. **\$4.50**

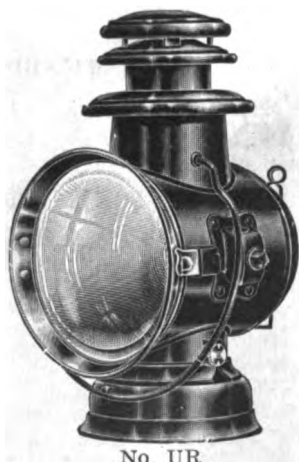
No. OO—With 4 $\frac{1}{2}$ inch Diameter Optical 70 Candle Power Front Lens, Otherwise Same as No. OR. **5.00**

Fount holds sufficient oil to burn 10 hours.

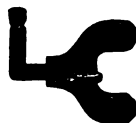
Weight Per Dozen 54 Pounds.

One-half Dozen in a Box.

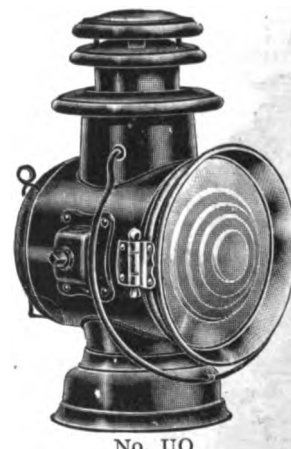
DIETZ UNION DRIVING



No. UR.



Style A
Dash Clamp
Holder.



No. UO.

No. UR—11 $\frac{1}{4}$ inches High, Cold Rolled Steel Body, Black Enameled, Nickel Plated Door Rim, Removable Non-Tarnishing Aluminum Reflector, No. 0 Nickel Plated Brass Long Cone Burner, $\frac{5}{8}$ inch Wick, 5 $\frac{1}{8}$ inch Diameter Plain 30 Candle Power Front Lens, 2 $\frac{1}{4}$ inch Diameter Ruby Rear Lens, Complete with Right and Left Hand Sockets, Style A Dash Clamp Holder, Spring for Dashboard and Bail. **\$5.00**

No. UO—With 5 $\frac{1}{8}$ inch Diameter Optical 70 Candle Power Front Lens, Otherwise Same as No. UR. **5.60**

Fount holds sufficient oil to burn 10 hours.

Weight Per Dozen 72 Pounds.

One-half Dozen in a Box.

No. A—Extra Dash Clamp Holders, for Right or Left Hand Side. **\$4.50**

Note—The Dietz Union and Octo Driving Lamps comply with the Night-Driving Laws of States and Cities. Will not jar or blow out.

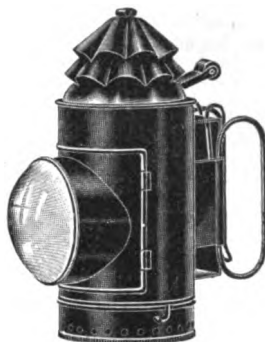
LANTERNS

CADET



Cadet—7 1/4 inches High, Brass, 3/8 inch Wick, Gives a Light of 8 Candle Power, Capacity of Fount 3 Oz. \$5.00
A neat little brass Lantern for household use and handy for many purposes when a large light is not required.
Weight Per Dozen 6 1/4 Pounds.
Twelve Dozen in a Case.

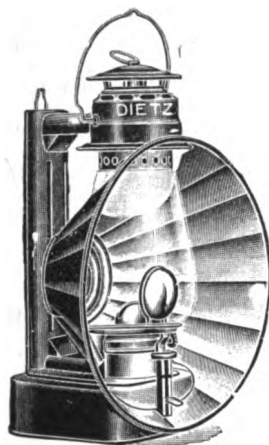
POLICE



No. 20—Bull's-Eye, 8 inches High, 3 inch Bull's-Eye Lens, Tin, Japanned Brown, Special Signal Oil Ratchet Burner, 3/8 inch Wick, with Improved Combination Handle or Bail, and a Movable Slide or Cut-off Behind the Bull's-Eye for Shutting off the Light \$18.50
The slide may be revolved forward or backward by the thumb of the left hand holding the lantern, leaving the right hand free.
Weight Per Dozen 22 Pounds.
Two Dozen in a Box.



No. 1—2 1/2 inch Lens, Tin, Japanned Brown, with Adjustable Bottom to Remove Lamp, with Slide. \$11.50
No. 2—2 1/2 inch Lens, Otherwise Same as No. 1. 12.50
Weight Per Dozen 8 Pounds.
One Dozen in a Box.



SEARCH LIGHTS

BEACON COLD BLAST



No. 30—15 1/4 inches High, Green Enameled, Bright Tin Reflector, 7 inches Deep, 12 inches Across, 2 1/4 inch Diameter Bull's-Eye Lens on Perforated Plate, No. 1 Wing-Lock Cone Burner, 1 inch Wick, No. 2 Blizzard Cold Blast Globe. \$3.60
Gives a light of 50 candle power. Fount holds sufficient oil to burn 35 hours.
Weight Per Dozen 90 Pounds.
One-half Dozen in a Case.

Each

No. 60—20 1/2 inches High, Green Enameled, Bright Tin Reflector, 8 inches Deep, 16 inches Across, 5 inch Silvered Glass Reflector, No. 3 Short Shaft Wing-Lock Cone Burner, 1 1/2 inch Wick, No. 2 Tubular Globe \$10.00
Gives a light of 100 candle power. Fount holds sufficient oil to burn 30 hours.
Weight Each 24 Pounds.
One in a Case.

Each

PLATFORM LAMPS

CLIMAX

No. 28—Green Enameled, 17 1/2 inches High Over All, 10 1/4 inches Wide, 8 3/4 inches Deep, 8 inch Silvered Glass Reflector, No. 162 Tinned Steel Burner, 1 inch Wick, No. 2 Sunbulb Chimney \$5.50
Fount holds sufficient oil to burn 23 hours.
These Lamps are adaptable to both indoor and outdoor purposes, and are largely used for the illumination of dancing platforms, skating ponds, etc. May be used for gas by substituting a gas pipe and burner in place of the oil fount and burner.
Weight Each 19 Pounds.
One in a Box.

Each

IMPERIAL, COLD BLAST

No. 2TS—Green Enameled, 21 inches High Over All, 10 1/2 inches Wide, 10 1/4 inches Deep, 8 inch Silvered Glass Reflector, No. 303 Patented Steel Burner, 1 1/2 inch Wick, without Chimney. \$11.00
Gives a reflected light of 100 candle power. Fount holds sufficient oil to burn 17 hours.
This is the only lamp built on the tubular system of air supply and of the kind that burns without a chimney.
It is easy to clean and fill and burns steadily with a clear, white flame, giving a remarkable volume of reflected light. The flame is regulated from the outside.
Weight Each 21 Pounds.
One in a Box.

Each



No. 2.



No. 2TS.

STREET LAMPS

PIONEER, COLD BLAST



The Pioneer Cold Blast has a device whereby it can be set to burn for a fixed number of hours and then automatically extinguish itself. It does not smoke and is not affected by the strongest winds. Easily kept clean. Gives good service for years.

Requires no chimney and gives a steady light, double that of any ordinary gas street lamp. It can be filled, lighted and regulated without removing the globe.

- No. 3—Pioneer, 25 1/2 inches High, Heavy Tin, Green Enameled, No. 3 Tinned Steel Safety Wing-Lock, Cone Burner, 1 1/2 inch Wick, Plain Pioneer Globe, 2 1/2 inch Post Socket, Self-Extinguishing Device, for Either Post or Bracket. \$7.00
Each
Gives a light of 22 candle power, fount holds oil to burn 24 hours.

Weight Each 27 Pounds.
One in a Box.



HAND LAMPS

BESTOV, COLD BLAST

Most Economical, Most Convenient, Safe and Strong, Good for Emergencies, All Metal but the Chimney.

- No. 10—10 inches High, Bright Tin, No. 101 Tinned Steel Burner, 3/8 inch Wick, No. 1 Lip Chimney, 6 Candle Power, Complete with Bracket \$10.00
Per Dozen

The "Dietz Bestov" is the only Hand Lamp made that will bear any motion while carried about without being extinguished. With every lamp is packed a light bracket, adapting it for use as a wall or side lamp. It may also be used as a table lamp.

Weight Per Dozen 24 Pounds.

One Dozen in a Box.

KITCHEN SIDE LAMPS

RADIANT



- No. 2—Japanned Steel Frame, Glass Filler Fount, Bright Tin Reflector, No. 2 Sun Burner, 1 inch Wick, No. 2 Sun Chimney, Complete. \$7.00
Per Dozen
Weight Per Dozen 22 Pounds.
One-half Dozen in a Box.

SIDE LAMPS

DIETZ, COLD BLAST



- No. 15—Green Enameled, 15 inches High, 5 inch Silvered Glass Reflector, No. 1 Patented Tinned Steel Burner, 3/8 inch Wick, White Fitzall Globe. \$33.00
Per Dozen

Gives a reflected light of 20 candle power. Fount holds sufficient oil to burn 45 hours.

Especially desirable for use in dark passages, stairways, cellars and similar places. May be filled, lighted and regulated without removing the globe and needs but little attention.

Weight Per Dozen 62 Pounds.

One-half Dozen in a Box.

BRACKET



- No. 20—French Bronze Finish Bracket, with No. 2 Grooved Glass Fount Filler, 8 inch Silvered Glass Reflector, No. 2 Burner and Chimney, 1 inch Wick, Complete \$19.20
Per Dozen
No. 25—With Handled Fount, Otherwise Same as No. 20 20.50

Weight Per Dozen 50 Pounds.

One-half Dozen in a Box.

GASOLINE VAPOR LAMPS

AIR-O-LITE

For Indoors, Producing a 300 Candle Power Light, Burns 25 Hours, Capacity of Fount 4 Pints.

Safer and more durable than oil lamps. Burn their own gas from common gasoline. Give a bright white light, make more light than 20 oil lamps. The Brass Tank is tested to 200 lbs. pressure. The lamps operate at 15 lbs. pressure.

These Lamps are clean, no greasy wick to trim or chimney to clean, no dirt, no odor, just a convenient portable light of great efficiency.

Complete with Shade, 2 Mantles, Lighter, Pump, Wrench, Hanger, Extra Asbestos Filter, Extra Tip Screen and Set of Cleaning Tools for Removing Old and Inserting New Filter.

Nos. A307W
and A307G.

No. A317.

No. A307G—With 10 inch Green Opal Ribbed Shade, Otherwise Same as No. A307W. \$13.00

No. A317 —With 12 inch Crystal Shade, with 4 inch Crystal Fringe, Otherwise Same as No. A307W, without Heat Bell. 13.00

No. A318 —With 12 inch Beautiful Decorated Shade, Brown and Tan Tints with a Delicate Green Vine and Small Wild Rose, Otherwise Same as No. A317. 12.80

Shipping Weight Each 12 Pounds.

One in a Carton.

QUICK-LITE

For Indoors, Producing a 300 Candle Power Light, Burns 25 Hours, Capacity of Fount 4 Pints.

The "Quick-Lite" is a match lighting gasoline lamp of great brilliancy and extreme simplicity. No torch or alcohol needed to light it. No hunting around for a bottle. No expense for lighting, just use common matches. Each

No. Q307—22 inches High, 10 inch White Opal Ribbed Shade, Nickel Plated Tank and Parts, Universal Shade Holder, Complete with Two Junior Rag Mantles, Extra Generator, Pump, Wrench, Hanger and Cleaning Tools. \$10.00

In experimental tests we have found that one generator will burn from 500 to 1,000 hours without cleaning. This means the "Quick-Lite" can be depended upon to burn 3 hours every night for six to twelve months with little attention.

An extra generator is furnished with each lamp, thus insuring at least a year's use without additional expense.

Shipping Weight Each 9 Pounds.

One in a Carton.



No. P307.

GASOLINE VAPOR CHANDELIER LAMPS

AIR-O-LITE

Producing a 600 Candle Power Light, Both Burners Burn 18 Hours, Capacity of Fount 6 Pints. Each

No. P307—24 inches High, 10 inch White Opal Ribbed Shade, 8 inch Diameter Fount, Nickel Plated Tank and Parts, Complete with 4 Mantles, 2 Lighters, Pump, Wrench, 2 Extra Asbestos Filters, 2 Extra Tip Screens and Set of Cleaning Tools. \$19.50

The Air-O-Lite Chandelier is used for lighting stores, churches, school houses and large residence rooms. It is supplied by a single seamless fount, made of 18 gauge brass. On each arm is an Air-O-Lite Burner with Universal Shade Holders. Each one or both may be lighted as desired. Both Burners are equipped with an automatic cleaner.

Shipping Weight Each 16 Pounds.

One in a Carton.



No. Q307.

GASOLINE LANTERNS

AIR-O-LITE

For Outdoors, Producing a 300 Candle Power Light, Burns 15 Hours, Capacity of Fount 3 Pints.

Complete with 2 Mantles, Lighter, Pump, Wrench, Extra Asbestos Filter, Extra Tip Screen and Set of Cleaning Tools for Removing Old and Inserting New Filter. Each

No. IL323—14 inches High, Mica Chimney 5 inch Diameter, 5 inches High, 6 inch Diameter Fount, Nickel Plated, Tested to 200 Lbs. Pressure, Operates at 15 Lbs. Pressure, Shipping Weight 6 Lbs. \$10.50

The Air-O-Lite Lanterns are handy wherever outside light is needed. Fine for summer amusements, adds joy to the camp, just the thing for boat landings, picnic grounds, camp meetings, summer cottages, etc.

One in a Carton.



Storm King.

STORM KING

For Campers, Hunters, Summer Resorts, Street Shows, Circuses, Railroad Yards, Freight Houses, Way Stations, Docks, Wharves, Camp Meetings, Military Encampments, Street Lighting in Small Towns, and for Farmers and Householders Everywhere. Each

Storm King—14 inches High, 6 inch Diameter, Complete with Junior Rag Mantle, Mica Globe, Pump and Lighter, Capacity One Quart, Burns 15 Hours on One Filling, Produces a Light of About 250 Candle Power, Weight Each 3½ Lbs. \$12.00

It is an efficient, safe, reliable, powerful and economical light, absolutely storm proof, and will burn anywhere and in any position. It is very simple in construction, and in operation; easy to light and extinguish, and can be taken apart in a very few seconds if desired. It is equipped with our regular Automatic Tip Cleaner, which prevents clogging.

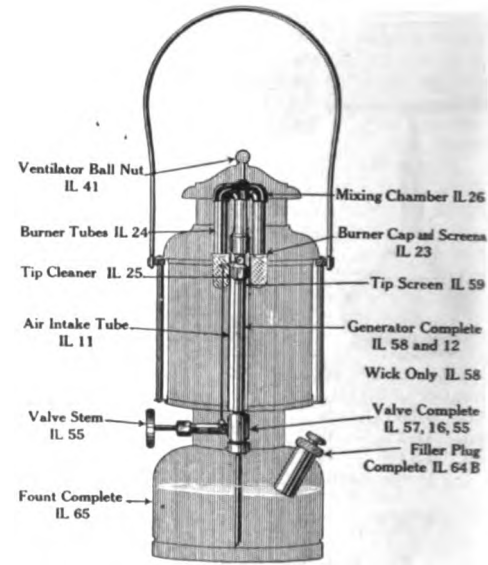
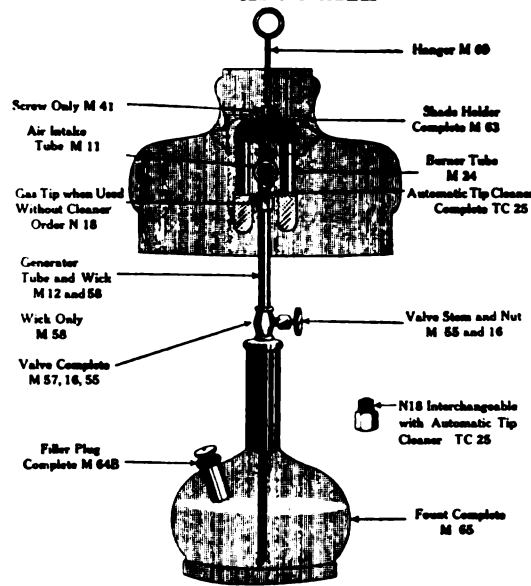
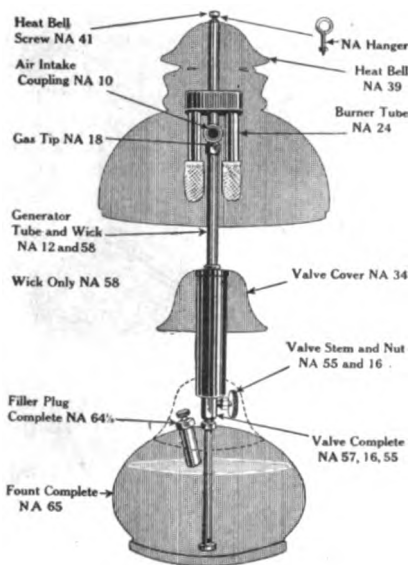
One in a Box.



No. IL323.

LAMP AND LANTERN REPAIRS

AIR-O-LITE



	Each
NA10—Air Intake Coupling.....	\$0.40
NA12-58—Generator Tube and Wick	1.20
NA23—Burner Cap Complete.....	.30
NA24—Burner Tube .....	.20
NA34—Valve Cover .....	.80
NA39—Heat Bell .....	.60
NA40—Heat Bell Stem.....	.10
NA41—Heat Bell Screw.....	.10
NA55-16—Valve Stem and Nut....	.40
NA57-16-55—Valve Complete ...	.90
NA58-59—Asbestos Wick and Screen .....	.10
NA64 1/2—Filler Plug Complete... 1.20	
NA65—Fount with Filler Plug... 7.20	
NA69—Hanger .....	.10

	Each
M. T. C. 9—Needle Point, Detachable	\$0.10
M12-58—Generator Tube and Wick .....	.80
M23—Burner Cap Complete.....	.30
M24—Burner Tube .....	.20
M. T. C. 25—Automatic Tip Cleaner .....	.80
M41—Shade Holder Screw.....	.10
M55-16—Valve Stem and Nut....	.40
M57-16-55—Valve Complete .....	.90
M58-59—Asbestos Wick and Screen .....	.10
M64B—Filler Plug Complete....	.80
M65—Fount with Filler Plug... 6.00	
M69—Hanger .....	.10

	Each
IL T. C. 9—Needle Point, Detachable	\$0.10
IL23—Burner Cap and Screen... .30	
IL24—Burner Tube .....	.20
IL T. C. 25—Automatic Tip Cleaner .....	.80
IL26—Mixing Chamber	1.60
IL41—Ventilator Ball Nut.....	.10
IL55-16—Valve Stem & Pack Nut. .40	
IL57-16-55—Valve Complete ....	.90
IL58-12—Generator Tube & Wick .80	
IL58-59—Asbestos Wick & Screen .10	
IL64B—Filler Plug Complete....	.80
IL65—Fount with Filler Plug... 6.00	

Pump \$1.00 Pump Leathers \$0.10

Lighting Torch \$0.20 Cleaning Needle \$0.10 NA Wrench \$0.20 M Wrench \$0.15

LAMP SHADES



	Each
No. 307W—10 inch Diameter, White Opal Ribbed, for No. A307W Air-O-Lite Lamp....	\$1.00
No. 307G—Green, Otherwise Same as No. 307W, for No. A307G Air-O-Lite Lamp....	2.10



	Each
No. 317—12 inch Diameter, Etched, with Crystal Fringe, Produces a Subdued Light Very Restful to the Eye, for No. A317 Air-O-Lite Lamp..	\$2.20



	Each
No. 318—12 inch Diameter, Opal, Decorated in Brown and Tan Tints with Delicate Vine and Small Pink Roses, for No. A318 Air-O-Lite Lamp....	\$2.00

GAS TIPS



	Each
No. KA18—Standard, for Model A Air-O-Lite Lamps.....	\$0.30

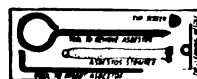


	Each
No. N18—For Model P Air-O-Lite Lamps, Used Only when Lamps are not Equipped with Automatic Cleaners	\$0.30



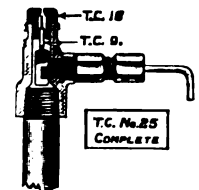
	Each
No. TC18—Standard, for Tip Cleaner No. 25.....	\$0.20

CLEANING SETS



	Per Set
No. 30—Consists of Cleaning Tools, Asbestos and Screen, One Set in an Envelope.....	\$0.30

AUTOMATIC TIP CLEANERS



	Each
No. M. T. C. 25—Standard, for Model P Air-O-Lite Lamps, Complete with Gas Tip.....	\$0.80
No. A. T. C. 25—Standard, for Model A Air-O-Lite Lamps, Complete with Gas Tip.....	.80

NEEDLE POINTS



	Each
No. TC9—With Threaded Shank, Easily Replaced After Removing Gas Tip TC18.....	\$0.10

YALE HOLLOW WIRE LIGHTING SYSTEMS

SAFE, SIMPLE AND ECONOMICAL, FOR STORES, CHURCHES, SCHOOLS, ETC.

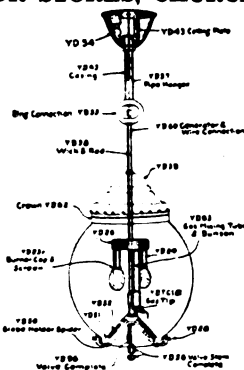
The "Yale" Hollow Wire Gasoline Lamps are the best all around wire lights for the dealer that are to be found on the market.

A study of the principle and construction and comparison with similar lamps has convinced us that they are worthy of our strongest endorsement. We will cheerfully replace any "Yale" lamp that does not give entire satisfaction.

A "Yale" Hollow Wire Lighting System consists of a galvanized steel tank, pump and wrench with hollow wires cut to proper length for conveying the fuel from the tank to the ceiling fixtures that the purchaser selects. Each fixture or lamp generates and burns its own gas as wanted, thus making it very economical to use. They are made of brass nickel plated and will last for years.

A variety of styles for different purposes will be found on this page. All "Yale" lamps operate successfully from 15 to 25 lbs. pressure so they can be attached to any hollow wire system. The standard length of ceiling fixtures is 24 inches, if wanted longer add 40 cents per foot to list price.

Space does not permit of a full description, but catalog will be sent upon request.



to be lighted, showing desired location of lamps, tanks, etc., and distances between. The wire will be cut and connections soldered in place so when you receive System it will be complete and ready to install.

A Yale Lighting System produces the best yet cheapest artificial light known.

The accompanying X-ray illustration is of our 2 mantle lamps. The above even numbered lamps use small mantles, others use regular size soft rag mantles.

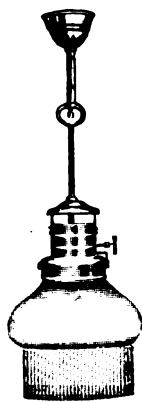
Note the simplicity of construction. With the adjustable shade holder used on these, glassware with fitters ranging from 3 3/4 inches to 6 inches in diameter may be used, either supported from the bottom or top.

All lamps shown on this page are equipped with eccentric tip cleaner. The special construction of lighting torch used enables you to generate and turn the light off or on from the floor, regardless of height of lamp.

When ordering send diagram of space



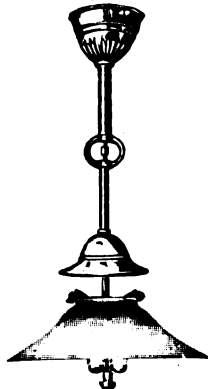
Each
No. 201 ... \$8.00
1 Large Mantle
600 C. P.



Each
No. 203 ... \$9.00
1 Large Mantle
600 C. P.



Each
No. 222 ... \$10.00
2 Small Mantles
No. 223 ... \$12.00
2 Large Mantles



Each
No. 226 ... \$10.00
2 Small Mantles
No. 227 ... \$12.00
2 Large Mantles

COST OF COMPLETE SYSTEMS

TWO LIGHT SYSTEM COMPLETE

Two No. 201 Lamps, One 3 Gallon Tank—50 feet Wire and Connections Brazed	\$34.80
Two No. 203 Lamps, One 3 Gallon Tank—50 feet Wire and Connections Brazed	36.80
Two No. 222 or 226 Lamps, One 3 Gallon Tank—50 feet Wire and Connections Brazed	38.80
Two No. 223 or 227 Lamps, One 3 Gallon Tank—50 feet Wire and Connections Brazed	42.80
Note—If 5 Gallon Tank is Desired, Add \$2.40. Additional Wire 8c per ft. Shipping Weight of Two Light System Complete 28 Pounds.	

THREE LIGHT SYSTEM COMPLETE

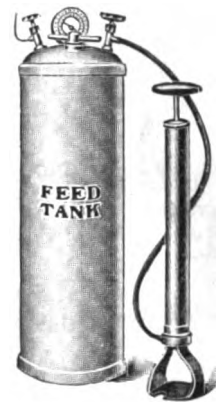
Three No. 201 Lamps, One 5 Gallon Tank—75 feet Wire and Connections Brazed	\$47.80
Three No. 203 Lamps, One 5 Gallon Tank—75 feet Wire and Connections Brazed	50.80
Three No. 222 or 226 Lamps, 1 5 Gallon Tank—75 feet Wire and Connections Brazed	53.80
Three No. 223 or 227 Lamps, 1 5 Gallon Tank—75 feet Wire and Connections Brazed	59.80
Note—If 10 Gallon Tank is Desired, Add \$2.90. Additional Wire 8c per ft. Shipping Weight of Three Light System Complete 35 Pounds.	

FOUR LIGHT SYSTEM COMPLETE

Four No. 201 Lamps, One 10 Gallon Tank—100 feet Wire and Connections Brazed	\$61.30
Four No. 203 Lamps, One 10 Gallon Tank—100 feet Wire and Connections Brazed	65.30
Four No. 222 or 226 Lamps, One 10 Gallon Tank—100 feet Wire and Connections Brazed	69.30
Four No. 223 or 227 Lamps, One 10 Gallon Tank—100 feet Wire and Connections Brazed	77.30
Note—If 5 Gallon Tank is Desired, Add \$2.90. If Less Wire is Used, Deduct 8c per foot. Shipping Weight of Four Light System Complete 42 Pounds.	

FIVE LIGHT SYSTEM COMPLETE

Five No. 201 Lamps, One 10 Gallon Tank—125 feet Wire and Connections Brazed	\$71.90
Five No. 203 Lamps, One 10 Gallon Tank—125 feet Wire and Connections Brazed	76.90
Five No. 222 or 226 Lamps, One 10 Gallon Tank—125 feet Wire and Connections Brazed	81.90
Five No. 223 or 227 Lamps, One 10 Gallon Tank—125 feet Wire and Connections Brazed	91.90
Shipping Weight of Five Light System Complete 50 Pounds.	



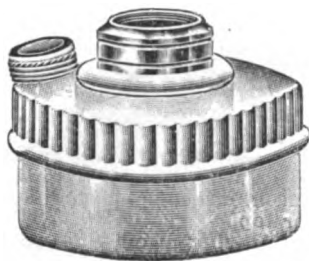
Tanks and Pumps—Tanks are made of 20 gauge galvanized steel, aluminum finish. Pumps are made with cast foot piece and nickel plated.

3 Gallon Tank and Pump	\$13.60
5 Gallon Tank and Pump	16.00
10 Gallon Tank and Pump	18.90
Pump Only, 1 1/4 x 20, Steel	1.80
Pump Only, 1 1/2 x 20, Brass	3.96

PRICES ON WIRE, CONNECTIONS, ETC.

1/8 inch Hollow Wire .. Per Foot,	\$0.08
Nut and Jamb Couplings Brazed	Each, .20
Nut and Jamb not Brazed	Set, .08
3-Way T Connections	Each, .20
4-Way X Connections	Each, .24
Extra Casing for Increasing Length of Lamps .. Per Foot,	.40

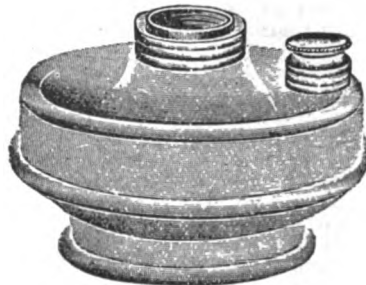
GLASS FOUNTS



No. 21—Mascot, 3 $\frac{3}{4}$ inches High, Diameter at Bottom 4 $\frac{1}{4}$ inches, with Outside Filler, Takes No. 2 Burner.....\$1.60

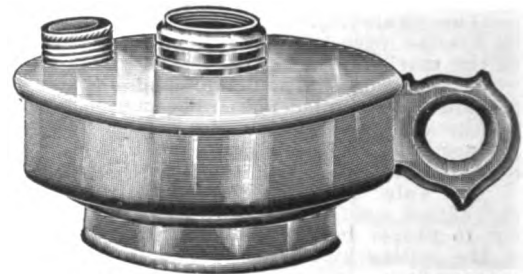
For Radiant Kitchen Side Lamps.

Weight Per Dozen 20 Pounds.



No. 2F—3 $\frac{1}{2}$ inches High, Diameter of Bottom 4 inches, Diameter of Body 5 inches, with Outside Filler, for No. 2 Burner\$2.25
For Iron Chandeliers and Lamp Brackets.

Weight Per Dozen 13 Pounds.
Eight Dozen in a Box.

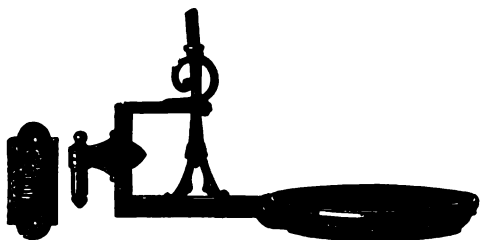


No. 02—3 $\frac{1}{2}$ inches High, Diameter of Bottom 4 inches, Diameter of Body 5 inches, Handled, with Outside Filler, for No. 2 Burner.....\$3.20

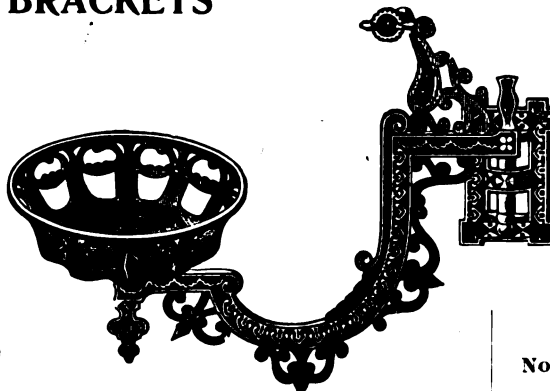
For Iron Chandeliers and Lamp Brackets.

Weight Per Dozen 15 Pounds.

LAMP BRACKETS

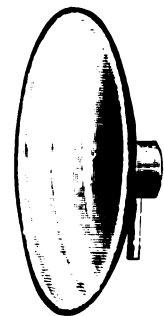


No. 70—11 inch Arm, 5 $\frac{1}{2}$ inch Cup, Amber Bronzed, to Take No. 2 Glass Fount.....\$1.80
Weight Per Dozen 10 Pounds.
One-half Dozen in a Box.



No. 73—13 inch Arm, 5 $\frac{1}{2}$ inch Cup, French Bronze Finish, with Thumb Screw Reflector Adjustment\$4.00
Weight Per Dozen 25 Pounds.
One-half Dozen in a Box.

LAMP REFLECTORS



No. 80—8 inch Diameter, Silvered Glass, for Bracket Side Lamps\$7.00
Weight Per Dozen 20 Pounds.
Three Dozen in a Box.

No. 5R—5 inch Diameter, Silvered Glass, Flat Back, for Beacon Dash Lanterns\$4.00
Weight Per Dozen 10 Pounds.
One Dozen in a Box.

WICKS

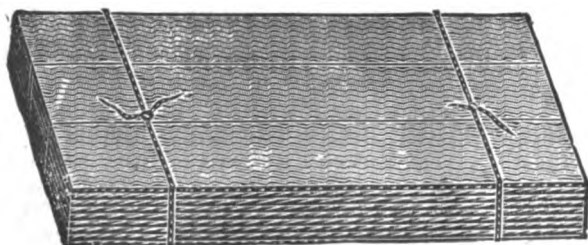
FLAT, LAMP OR LANTERN



Nos.	0 or E	1 or A	2 or B	3 or D
For Burners, Nos.	0	1	2	3
Inches	$\frac{1}{2}$	$\frac{5}{8}$	1	1 $\frac{1}{2}$
Weight Per Gross, Lbs.	$\frac{5}{8}$	$\frac{3}{4}$	1 $\frac{1}{8}$	1 $\frac{3}{4}$
Per Gross	\$0.60	.75	1.10	1.75

One Gross in a Package.

OIL OR LAMP STOVE



Common Flat, Woven Cotton.

Width, Inches	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5
Length, Inches	8	8	8	8
Weight Per Gross, Lbs.	4 $\frac{1}{2}$	5 $\frac{1}{4}$	6 $\frac{1}{2}$	7
Per Dozen	\$0.45	.50	.55	.60

One Dozen in a Package.

ROCHESTER CIRCULAR LAMP



Nos.	2	3
For Lamps, Nos.	2	3
Inches	6 $\frac{1}{2}$	8 $\frac{1}{2}$
Weight Per Gross, Lbs.	5 $\frac{1}{2}$	16 $\frac{1}{2}$
Per Dozen	\$0.45	1.50

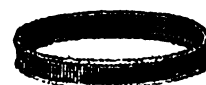
One Dozen in a Package.

CIRCULAR, OIL HEATER
Central Draft, Circular.

Nos.	8	10	15
Circumference, Inches	8	10	15
Weight Per Gross, Lbs.	10	12	13 $\frac{1}{2}$
Per Dozen	\$1.00	1.30	1.80

One Dozen in a Package.

LIGHTING RINGS

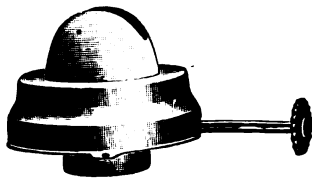


No. 50—1 inch Wide, Asbestos, Covered Inside and Outside with Perforated Tin.....\$0.75
For All Blue Flame, Wickless Oil Cooking Stoves Taking 3 $\frac{1}{2}$ inch Ring.

Weight Per Dozen 1 Pound.
One Dozen in a Package.

BURNERS

HOT BLAST LANTERN

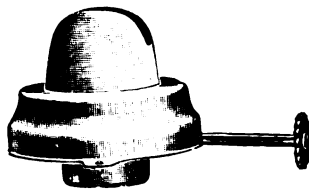


Tinned Steel.

Per Dozen

No. 411—Winglock Cone, for Little Star and Monarch Lanterns and Buckeye Dash Lamps Using $\frac{3}{8}$ inch Wick...\$1.00
Weight Per Dozen $\frac{3}{4}$ Pound.
One Dozen in a Box.

COLD BLAST LANTERN

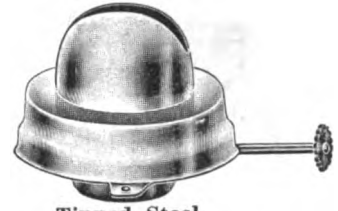


Tinned Steel.

Per Dozen

No. 201—Winglock Cone, for Junior Lanterns and Junior Wagon Lamps Using $\frac{3}{8}$ inch Wick...\$1.00
Weight Per Dozen $\frac{3}{4}$ Pound.
One Dozen in a Box.

COLD BLAST LANTERN

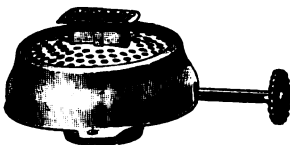


Tinned Steel.

Per Dozen

No. 262—Winglock Cone, for No. 30 Beacon Lights and Old Style Blizzard Lantern Using 1 inch Wick...\$1.80
Weight Per Dozen 1 Pound.
One Dozen in a Box.

COLD BLAST LANTERN



Tinned Steel.

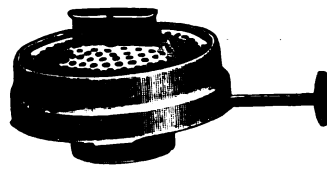
Per Dozen

No. 211—Rising Cone, for Little Wizard Lanterns, Using $\frac{3}{8}$ inch Wick...\$1.00

Weight Per Dozen 1 Pound.

One Dozen in a Box.

COLD BLAST LANTERN

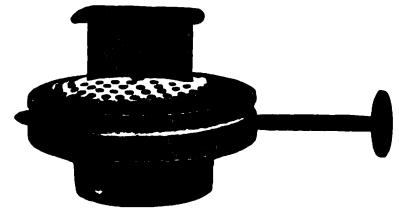


Tinned Steel.

Per Dozen

No. 272—Rising Cone, for No. 2 Blizzard, Special No. 2 Blizzard and Wizard Lanterns, No. 2 Blizzard Dash Lamps and No. 2 Wizard Wagon Lamps Using 1 inch Wick...\$1.50
Weight Per Dozen 1 $\frac{1}{2}$ Pounds.
One Dozen in a Box.

COLD BLAST LANTERN



Tinned Steel.

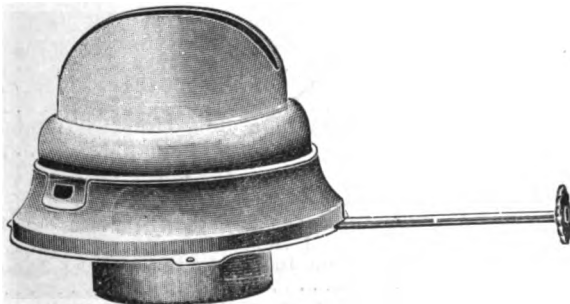
Per Dozen

No. 282—Rising Cone, for D-Lite Lanterns, Using 1 inch Wick...\$1.50

Weight Per Dozen 1 $\frac{1}{2}$ Pounds.

One Dozen in a Box.

COLD BLAST STREET LAMP

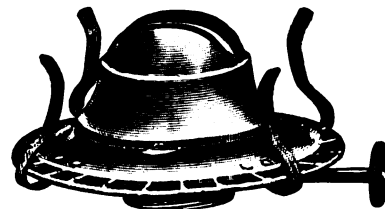


Tinned Steel.

Per Dozen

No. 313—Winglock Cone, for Pioneer Street Lamps, Using 1 $\frac{1}{2}$ inch Wick...\$6.00
Weight Per Dozen 3 $\frac{1}{2}$ Pounds.
One-half Dozen in a Box.

SUN LAMP



Combination Tin, Steel and Brass.

Nos.	1	2
Takes Wick, Inches.....	$\frac{3}{8}$	1
Weight Per Dozen, Lbs.....	1	1 $\frac{1}{4}$
Per Dozen	\$1.40	1.60

One Dozen in a Box.

EUREKA LAMP

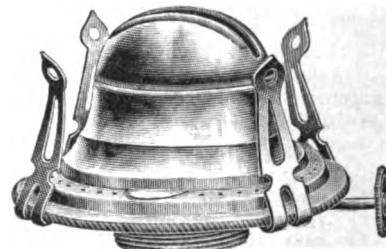


Extra Heavy, All Brass.

No.	2E
Takes Wick, Inches.....	1
Weight Per Dozen, Lbs.....	1 $\frac{1}{4}$
Per Dozen	\$2.00

One Dozen in a Box.

WHITE LIGHT MANTLE LAMP



All Brass.

No.	2W
Takes Wick, Inches.....	1
Weight Per Dozen, Lbs.....	1 $\frac{1}{4}$
Per Dozen	\$2.50

Has a steel mantle attached to the inside of the dome. The mantle insures perfect combustion and a larger flame is thereby secured, giving an intense white light without odor.
One Dozen in a Box.

LANTERN GLOBES

TUBULAR



Nos. 0-1 to 1-5.



Nos. 0BE-1 and 0BE-5.

	Per Dozen
No. 0-1—Plain, 6 3/8 inches High, 2 3/4 inch Diameter Top, 3 3/8 inch Diameter Bottom, Average Weight Per Dozen 12 Lbs., 1 Dozen in a Box.....	\$1.60
No. 0-2—2 Dozen in a Box, Otherwise Same as No. 0-1.	1.50
No. 0-5—5 Dozen in a Box, Otherwise Same as No. 0-1.	1.40
No. 0R-1—Ruby, Same Dimensions as No. 0-1, 1 Dozen in a Box.....	4.30
No. 0R-5—5 Dozen in a Box, Otherwise Same as No. 0R-1	4.00
No. 0G-5—Green, Same Dimensions as No. 0-1, 5 Dozen in a Box.....	4.30
No. 1-5—Plain, 7 inches High, 2 3/4 inch Diameter Top, 3 3/8 inch Diameter Bottom, Average Weight Per Dozen 13 Lbs., 5 Dozen in a Box.....	1.80
No. 0BE-1—Plain, Bull's-Eye, 6 3/8 inches High, 2 3/8 inch Diameter Top, 3 3/8 inch Diameter Bottom, Average Weight Per Dozen 12 Lbs., 1 Dozen in a Box.....	2.80
No. 0BE-5—5 Dozen in a Box, Otherwise Same as No. 0BE-1	2.60

JUNIOR, COLD BLAST



	Per Dozen
Junior-6—Plain, 5 3/8 inches High, 2 3/8 inch Diameter Top, 2 3/8 inch Diameter Bottom.....	\$1.50
Junior-R-1—Ruby, Same Dimensions as No. Junior-6, 1 Dozen in a Box.....	4.30
Junior-BE-1—Plain, Bull's-Eye, Same Dimensions as Junior-6, 1 Dozen in a Box.....	2.80
Average Weight Per Dozen 11 Pounds.	

CADET



	Per Dozen
No. 100—Plain, 4 inches High, 1 5/8 inch Diameter Top, 1 5/8 inch Diameter Bottom, 6 Dozen in a Box.....	\$1.10
Weight Per Dozen 4 Pounds.	

RAILROAD



	Per Dozen
No. 39-1—Plain, 5 3/8 inches High, 2 3/4 inch Diameter Top, 3 3/4 inch Diameter Bottom, for Nos. 25 and 39 Railroad Lanterns, 1 Dozen in a Box	\$1.50
No. 39-5—5 Dozen in a Box, Otherwise Same as No. 39-1.....	1.40
No. 39R-1—Ruby, Same Dimensions as No. 39-1, 1 Dozen in a Box.....	5.00
No. 39G-1—Green, Same Dimensions as No. 39-1, 1 Dozen in a Box.....	5.00
Average Weight Per Dozen 14 Pounds.	

COLD BLAST



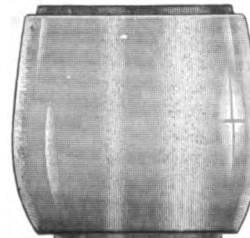
Nos. 2-1 to 2R-1.



Nos. 2BE-1 and 2BE-5.

	Per Dozen
No. 2-1—Plain, 6 3/8 inches High, 2 3/8 inch Diameter Top, 3 3/8 inch Diameter Bottom, 1 Dozen in a Box.....	\$1.80
No. 2-2—2 Dozen in a Box, Otherwise Same as No. 2-1.	1.70
No. 2-5—5 Dozen in a Box, Otherwise Same as No. 2-1.	1.60
No. 2R-1—Ruby, Otherwise Same as No. 2-1.....	5.00
No. 2BE-1—Plain, Bull's-Eye, 6 3/8 inches High, 2 3/8 inch Diameter Top, 3 3/8 inch Diameter Bottom, 1 Dozen in a Box	3.40
No. 2BE-5—5 Dozen in a Box, Otherwise Same as No. 2BE-1	3.20
Average Weight Per Dozen 14 Pounds.	

COLD BLAST



Nos. LW-1 to D-LR-1.



D-Lite, Lock-Nob.

LITTLE WIZARD

	Per Dozen
No. LW-1—Plain, 3 3/8 inches High, 3 3/4 inch Diameter Top, 2 3/8 inch Diameter Bottom, Average Weight Per Dozen 8 Lbs., 1 Dozen in a Box.....	\$1.60
No. LW-2—2 Dozen in a Box, Otherwise Same as No. LW-1	1.50
No. LW-5—5 Dozen in a Box, Otherwise Same as No. LW-1	1.40

D-LITE

	Per Dozen
No. D-L-1—Plain, 4 3/8 inches High, 4 inch Diameter Top, 3 3/4 inch Diameter Bottom, Average Weight Per Dozen 10 Lbs., 1 Dozen in a Box.....	\$1.80
No. D-L-2—2 Dozen in a Box, Otherwise Same as No. D-L-1	1.70
No. D-L-5—5 Dozen in a Box, Otherwise Same as No. D-L-1	1.60
No. D-LR-1—Ruby, Same Dimensions as No. D-L-1, 1 Dozen in a Box.....	5.00
D-Lite, Lock-Nob—Plain, Same Dimensions as No. D-L-1, with Lock-Nobs, Preventing Globe from Falling Out, for D-Lite and Wizard Lanterns, 1 Dozen in a Box..	2.00

LAMP GLOBES

STREET

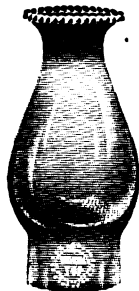


	Per Dozen
No. 2-Tubular — Plain, 9 inches High, 4 3/8 inch Diameter Top, 5 inch Diameter Bottom, for No. 60 Beacon Lights, Average Weight Per Dozen 40 Lbs.	\$7.60
No. 3-Pioneer — Plain, 10 3/8 inches High, 5 3/4 inch Diameter Top, 6 inch Diameter Bottom, for No. 3 Pioneer Street Lamp, Average Weight Per Dozen 75 Lbs.....	8.40

One-half Dozen in a Box.

LAMP CHIMNEYS

SUN CRIMP TOP



In Corrugated Tubes.

Nos.	1	2
Height, Inches	7 ½	8 ½
Diam. Bottom, In.	2 ½	3
Diam. Bulb, In.	3 ½	4
Wt. Per Dozen, Lbs.	7 ¾	9
Per Dozen	\$1.20	1.50

Six Dozen in a Case.

ROCHESTER

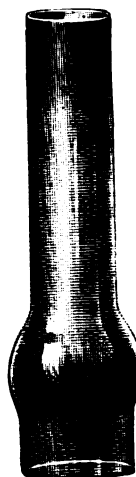


In Cartons.

Nos.	2R	3R
Height, Inches	10	12
Diam. Bottom, In.	2 ¾	4
Diam. Bulb, In.	3 ¾	5 ¾
Wt. Per Dozen, Lbs.	10	22 ½
Per Dozen	\$2.00	3.30

No. 2, Six Dozen; No. 3, Three Dozen in a Case.

BELGIAN



In Cartons.

No.	00
Height, Inches	12
Diameter Bottom, Inches.	3
Diameter Bulb, Inches.	3 ½
Weight Per Dozen, Lbs.	10
Per Dozen	\$3.60

Six Dozen in a Case.

GAS LAMP CHIMNEYS

GLASS



Clear Glass, Frosted Bottom.

Per Dozen

No. 180D—8 inches High, 2 inch Diameter, Frosted 1 ½ inch.	\$2.00
Weight Per Dozen 5 ½ Pounds.	
In Cartons, One Dozen in a Box.	

KANT KRACK MICA



Best Selected Mica, Mounted with Nickel Steel Collars.

Per Dozen

No. 670—7 inches High, 1 ½ inch Diameter, 6 Piece Mica.	\$1.60
Weight Per Dozen 1 ½ Pounds.	
In Cartons, One Dozen in a Box.	

GAS LAMP GLOBES

OPAL



Air Hole, Domestic Opal.

Per Dozen

No. 575—6 ½ inches High, Diameter at Top 2 inches, Diameter at Bottom 2 inches, Diameter of Center Bulge 4 ½ inches.	\$3.30
Weight Per Dozen 12 Pounds.	
One-third Dozen in a Carton.	

WAX TAPERS



Per Dozen Boxes

No. 1T—Wax Tapers, 30 in a Box.	\$1.00
No. 2T—Wax Tapers, 30 in a Box.	1.20

Weight Per Dozen Boxes 2 Pounds.

GAS LIGHTERS

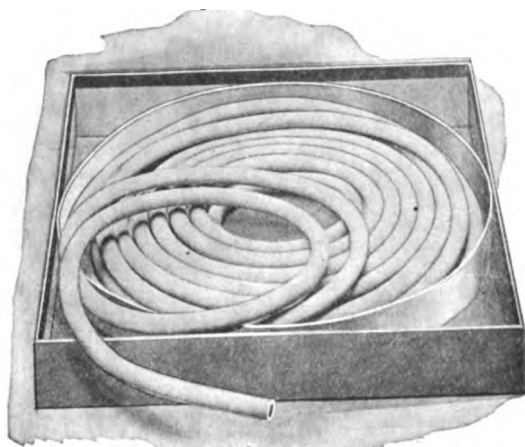


Per Dozen

No. 282—30 inches Long, Polished Tin, Wood Handle, with Cast Key, for Holding Wax Tapers.	\$1.75
Weight Per Dozen 4 ½ Pounds.	
One Dozen in a Package	

GAS TUBING

WHITE RUBBER



White Rubber, Plain Surface.

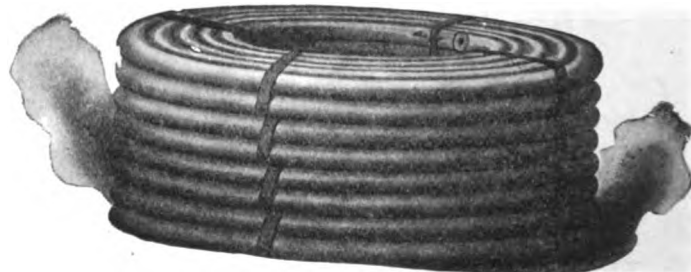
Per Box of 50 Feet
 No. 1W— $\frac{3}{8}$ inch Inside Diameter, Thickness of Wall
 $\frac{3}{16}$ inch\$10.00
 Fifty Feet in a Box.

GASTITE



Per Foot
 No. 25— $\frac{3}{8}$ inch Inside Diameter, Wire Center, Made of
 Cotton and Composition, Covered with Braiding of
 Mohair, Rubber Ends.....\$0.05
 In 3, 4, 5, 6, 7, 8, 9, 10 and 12 foot Lengths.
 Extra Rubber Ends.....Per Dozen, \$0.75

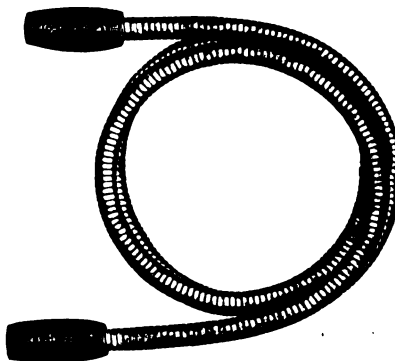
RED CI



Red Cover, White Tube.

Per Foot
 Red CI— $\frac{3}{8}$ inch Inside Diameter, 3 Ply.....\$0.23
 Fifty Feet in a Bundle.

FLEXIBLE STEEL



Per Foot
 No. 35— $\frac{3}{8}$ inch Inside Diameter, $\frac{3}{8}$ inch Outside Diam-
 eter, Galvanized Flexible Steel, Rubber Packed,
 Rubber Ends\$0.10
 In 3, 4, 5, 6, 7, 8, 9, 10 and 12 foot Lengths.
 Extra Rubber Ends.....Per Dozen, \$0.75

GAS MANTLES

WELSBACH INVERTED



No. 2W.

No. 4W.

Per Dozen
 No. 2W—Inverted, Heavy Weave, of Great Strength,
 Mounted on Magnesia Ring.....\$3.40
 No. 4W—Inverted, Good Quality Single Weave, Mounted
 on Magnesia Ring.....1.80

Average Weight Per Dozen $\frac{1}{2}$ Pound.

One Dozen in a Box.

REFLEX INVERTED



No. 1.

AMBER LIGHT INVERTED



No. 2.

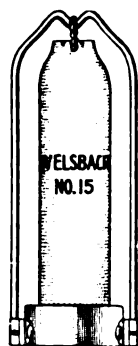
Per Dozen
 No. 1—Inverted, Good Quality, of Great Strength, Will
 not Shrink, Has Great Strength, Will Maintain its
 Initial Candle Power, Mounted on Magnesia Ring,
 Fits All Standard Inverted Burners.....\$2.60
 No. 3—Inverted, Reflex Quality, Mounted on Magnesia
 Ring, Gives an Amber or Soft, Yellow Light, De-
 sirable for Home Lighting.....2.60
 Average Weight Per Dozen $\frac{1}{2}$ Pound.
 One Dozen in a Box.

GAS MANTLES

WELSBACH



No. 2L.



No. 15.

Per Dozen

No. 2L—Loop, 3 1/2 inches, Light Weave, Asbestos Loop, Nickel Hook Support.....\$2.60

No. 15—2 1/2 inch, First Quality, Mounted with Double Wire Support on a Universal Cap, Fits Any Burner of Standard Diameter, Also 1/2 inch Burner..... 2.60

Average Weight Per Dozen 1 1/2 Pounds.

One Dozen in a Box.

WELSBACH REFLEX

WELSBACH MEL-O-LITE



No. 107.



No. 991.

Per Dozen

No. 107—Double Wire Cap, 3 1/2 inch, Good Quality, of Great Strength, Will not Shrink, Will Maintain its Initial Candle Power, Asbestos Loop.....\$2.60

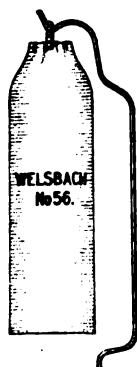
No. 991—Double Wire Cap, 3 1/2 inches, Heavy Single Weave, Asbestos Loop, Nickel Wire Support, Soft, Diffusive Light..... 2.60

Average Weight Per Dozen 1 1/2 Pounds.

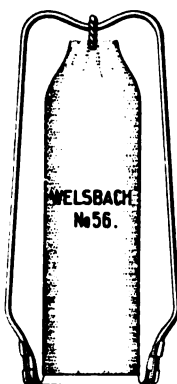
One Dozen in a Box.

GASOLINE MANTLES

WELSBACH



No. 56L.



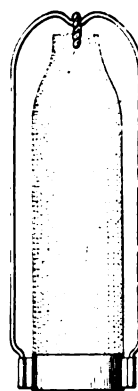
No. 56C. Per Dozen

No. 56L—Loop, 4 1/2 inches, Heavy Single Weave, Asbestos Loop, Nickel Hook Support, for Pressure Gasoline and Hydro-Carbon Lamps.....\$4.00

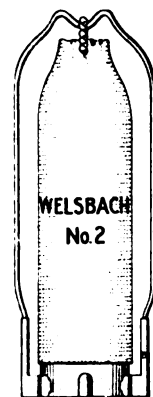
No. 56C—Double Wire Cap, 4 1/2 inches, Heavy Single Weave, Asbestos Loop, Nickel Wire Support, for Pressure Gasoline and Hydro-Carbon Lamps..... 4.80

Average Weight Per Dozen 1 1/2 Pounds.

One Dozen in a Box.



No. 4.



No. 2C. Per Dozen

No. 4—Double Wire Cap, 3 1/2 inch Single Weave, Standard Quality, Asbestos Loop.....\$1.80

No. 2C—Double Wire Cap, 3 1/2 inches, Single Weave, Good Quality, Asbestos Loop..... 3.50

Average Weight Per Dozen 1 1/2 Pounds.

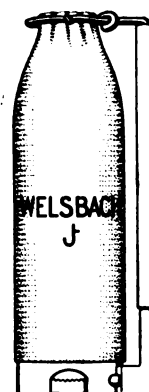
One Dozen in a Box.

GASCO

WELSBACH J



No. 100.



No. 197.

Per Dozen

No. 100—Double Wire Cap, 3 1/2 inches, Diamond Weave, Strictly High Grade, Exceptionally Strong and Durable, Asbestos Loop.....\$3.20

No. 197—Cap, 3 1/2 inches, Heavy Single Weave, Nickel Wire Support, Sheathed with Magnesia Tube, Asbestos Loop..... 5.80

Average Weight Per Dozen 1 1/2 Pounds.

One Dozen in a Box.

LINDSAY

LINDSAY JUNIOR



No. 70.



No. A0L.

Per Dozen

No. 70—Single Weave, Soft, for Pressure Gasoline Lamps, Adjusts with Draw String.....\$1.40

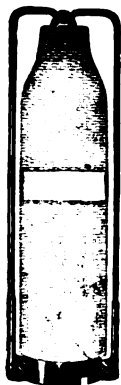
No. A0L—Single Weave, Soft, for Pressure Gasoline Lamps, Adjusts with Draw String..... 1.20

Weight Per Dozen 2 Ounces.

One-twelfth Dozen in a Paper Envelope.

GAS MANTLES

PHOENIX OAP



No. 100 — Mikado, 3 ½ inch,
Single Weave, Good Grade
Double Wire Support, Asbes-
tos Loop\$1.20
Weight Per Dozen 1 Pound.
One Dozen in a Box.



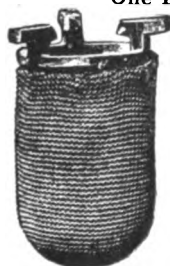
No. 466—Tryme, 3 ½ inch, Heavy
Single Weave, Ramie Wood
Fibre, Excellent Grade, In-
tense Brilliancy, Double Wire
Support, Asbestos Loop.....\$1.80
Weight Per Dozen 1 Pound.
One Dozen in a Box.



No. 25C—High Life, 3 ½ inch,
Diamond Fancy Weave,
Ramie Wood Fibre, Very
Brilliant and Durable, Double
Wire Support, Asbestos Loop.\$3.00
Weight Per Dozen 1 Pound.
One Dozen in a Box.



No. 4P—Heavy Sin-
gle Weave, Good
Quality, No. 8
Magnesia Ring.\$1.20
Weight Per Dozen 1
Pound.
One Dozen in a Box.



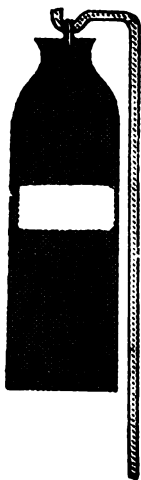
PHOENIX INVERTED
No. 3P—Heavy Sin-
gle Weave, Ramie
Wood Fibre, Ex-
cellent Quality,
No. 8 Magnesia
Ring\$1.80
Weight Per Dozen 1
Pound.
One Dozen in a Box.



No. 25—High Life,
Diamond Fancy
Weave, Ramie
Wood Fibre, Very
Brilliant and Dur-
able, No. 8 Mag-
nesia Ring....\$3.00
Weight Per Dozen 1
Pound.
One Dozen in a Box.

GASOLINE MANTLES

PHOENIX



No. 326—3 ¾ inch, Heavy Single
Weave, Single Wire Support,
Especially Made for Gasoline
or Hydro-Carbon Lamps....\$1.80
Weight Per Dozen ¾ Pound.
One Dozen in a Box.

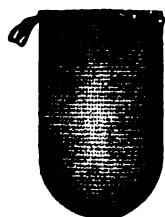


No. 225—4 ½ inch, 6 Cord, Single
Weave, Roll Bottom, Espe-
cially Made for Gasoline Sys-
tems\$3.00
Weight Per Dozen ¾ Pound.
One Dozen in a Box.



No. 55—5 inch, Extra Heavy
Weave, High Pressure, Roll
Bottom, Single Wire Support,
Especially Made for Gasoline
Systems\$3.60
Weight Per Dozen ¾ Pound.
One Dozen in a Box.

PHOENIX RAG OR INVERTED



No. 13—Baby, Heavy Weave, Ramie or
Wood Fibre, Improved Sewed Bot-
tom, Will not Blacken Bottom...\$1.20
Weight Per Dozen ¼ Pound.
One Dozen in an Envelope.

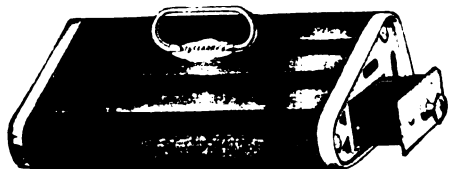


No. 02—Good Grade, 3 ½ inch,
Sewed Bottom, for Gasoline
Systems\$1.20
No. 01—Best Grade, 4 inch,
Sewed Round Bottom, for
Gasoline Systems 3.60

Weight Per Dozen ¼ Pound.
One Dozen in an Envelope.

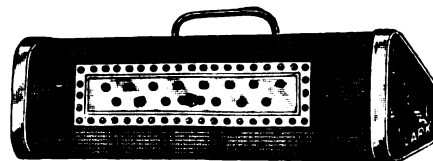
CARRIAGE HEATERS

CLARK'S



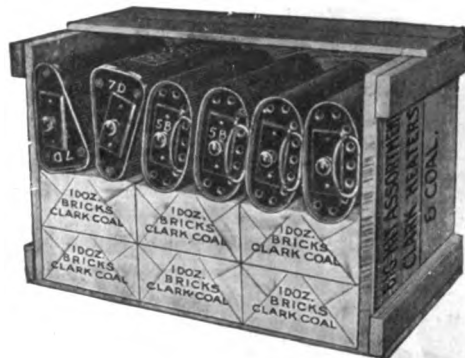
- No. 7C—14 inches Long, Flat Slanting Top, Riveted Steel Body, Drawn Steel Ends, Nickeled and Polished, Heavy Asbestos Lining, Adjustable End Ventilators, Covered with Best Quality Rich Green Carpet \$3.20

Weight Each 8 Pounds.



- No. 7D—14 inches Long, Flat Slanting Top, Riveted Steel Body, Drawn Steel Ends, Adjustable Side and End Ventilators, Thick Asbestos Lining, Covered with Extra Quality Rich Green Brussels Carpet.... \$3.70

BIG HIT ASSORTMENT



- No. 5B—12 inches Long, Steel Body, Stamped Steel Ends, with Ventilators, Insulated with Asbestos, Covered with Fine Brussels Carpet..... \$2.70

Weight Each 9 Pounds.

- No. 10—Consists of Two Each, Leader, No. 5B and No. 7D Clark Heaters, and Six Dozen Clark Coal..... \$21.00

Sold Only in Full Assortments.

CLARK'S AUTO

- No. 4D—20 inches Long, 7 inches Wide, Steel Body, Solid Brass Ends, Side and End Ventilators, Covered with Braid-Bound Brussels Carpet..... 6.50

Weight Each 9 Pounds.

CARRIAGE HEATER COAL

CLARK'S



WAGON HEATERS

CLARK'S



- No. 1W—Clark's, 9 inches Long, 8 inch Diameter, Steel Body, Adjustable Ventilators..... \$2.80

It burns carbon brick. Two or three of the bricks are sufficient in the coldest weather. They yield a strong, steady heat without flame, smoke or odor and one filling is enough for ten hours.

Heater occupies very little space and can be hung in the top of wagon if desired.

Adjustable Ventilators permit regulation of heat. Strong, safe, practical, in use by florists, bottlers, etc., everywhere.

One Dozen in a Crate.

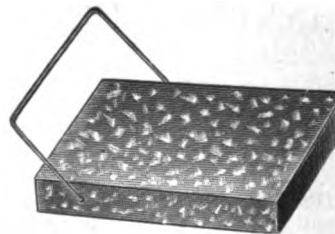
- No. 1—Clark's, High Grade, Size of Brick $7\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ inches \$1.00

- No. X—Good Grade, Size of Brick $7\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ inches. .60

The bricks are formed under enormous pressure and therefore contain the largest possible volume of latent heat. One-third of a brick is sufficient for the average drive.

Weight Per Dozen 9 Pounds.
One Dozen in a Case.

FOOT WARMERS



Size, Inches	6x8	7x9	8x10	10x12
Weight Per Dozen, Lbs..	78	102	140	194
Per Dozen	\$4.60	5.40	6.00	8.40

ALCOHOL STOVES

UNIVERSAL



These Stoves burn denatured alcohol, converting it into gas and burning with a blue and intensely hot flame.

These Stoves are absolutely safe, long burning and economical.



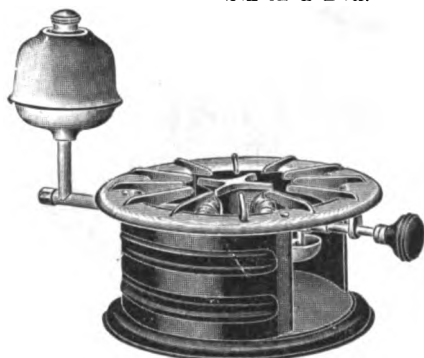
Brass Reservoir and Burner, Tin Plated Steel Legs and Rack. Each

No. 02—4 1/2 inches High, 6 inch Diameter Base, 6 1/4 inch Diameter of Rack, 3 1/4 inch Diameter Burner, Capacity 1 Pint.....\$1.40
Inexpensive yet thoroughly efficient. Burn with 2 circular series of hot blue flames.

Weight Each 1 Pound.
Six in a Box.

Nickel Plated Brass Lamp, Nickel Plated Steel Base and Shield, Nickel Plated Cast Iron Grill, Nickel Plated Iron Wire Holder and Grill Supports, Each

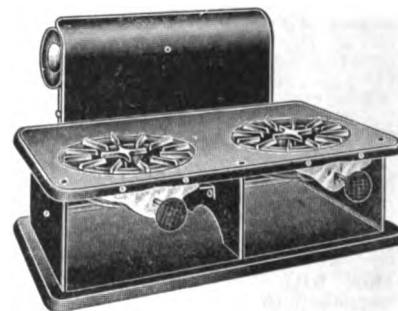
No. 0—5 1/2 inches High, 6 3/4 inch Diameter, Capacity 1/2 Pint, with Detachable Wind Shield to Permit its Use Out of Doors.....\$4.20
Weight Each 3 Pounds.
One in a Box.



Nickel Plated Brass Alcohol Reservoir and Burner, Japanned Sheet Steel Body. Each

No. 10—10 3/4 inches High, 10 3/4 inch Diameter Grate...\$7.20
Weight Each 11 Pounds.
One in a Box.

These Stoves are equipped with the "Universal" Wickless Gravity Feed Burner, which converts denatured alcohol into gas and burns with an intensely hot blue flame. The Burner is as simple and easily operated as an ordinary gas burner. It boils a quart of water at 50° F. in a few minutes. It is self-cleaning, odorless and absolutely safe.



Nickel Plated Brass Alcohol Reservoir and Burners, Japanned Sheet Steel Body. Each

No. 20—13 1/4 inches High, 13 3/4 inches Wide, 21 1/2 inches Long, Capacity of Tank 2 Quarts.....\$14.00
The Stove accommodates a standard bake oven and regular cooking utensils. The Tank is protected by an apron which keeps the heat away from it. It is strong, safe and durable.
Weight Each 30 Pounds.
One in a Box.



EKKO

The strong nickel plated non-rusting wire stand folds up compactly so it can be placed together with a can of Ekko Instant Heat inside the sauce pan.

The sauce pan is mounted with two wire handles, which when opened and snapped back into each other, form one strong, rigid lifter.

No. 2E—2 Pint Seamed Sauce Pan, Nickel Plated Stand, Complete with a Can of Ekko Instant Heat.....\$4.50
Per Dozen
Weight Per Dozen 144 Pounds.
One-twelfth Dozen in a Box.

INSTANT HEAT

EKKO

Per Dozen Cans

Ekko—Capacity 3 1/2 Oz. Alcohol in Solid Form, Safe, Economical, Always Ready, Cannot Spill or Explode, no Smoke or Odor.....\$1.50

Ekko Instant Heat may be used under percolators and chafing dishes, or practically anywhere that liquid alcohol is employed for heating.

Weight Per Dozen Cans 4 1/2 Pounds.
One Dozen in a Box.



STERNO

The handles of the boiler are hinged and curved to fit closely to side.

The can and stand fit inside the boiler.

The three grooves of the can fit firmly into the stand, making a rigid, non-upsettable stove that burns steadily for over an hour.

Per Dozen

No. 4001—1 Quart Heavily Nickel Plated Boiler, Nickel Plated Collapsible Stand, Complete with a Can of Sterno Canned Heat.....\$8.40

Weight Per Dozen 12 Pounds.
One-twelfth Dozen in a Box.

CANNED HEAT

STERNO

Per Dozen Cans

No. 4006—In Seamless Tin Cans, 2 1/4 inches High, 2 1/2 inch Diameter, Non-Explosive, Does not Leak, Cannot Spill when Carried, Safer than Liquid Alcohol, Keeps in All Climates.....\$1.70

Sterno Canned Heat is a solid paste. All you have to do to use it is to take the lid off the can, touch a match to the paste and you have a strong, intensely hot flame.

Weight Per Dozen 4 Pounds.
One Dozen Cans in a Box.



ALCOHOL AND LAMP STOVES

GLOGAU ALCOHOL



No. 25—4½ inches High, Capacity of Tank ½ Pint, All Brass, Nickel Plated, Tinned Steel Vessel Supports.....\$11.50

Generates its own gas, is wickless, odorless and smokeless. Cannot explode. For use in sick rooms, camps, traveling, light housekeeping, etc., or where gas is not available.

Weight Per Dozen 6 Pounds.

One-twelfth Dozen in a Paper Box.

MAYFLOWER ALCOHOL



No. 1020—Open Work Brass Stand, Brass Lamp, Polished Asbestos Wick, Removable Lamp, Weight Each 3 Oz...\$5.00

Stand being same shape as lamp, it can be inverted over lamp and placed in a box 3½ x 1¼ inches. Easily carried in pocket.

Weight Per Dozen 3 Pounds.

One-twelfth Dozen in a Box.

PEERLESS LAMP



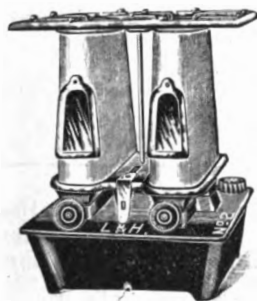
No. 50—Combined Curling Iron and Water Heater, Polished Brass, Nickel Plated Removable Cover\$1.00

The cover is made double, thoroughly protecting the handle of curling iron from heat. When water is to be boiled, the cover is removed. Highly finished and ornamental.

Weight Per Dozen 1 Pound.
One Dozen in a Box.

LAMP STOVES

LINDEMANN

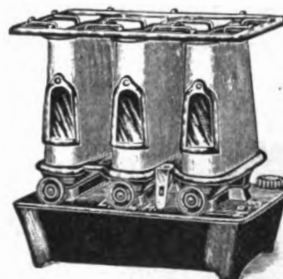


Cast Iron Reservoir and Top Grate, Japanned, Tin Chimney, Cast Wick Tube, 4 inch Wick.

Nos.	1L	2L	3L
Number of Burners.....	1	2	3
Weight Per Dozen, Lbs....	60	125	144
Per Dozen	\$10.70	21.40	32.10

Nos. 1 and 2, One-half Dozen; No. 3, One-quarter Dozen in a Box.

ACME



Cast Iron Reservoir and Top Grate, Japanned, Tin Chimney, Sheet Metal Wick Tube, 4 inch Wick.

Nos.	10	20	30
Number of Burners.....	1	2	3
Weight Per Dozen, Lbs....	50	80	131
Per Dozen	\$9.50	19.00	28.50

Nos. 10 and 20, One-half Dozen; No. 30, One-quarter Dozen in a Box.

NESCO



Sheet Steel, Seamless Reservoir, Handsomely Japanned in Colors, Hinged Mica Panel Doors.

No.	Each
No. 1—Single, Two Burners, 3½ inch Wicks, Weight Each 5 Lbs.....	\$1.10
No. 100—Single, Three Burners, 4 inch Wicks, Weight Each 6 Lbs.....	1.80

One-half Dozen in a Crate.



Sheet Steel, Seamless Reservoir, Handsomely Japanned in Colors, Hinged Mica Panel Doors.

No.	Each
No. 2—Double, Four Burners, 3½ inch Wicks, Weight Each 10 Lbs.....	\$2.15
No. 200—Double, Six Burners, 4 inch Wicks, Weight Each 12 Lbs.....	3.55

One-quarter Dozen in a Box.

BLUE FLAME OIL COOK STOVES

BON AMI

Safe and Reliable, Odorless and Smokeless, with Kerogas Burner.

Steel Body, Steel Legs, Handsomely Finished in Black Japan and Decorated, Removable Safety Glass Oil Tank and Automatic Feed, Seamless Brass Burner, Blue Enameled Steel Burner Drum.

The "Kerogas" Burner is very different and far superior to that used on any other style of Oil Stove. It automatically generates gas from kerosene oil by a perfect mixture of air. This is accomplished so successfully that hundreds of bushels of air are utilized while consuming one gallon of oil.

The Heavy Glass Oil Tank is removable and is carried to an outer room for filling. No danger of explosion.

Simple to use and regulate as a common Kerosene Lamp. Indicators show how high or low to turn wick.

A lever is provided for each burner for raising blue enameled burner drums when stove is not in use. Makes it unnecessary to tilt or even touch drums for lighting.



No. 272.



No. 372.

- | | | |
|-----------|--|--------------|
| No. 272 | —Two Burners, 30 1/2 inches High, 25 1/2 x 15 1/2 inch Top, Weight Each Crated 50 Lbs..... | Each \$12.40 |
| No. 272HS | —With High Shelf, Height Over All 54 inches, Otherwise Same as No. 372, Weight Each Crated 75 Lbs..... | 16.40 |
| No. 372 | —Three Burner, 30 1/2 inches High, 35 x 15 1/2 inch Top, Weight Each Crated 65 Lbs..... | 16.50 |

One in a Crate.

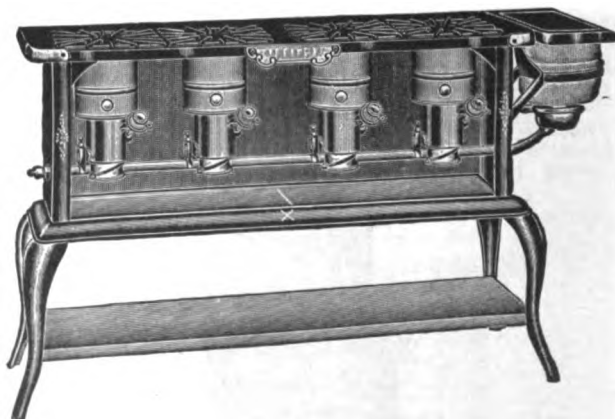


With Bottom Shelf.

- | | | |
|-----------|--|--------------|
| No. 372HS | —With High Shelf, Four Burners, Height Over All 54 inches, Cooking Height 30 1/2 inches, 35 x 15 1/2 inch Top, Weight Each Crated 95 Lbs.. | Each \$21.50 |
|-----------|--|--------------|

One in a Crate.

The End Shelf protects Glass Tank from splatterings of hot grease and is a convenience in cooking, being large enough to hold any ordinary cooking vessel.



With Bottom Shelf.

- | | | |
|---------|---|--------------|
| No. 472 | —Four Burners, 30 inches High, 43 1/2 x 15 1/2 inch Top, Weight Each Crated 75 Lbs..... | Each \$21.00 |
|---------|---|--------------|
- Two inch strip of reinforced steel at center of top with two grates on each side, permits use of any of our large size ovens over two burners without interfering with the use of the other two burners for cooking purposes.

One in a Crate.

BLUE FLAME OIL COOK STOVES

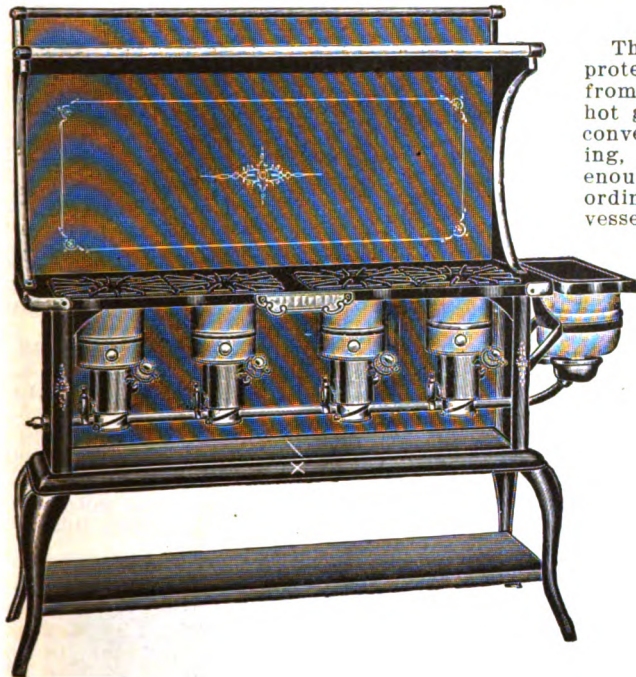
BON AMI

Safe and Reliable, Odorless and Smokeless, with Kerogas Burner.

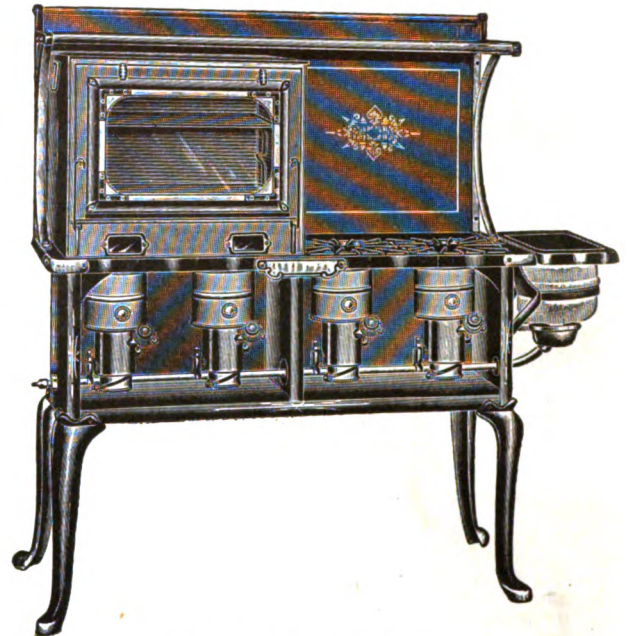
Steel Body, Steel Legs, Handsomely Finished in **Black Japan** and Decorated, Removable Safety Glass Oil Tank and Automatic Feed, Seamless Brass Burner, Blue Enameled Steel Burner Drum.

The "Kerogas" Burner is very different and far superior to that used on any other style of Oil Stove. It automatically generates gas from kerosene oil by a perfect mixture of air. This is accomplished so successfully that hundreds of bushels of air are utilized while consuming one gallon of oil.

The Heavy Glass Oil Tank is removable and is carried to an outer room for filling. No danger of explosion.



The End Shelf protects Glass Tank from splattering of hot grease and is a convenience in cooking, being large enough to hold any ordinary cooking vessel.

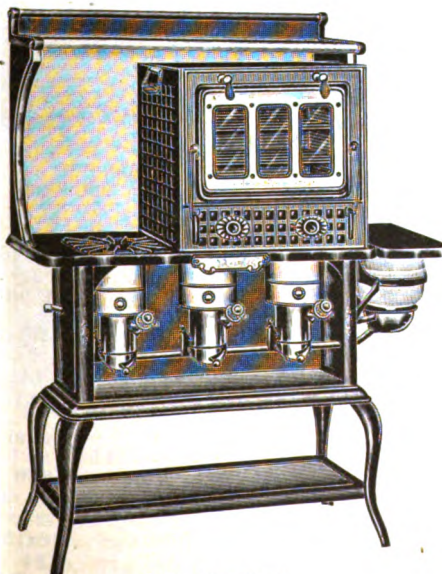


Each

No. 472HS—With High Shelf, Four Burners, Height Over All 54 inches, Cooking Height 30 inches, 43 1/2 x 15 1/2 inch Top, Weight Each Crated 105 Lbs. \$29.90

A two inch strip of reinforced steel at center of top with two grates on each side, permits use of any of our large size ovens over two burners without interfering with the use of the other two burners for cooking purposes.

One in a Crate.



No. 372HSO.

Cast Iron Legs, without Bottom Shelf.

Each

No. 407—Four Burners, with High Shelf, Height Over All 52 inches, Cooking Height 31 inches, 42 1/2 x 16 inch Top, with 20 1/4 x 15 1/4 x 16 3/4 inch Oven, Weight Each Crated 140 Lbs. \$46.70

This Stove is provided with a high grade oven of latest construction, that has circulating flue system, which insures perfect ventilation. The oven has a large glass drop, corrugated tin linings, full asbestos lining, two heavy wire racks and two mica peep holes. It is removable and can be set below the stove whenever the entire top is desired for cooking.

Much heavier constructed than our No. 472HS, with strong cast legs.

One in a Crate.

With Bottom Shelf and High Shelf with White Enameled Splash Board.

Each

No. 272HSO—Two Burner, Height Over All 54 inches, Cooking Height 30 1/2 inches, 25 1/2 x 15 1/2 inch Top, with No. 657 21 x 13 3/4 x 18 1/2 inch Oven, Weight Each Crated 102 Lbs. \$22.90

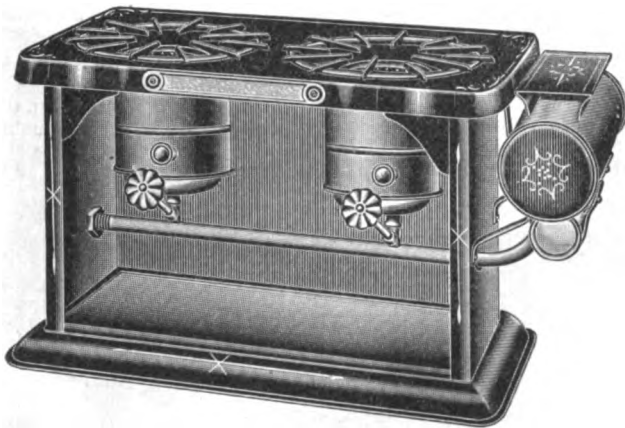
No. 372HSO—Three Burners, Height Over All 54 inches, Cooking Height 30 1/2 inches, 35 x 15 1/2 inch Top, with No. 657 21 x 13 3/4 x 18 1/2 inch Oven, Weight Each Crated 122 Lbs. 28.00

This Stove is provided with an exceptionally fine Baking Oven, with perfect ventilation. The Oven has a three panel glass drop Door, blue japanned polished steel body, corrugated tin linings, full asbestos lined, two mica peep holes, two heavy wire racks, Alaska cold handles.

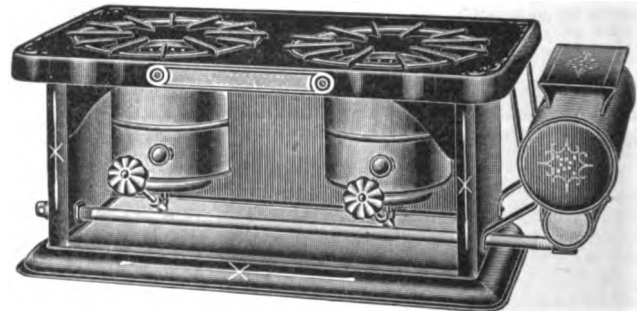
One in a Crate.

BLUE FLAME OIL AND COOK STOVES

MODEL



ANCHOR



Handsome Full Cabinet Steel Frame, Hard Baked Japan Finish, Highly Ornamented, Removable Safety Oil Tank and Automatic Oil Feed, Brass Burner Bases with Special Shield and Air Diffusers, Stamped Steel Base, Nickel Plated Name Plate.

Nos.	51	52	53
Number of Burners.....	1	2	3
Size of Top, Inches.....	11½x14	22x14	33x14
Height, Inches	14	14	14
Weight Each, Lbs.....	24	32	43
Each	\$6.70	8.50	12.00

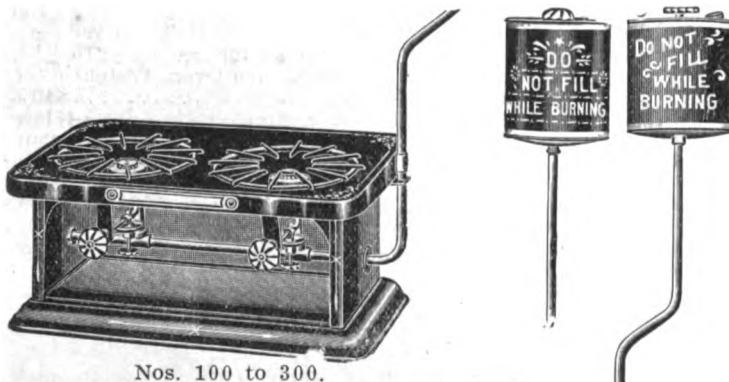
Low Frame, Cabinet Style, One Piece Steel Body, Hard Baked Black Japan Finish, Nicely Decorated, Removable Safety Oil Tank and Automatic Oil Feed, Stamped Steel Base, Tin Name Plate.

Nos.	31	32	33
Number of Burners.....	1	2	3
Size of Top, Inches.....	11½x14½	22x14½	33x14½
Height, Inches	10	10	10
Weight Each, Lbs.....	22	30	40
Each	\$5.00	6.60	9.60

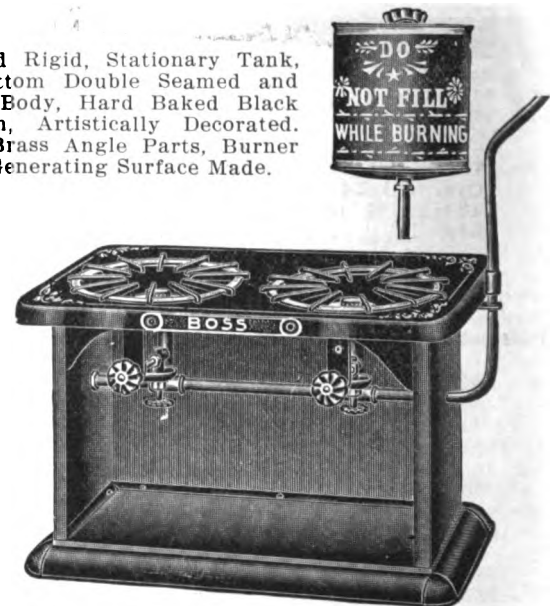
JUNIOR GASOLINE STOVES

BOSS

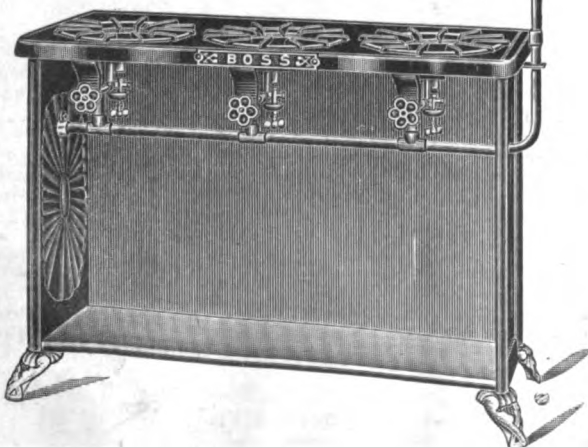
Strong and Rigid, Stationary Tank, Top and Bottom Double Seamed and Soldered to Body, Hard Baked Black Japan Finish, Artistically Decorated. Iron Head, Brass Angle Parts, Burner has Largest Generating Surface Made.



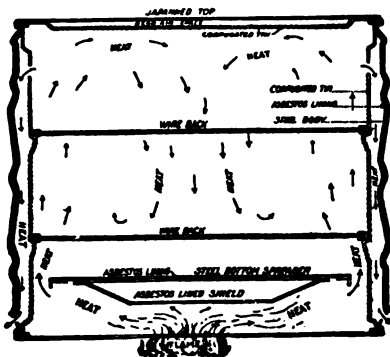
Nos. 100 to 300.

Nos. 10 to 30.
Full Cabinet Frame.

Nos.	100	200	300
Number of Burners.....	1	2	3
Height, Inches	8	8	8
Size of Top, Inches.....	11½x15	22x15	33x15
Weight Each, Crated, Lbs...	16	21	30
Each	\$4.40	4.90	7.50
Nos.	10	20	30
Number of Burners.....	1	2	3
Height, Inches	14	14	14
Size of Top, Inches.....	11½x15	22x15	33x15
Weight Each, Crated, Lbs...	18	25	31
Each	\$4.50	5.00	7.50
Nos.	220	330	
Number of Burners.....	2	3	
Height, Inches	24	24	
Size of Top, Inches.....	22x15	33x15	
Weight Each, Crated, Lbs...	34	45	
Each	\$6.80	9.20	



Nos. 220 and 330.



Sectional View of Nos. 354, 654, 357, 657, 2514X, 35 and 65.

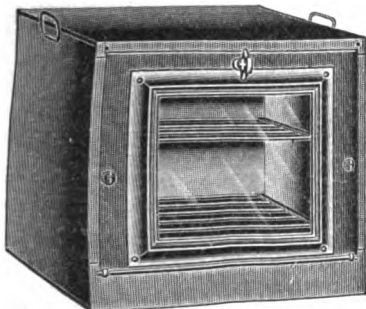
Notice that the heat is first diffused around to all sides of oven by the spreader. Then it ascends into the oven proper and fills it, the heat accumulating until it is intense. Circulation is provided to carry off the steam and odor and to make room for fresh heat to enter, and this is accomplished by means of the flues between the outer and inner walls. The air is forced by the incoming current from below through the small holes at the top of the inner walls, and slowly down through the flues (slowly because heat does not naturally go down) until it passes out of the holes at the bottom of the outer walls. This system keeps a pressure of hot air within the oven while providing perfect circulation and makes these ovens the best and quickest bakers known.



Polished Dark Steel Body, Stamped Drop Door. Each

No. 185—Set up, 13x11 $\frac{1}{2}$ x11 $\frac{1}{2}$ inches, Wt. Each 8 $\frac{1}{2}$ Lbs...\$2.20

Covers one burner and is adapted for kerosene as well as vapor stoves. Plain top and sides. Heavy wire racks and wire handles. Double side walls with space between inner and outer provides ventilation and insures good baking.



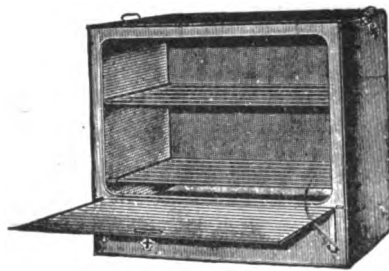
Polished Steel Body, Glass Drop Door. Each

No. 184—Set up, 12 $\frac{1}{4}$ x12 $\frac{1}{4}$ x12 inches, Wt. Each 10 Lbs...\$2.45

Covers one burner and is adapted for kerosene as well as vapor stoves. Heavy wire racks and wire handles. Double side walls, with space between inner and outer, provide ventilation and insures good baking.

PORTABLE OVENS

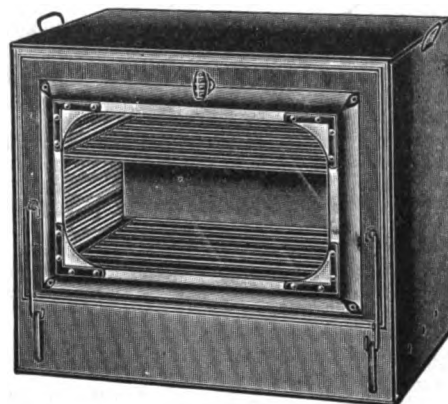
FOR OIL, GAS AND GASOLINE STOVES



Polished Steel Body, Stamped Hinged Door. Each

No. 151—Set up, 14x13x18 inches, Round Hole in Bottom, Weight Each 17 Lbs...\$2.60

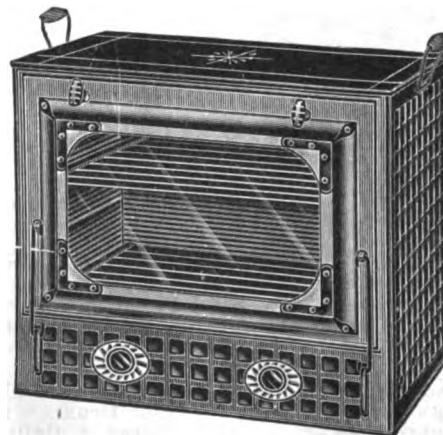
No. 251—Set up, 20x13x18 inches, Oval Hole in Bottom, Weight Each 19 Lbs... 3.00
Plain sides and top, one piece front frame, tinned lined door and sides. Two heavy wire racks and wire handles.



Polished Steel Body, Glass Drop Door. Each

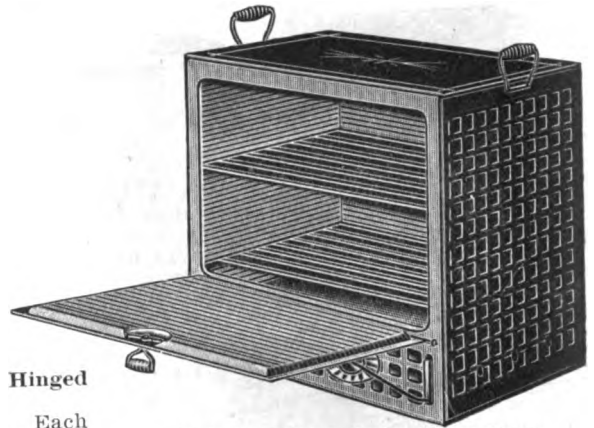
No. 2514X—Set up, 20x13x18 inches, Oval Hole in Bottom, Weight Each 23 Lbs...\$4.20

Plain sides and top, door fastens with a triple catch malleable turn buckle. Oven lined with corrugated tin, full asbestos lined. Two wire racks, wire handles.



Nos. 354 and 654.

The large, full size glass door enables one to put in the bake, close the door, watch the progress of baking, with the article visible at all times. It does away with guessing and therefore prevents mistakes. Makes good baking and successful roasting easy to the most inexperienced. Perfect ventilating insured by circulating flue system.

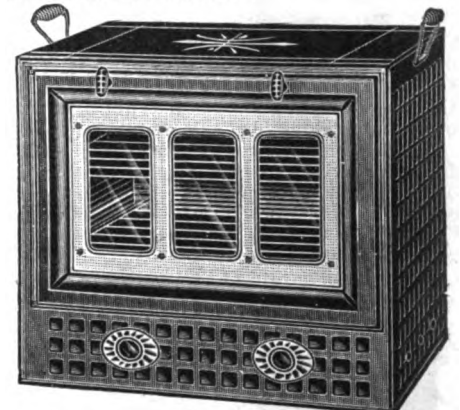


Polished Steel Body, Drop Door. Each

No. 35—Set up, 14 $\frac{1}{2}$ x13 $\frac{1}{2}$ x18 $\frac{1}{2}$ inches, Round Hole in Bottom, Weight Each 20 Lbs...\$3.40

No. 65—Set up, 21x13 $\frac{1}{2}$ x18 $\frac{1}{2}$ inches, Oval Hole in Bottom, Weight Each 25 Lbs... 3.00

Japanned and ornamented steel top, corrugated tin linings, full asbestos lined, two mica peep holes, two wire racks, Alaska handles.



Polished Steel Body, Three Panel Glass Drop Door. Each

No. 357—Set up, 14 $\frac{1}{2}$ x13 $\frac{1}{2}$ x18 $\frac{1}{2}$ inches, Round Hole in Bottom, Wt. Each 24 Lbs...\$4.50

No. 657—Set up, 21x13 $\frac{1}{2}$ x18 $\frac{1}{2}$ inches, Oval Hole in Bottom, Weight Each 26 Lbs... 5.00

Japanned and nicely decorated top, blue japanned door frame, corrugated tin linings, full asbestos lined, two mica peep holes, two heavy wire racks and Alaska handles. An exceptionally fine baking oven. Perfect ventilation insured by circulating flue system.

Polished Steel Body, Glass Drop Door. Each

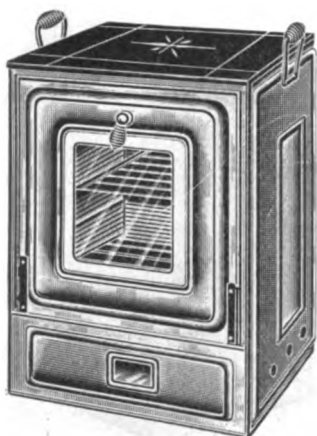
No. 354—Set up, 14 $\frac{1}{2}$ x13 $\frac{1}{2}$ x18 $\frac{1}{2}$ inches, Round Hole in Bottom, Wt. Each 21 Lbs...\$4.20

No. 654—Set up, 21x13 $\frac{1}{2}$ x18 $\frac{1}{2}$ inches, Oval Hole in Bottom, Weight Each 25 Lbs... 4.80

Black enameled gilt striped top, corrugated tin linings, full asbestos lined, two mica peep holes, two heavy wire racks, Alaska handles.

BON AMI PORTABLE OVENS

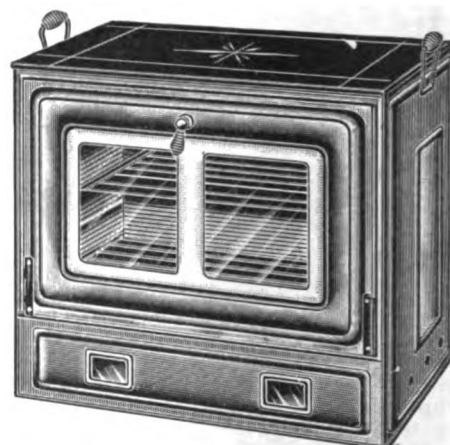
FOR OIL, GAS AND GASOLINE STOVES



Cut Shows Sanitary Oven Bottom.

The combined sanitary Removable Oven Bottom and Heat Spreader are the biggest features of these Ovens. All spilled foods can easily and quickly be removed by taking Bottom out. This cleanable tray can be lifted out through the oven door, cleaned and replaced. An exclusive feature of the Bon Ami Oven which no other oven possesses.

Steel Ebony Finished Body, Blue Porcelain Enameled Door Frame, Glass Drop Door.



No. 17—Set up, $14\frac{1}{2} \times 3\frac{3}{4} \times 18\frac{1}{2}$ inches, One Light Glass Door, Round Hole in Bottom, Weight Each 22 Lbs. .**\$4.70** Each

No. 27—Set up, $21\frac{3}{4} \times 13\frac{3}{4} \times 18\frac{1}{2}$ inches, Two Light Glass Doors, Oval Hole in Bottom, Weight Each 24 Lbs. .**\$5.20** Each

The sides and front of these Ovens are bulged to give strength and stiffness. The doors are locked and fastened at three points, the corners and centers, so that it will always close tight.

The inside of the door is smooth and has no obstructions. Door easily removed, glass is more easily replaced if broken than the glass on any other oven door.

OIL HEATERS

ALUMINO

Provided with Safety Founts and Burners, which are so scientifically constructed that two spaces separate the Burning Wick from the Oil Fount, which, together with a large Air Chamber through the Burner, guarantees not only the most perfect combustion, but also absolute safety.

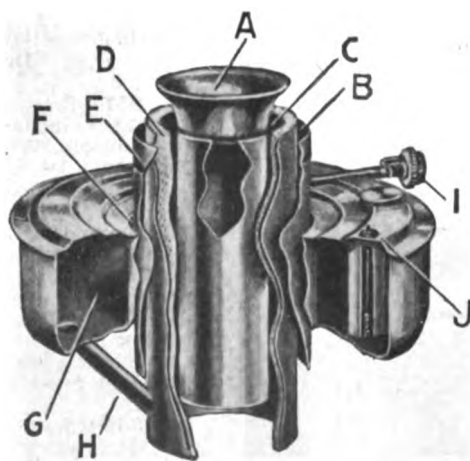
There is a deflector or partition in the drum which prevents the heat escaping directly to the ceiling, as it does with all other oil heaters. The construction of the Alumino Oil Heaters is such that it radiates the heat like a base burner, from the bottom and sides, as well as the top.

The top ring is constructed with numerous openings, admitting of the heating or baking in a very short space of time of anything which may be placed upon it.

The flame spreader is stamped from one solid piece of steel, leaving absolutely no perforations about the burner which can be clogged up with oily substances, and in consequence of which these Heaters are always free from smoke and odor.

The wicking device is not so complicated as to require an expert from the factory to re-wick the stove. It is so simple a child can operate it.

The trimmings are all highly nickeled and have a deep, beautiful luster. The steel from which the body of the stove is made has a polished finish, making the Heater not only a necessary article of practical utility, but an ornament as well.



A—Flame Spreader perfectly free from perforations.

B—Air Space outside of Wick Tube.

C—Air Space inside of Wick Tube.

D—Wick.

E—Outside Casing to Burner.

F—Air Space between Fount and Outer Casing.

G—Fount or Receptacle for Oil, entirely separate from Burner.

H—Feed Pipe conducting Oil from Fount to Burner.

I—Wick Control; prevents turning flame too high.

J—Cork Float Indicator.



Sheet Steel Body, Nickel Plated Trimmings, Removable Heavy Steel Fount and Burner Heavily Coated with Lead, Cork Float Indicator, Circular Wick, Coiled Wire Handle.

Black Japanned Finish.

Full Polished and Nickeled.

No. 21X—Height (Ball Down) 23 inches, 8 inch Diameter Drum, 8 inch Wick, Fount Holds $\frac{3}{4}$ Gallon, Burns 1 Gallon 16 to 20 Hours, Weight Each Crated 19 Lbs. .**\$5.50** Each

No. 31X—Height (Ball Down) 27 inches, 10 inch Diameter Drum, 15 inch Wick, Fount Holds $1\frac{1}{4}$ Gallons, Burns 1 Gallon 9 to 12 Hours, Weight Each Crated 28 Lbs. .**9.40** Each

One in a Crate.

No. 210—Height (Ball Down) 23 inches, 8 inch Diameter Drum, 8 inch Wick, Fount Holds $\frac{3}{4}$ Gallon, Burns 1 Gallon 16 to 20 Hours, Weight Each Crated 19 Lbs. .**\$6.50** Each

No. 310—Height (Ball Down) 27 inches, 10 inch Diameter Drum, 15 inch Wick, Fount Holds $1\frac{1}{4}$ Gallons, Burns 1 Gallon 9 to 12 Hours, Weight Each Crated 28 Lbs. .**10.50** Each

One in a Crate.

AIR TIGHT HEATERS



For Wood, Chips, Cobs, or Anything Combustible Except Coal.
Smooth Steel Body, Fancy Stamped Steel Top with Nickel Plated Urn, Handsome Large Stamped Steel Legs Bolted to Side of Stove, Draught is Admitted Through Holes in the Nozzle Collar by Turning Nozzle to Suit, Strong and Rigid Construction.

Without Lining.			
Nos.	18	21	25
Size of Body, Inches....	18x13x13	20x15x16	24x17x22
Extreme Height, Inches...	27	30	34
Pipe Collar, Inches.....	5	6	6
Weight Each, Lbs.....	17	20	24
Each	\$2.00	2.80	3.40
With Steel Lining.			
Nos.	181	211	251
Size of Body, Inches....	18x13x13	20x15x16	24x17x22
Extreme Height, Inches...	27	30	34
Pipe Collar, Inches.....	5	6	6
Weight Each, Lbs.....	20	22	30
Each	\$2.30	3.20	3.90

The Heater illustrated above is recognized as the cheapest reliable airtight on the market, and while it is undeniably a very cheap stove, quality has in no way been sacrificed to cheapness, and any dealer can safely recommend and sell this Heater for light work.

HOT BLAST

For Wood, Chips, Cobs, or Anything Combustible Except Coal.
Smooth Steel Body, Steel Bottom Double Seamed on, Steel Lining Extending the Entire Height of Stove, Fancy Stamped Hinged Top Cover with Nickel Plated Urn, Ash Cleanout Cover Locks to Avoid Falling Off, Handsome Large Stamped Steel Legs Bolted to Side of Stove, Check Draft in Top of Stove Near Pipe Collar Provides a Positive Check for the Draught.

Without Foot Rails.

Nos.	20	24	30
Size of Body, Inches....	20x17x18	24x17x22	30x17x24
Extreme Height, Inches....	33	37	39
Pipe Collar, Inches.....	6	6	6
Weight Each, Lbs.....	40	43	48
Each	\$4.10	4.70	5.90

With Nickel Plated Foot Rails.

Nos.	205	245	305
Size of Body, Inches....	20x17x20	24x17x22	30x17x24
Extreme Height, Inches....	33	37	39
Pipe Collar, Inches.....	6	6	6
Weight Each, Lbs.....	45	48	53
Each	\$5.40	6.10	7.50

Made with hot blast down draft from top and direct draft at bottom. Both drafts operate on screws and are perfectly air tight. Pipe collar arranged for setting up with pipe inverted so that creosote condensations will run back into the stove.

For Wood, Chips, Cobs, or Anything Combustible Except Coal.
Smooth Steel Body, Steel Bottom Double Seamed on, Lined Throughout, Heavy Fancy Stamped Steel Legs Bolted to Side of Stove, Fancy Stamped Top Lid Surmounted by a Handsome Nickel Plated Urn, Fancy Stamped Steel Nozzle Cover with Cast Iron Nickel Plated Screw and Draft Register.

Nos.	180	200	240	300
Size Body, Inches..	18x15x14	20x17x20	24x17x22	30x17x24
Extreme Height, In.	27	32	36	38
Pipe Collar, In....	5	6	6	6
Weight Each, Lbs.	20	29	31	39
Each	\$2.90	3.70	4.20	5.30

A very popular Heater for thoroughly heating a small room. Nozzle Locks on to avoid falling off, securely retaining the fire, but is easily removed to take out ashes, Check Draft Slide in top of Stove near pipe collar provides positive means for checking the draught. Collars arranged for setting up with pipe inverted, so that any creosote droppings return to stove.



Nos. 205 to 305.

AIR TIGHT HEATERS

CALORIC



The "Caloric" is a new, exceedingly attractive, strictly first-class Airtight Heater. It has large lift feed door surmounted by nickel swing cover fitted with a urn. The legs, base strips and ash door elbow are heavily made of cast iron. The ash door when raised to proper height catches and remains open, proving a great convenience when removing ashes.

The top of the "Carbon" Heater has a cast iron swing cover which can be used for feeding wood to the fire and has also a very ornamental nickel swing urn cover. The ample proportions of the end feed door permit the feeding of unusual size wood for this style stove, and feed opening is provided with smoke curtain. The screw draft under feed door and front draft give perfect control of fire. Has check slide in pipe collar.

CARBON



For Wood, Chips, Cobs, or Anything Combustible, Except Coal.

Polished Steel Body Protected by Heavy Steel Linings, Cast Iron Top Handsomely Modeled and Shaped Like a Dome, Nickel Plated Urn, Swing Cover, Name Plate, Top Rim, Ash Door, Draft Register and Foot Rails.

Nos.	★618	621	625	628
Size of Body, In....	14x14 ½	20x57	24x68	24x75
Extreme Height, In..	32	38	43	43
Pipe Collar, In.....	5	6	6	6
Top Opening, In.....	8 ½x10	8 ½x10	10x13	10x13
Weight Each, Lbs...	67	81	96	116
Each	\$10.50	14.00	17.00	20.00

★No. 618 has an Adjustable Pipe Collar so stove pipe can be attached horizontally or vertically.

ALCO

For Wood.

Cast Top and Bottom, Polished Steel Body Fitted to Top and Bottom by Flange Joint and Securely Bolted in Place and Absolutely Air Tight, Nickel Plated Swing Urn Top with Large Lift Top Beneath, Combination Screw and Lift Draft Register, Loose Nickel Plated Foot Rails and Trimmings.

Extra Cast Lining.

Nos.	★16A	18A	20A	22A
Length, Inches	16	18	20	22
Extreme Height, Inches....	37	40	41	42
Top Feed Opening, Inches...	8 ¼x9 ½	9 ¾x10 ¼	10 ¼x11 ¼	11 ¼x12 ¼
Weight Each, Lbs.....	75	85	100	110
Each	\$12.75	15.25	17.75	21.00

Steel Lining.

Nos.	★160A	180A	200A	220A
Length, Inches	16	18	20	22
Extreme Height, Inches....	37	40	41	42
Top Feed Opening, Inches...	8 ¼x9 ½	9 ¾x10 ¼	10 ¼x11 ¼	11 ¼x12 ¼
Weight Each, Lbs.....	65	70	80	90
Each	\$11.50	13.50	16.00	19.00

★Nos. 16A and 160A have Reversible Pipe Collar.



Nos. 16A to 220A.

OAK HEATERS



Nos. 16H to 220H.

HUNTER

For Wood.

Polished Steel Oblong Body with Rounded Corners, Heavy Ribbed Cast Iron Bottom, Extra Large Feed Door Full Width of Body, with Mica Panels, which are Protected from Smoke and Soot by a Perforated Tin Lining, Large Lift-up Cover in Top Also Permits Feeding Large Chunks of Wood, Lift-off Nickel Plated Foot Rails and Trimmings.

Perforated Cast Iron Lining.

Nos.	★16H	18H	20H	22H
Length, Inches	16	18	20	22
Extreme Height, Inches.....	37	40	41	42
Feed Opening, Inches.....	7 ½ x 8 ½	8 ½ x 9 ½	9x10	10x11
Weight Each, Lbs.....	80	90	105	115
Each	\$15.00	17.00	20.00	22.50

Steel Lining.

Nos.	★160H	180H	200H	220H
Length, Inches	16	18	20	22
Extreme Height, Inches.....	37	40	41	42
Feed Opening, Inches.....	7 ½ x 8 ½	8 ½ x 9 ½	9x10	10x11
Weight Each, Lbs.....	70	75	85	95
Each	\$13.75	16.00	18.00	21.00

★Nos. 16H and 160H have Reversible Pipe Collar.

The airtight construction is made possible by a specially constructed flange, where the body meets the heavy ribbed cast iron bottom, which is a feature which particularly characterizes the superiority of the Hunter as a wood heater. This flange is so made that the body must be wedged into position and with the manner of Bolting, a joint is obtained which is positively airtight. Has spark guard to prevent sparks from coming through the airtight screw draft in front.

AIR TIGHT HEATERS

CUBA

For Coal or Wood.

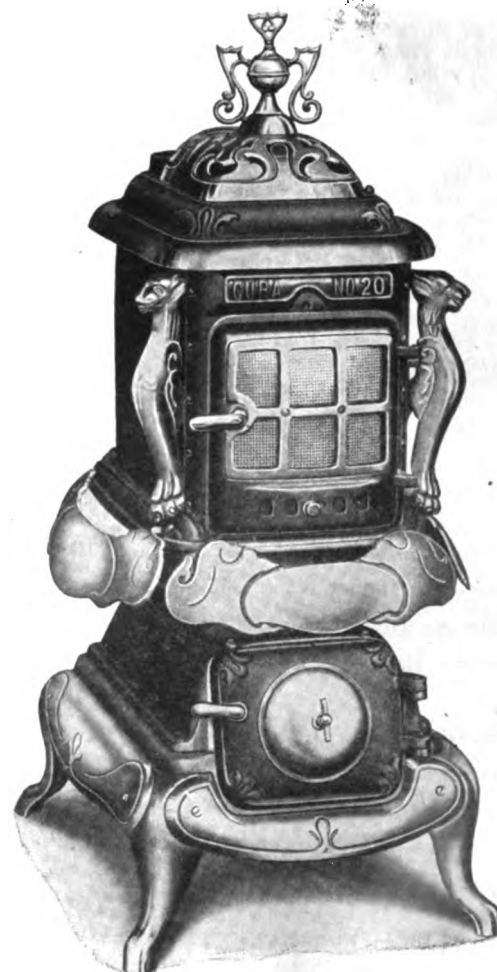
Heavy Cold Rolled Polished Blue Steel Body, Ventilated Cast Lining Above Fire Pot, Cast Top and Bottom, One Piece Fire Pot with Hot Blast Lining on Inside, Heavy Duplex Grate, Deep Ash Pit, Large Ash Pan, Extra Large Mica Feed Door, Nickel Plated Swing Top, Cooking Lid in Top, Handsome Urn, Lift-off Nickel Plated Trimmings.

Nos.	20CU	22CU
Fire Pot, Inches.....	18x11	20x11
Extreme Height, Inches.....	44	48
Size of Feed Door Opening, Inches.....	8 ½ x 9 ½	9 ½ x 11
Weight Each, Lbs.....	170	210
Each	\$27.50	31.00

The Double Hot Blast feature makes this an unusually effective and economical Heater. Special Hot Blast Fire Pot creates a draft of heated air over the fire from both sides, which is met by a Hot Blast from tube hanging from top of stove. This creates a whirling movement of the fresh, heated oxygen from both sides of heater and mingling with the carbon arising from the fire, prevents the escape of the combustible smoke and gases of the fuel into the chimney until practically every heat unit has been consumed.

The oblong shape offers a great advantage in the long fire pot as greater radiating surface is thereby obtained. It also makes this an ideal parlor heater for burning long sticks of wood. The rounded corners permit airtight fittings of all parts.

The Ash Pit Door contains Screw Draft Damper which, with Check Draft Slide in Feed Door and Hot Blast Draft in Top, gives absolute control of fire and makes it possible to easily keep a soft coal fire over night.



Nos. 20 and 22.

HOT BLAST HEATERS

PERFECT

For Hard Coal, Soft Coal or Wood.

Heavy Cold Rolled Steel Body, Cast Iron Top, Base and Legs, Nickel Plated Screw Draft Registers, Draw Center Shaking Grate, Handsome Swing Cover, with Nickel Plated Urn, Nickel Plated Off-Lift Trimmings.

Nos.	111P	113P	115P	117P	★119P	★121P
Diameter, Inches	9	11	13	15	17	19
Extreme Height, Inches...	42	45	48	51	56	59
Weight Each, Lbs.....	60	76	104	124	165	192
Each	\$10.10	12.75	15.10	19.00	22.65	27.50

Down Draft Hot Blast—Extra..... Each
\$1.40

★Nos. 119P and 121P have Smoke Curtain Inside of Large Night-Locking Feed Door.

Has Draw Center Grate operated through right side of Ash Pit, thus preventing dust or dirt when shaking grate.

This is a strong Heater, built on large, massive lines. Easy to keep clean. A favorite with the up-to-date housekeeper.



Nos. 111P to 121P.

BELLE

For Hard Coal, Soft Coal or Wood.

Heavy Smooth Steel Body, Cast Iron Top, Base and Legs, Nickel Plated Screw Draft Registers, Shaking Draw Center Grate, Smoke Curtain, Handsome Swing Cover, with Nickel Plated Urn, with Magazine for Hard Coal.

Nos.	10B	12B	14B	16B	18B	20B
Diameter, Inches	10 ½	12 ½	14 ½	16 ½	18 ½	20 ½
Extreme Height, Inches.....	44	47	51	54	58	61
Weight Each, Lbs.....	82	94	130	146	204	226
Each	\$13.90	16.40	19.60	22.90	28.50	35.30
Magazine—Extra	Each, 1.50	1.70	1.80	2.00	2.00	2.20
Body Protector—Extra....	Each, .46	.56	.70	.80	1.00	1.20

Note—Unless Specially Ordered for Wood the Regular Oak Will be Shipped.



Nos. 10B to 20B.

STOVE PIPE DRUM OVENS



For Attaching to the Pipe of Any Stove.

Each

No. 20—19½x14½ inches, Oven 18x11x11 inches,
Handsomely Carved Cast Iron Ends, Swinging
Door on Front End, Heavy Steel Rack, Cast Iron
Collars Taking 6 inch Pipe.....\$5.80

In operation the drum is placed between two joints of pipe just above the stove and the draft from the stove, which carries a great amount of heat, passes all around the oven between the inner or oven jacket proper and the outer body, and up through the pipe. For perfect regulation a damper should be placed in the pipe just above the oven. The great amount of surface in the oven makes it a help toward increasing the amount of heat obtained from the stove.

Weight Each 40 Pounds.

RADIATORS



Nos. 60 and 66.



Nos. 01 to 1.

METEOR

Sheet Steel Body, Cast Iron Ends, Nicely Carved and Ornamented.

Nos.	60	66
Size, Inches	24x10 ½	28x12 ½
For Pipe, Inches	6	6
Tubes, Inches	3 ½	4
Weight Crated, Lbs.	23	29
Each	\$2.90	3.90

WISCONSIN

Smooth Sheet Steel, without Legs.

Nos.	01	1
Size, Inches	11 ½x24	15 ½x28
For Pipe, Inches	6	6
Weight Crated, Lbs.	13	25
Each	\$3.25	5.00

Per Set

Extra Legs—Set of Three for No. 1 Only.....\$0.50

COLLAR REDUCERS



Full Weight Steel, Perfect Seams, Electric Welded Joints.

Per Dozen

No. 76—7 inch Oval Bottom, 6 inch Round Top. \$4.50

Can be used in many places where a half length tapered pipe is too long, easy to attach, fits more securely than any taper pipe.

Weight Per Dozen 12 Pounds.

One Dozen in a Crate.

STOVE PIPE ELBOWS

FAVORITE



XXX Refined Blue Iron, 2 ½ inch Ends.

Inches	5	6	7
Weight Per Dozen, Lbs.	16	18	22
Per Dozen	\$1.75	2.10	2.85

X Blue Iron, 2 inch Ends.

Inches	5	6
Weight Per Dozen, Lbs.	11	13
Per Dozen	\$1.40	1.70

Planished Iron, 2 ½ inch Ends.

Inches	5	6	7
Weight Per Dozen, Lbs.	17	19	24
Per Dozen	\$4.25	5.85	7.00

One Dozen in a Bundle.

ADJUSTABLE



Uniform Color.

Nos.	6A	7A
Inches	6	7
Weight Per Dozen, Lbs.	12	16 ½
Per Dozen	\$2.20	2.90

Polished Steel.

No.	6PA
Inches	6
Weight Per Dozen, Lbs.	13
Per Dozen	\$3.50

ADJUSTABLE EXTRA LONG END



Uniform Color Blue.

Nos.	6L	7L
Inches	6	7
Weight Per Dozen, Lbs.	15	21
Per Dozen	\$2.80	3.80

Polished Steel.

Nos.	6PL	7PL
Inches	6	7
Weight Per Dozen, Lbs.	16	22
Per Dozen	\$4.70	6.00

All Adjustable Elbows are Packed One Dozen in a Crate to Insure Delivery in Good Order.

FOUR PIECE ADJUSTABLE

26 Gauge, Galvanized.

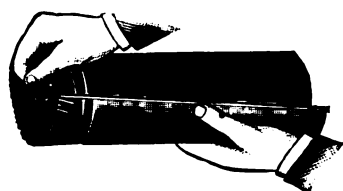
Nos.	6G	7G	8G	9G	10G
Inches	6	7	8	9	10
Wt. Dozen, Lbs.	16	18	26	32	38
Each	\$0.50	.60	.65	.75	.90

These Adjustable Elbows are so made that they are strong at the seam and cannot be taken apart.

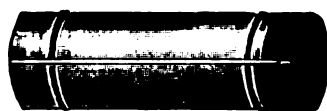
One Dozen in a Crate.

STOVE PIPE

PERFECTION



Showing Manner of Fastening Joint.



Finished Joint.

No. 27 Gauge Uniform Blued Steel, Patent Lock.
Full Joints, 24 inches Long.

Size, Inches	5	6	7
Weight Crated, Lbs.	52	60	70
Per Joint	\$0.21	.24	.28

Half Joints, 12 inches Long.

Size, Inches	6
Weight Per Crate, Lbs.	30
Per Joint	\$0.16

Taper Joints.

Size, Inches	7 to 6x24	7 to 6x12
Weight Per Crate, Lbs.	55	30
Per Joint	\$0.28	.28

Attention is called to Patent Lock. The device for holding the seam together is very simple as will be noticed by the above illustration and yet very effective.

Twenty-five Joints in a Crate.

MADE UP



Smooth Blue.

Inches	5	6	7
Length Joint, Inches	24	24	24
Weight Per Bundle, Lbs.	45	50	56
Per Joint	\$0.18	.20	.24

XXXX. Smooth Blued, 27 Gauge.

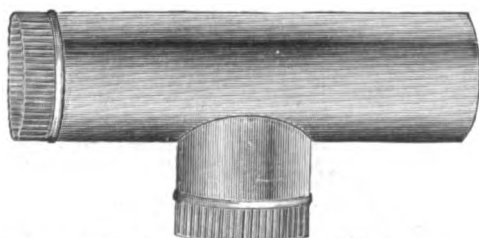
Inches	5	6	7
Length Joint, Inches	24	24	24
Weight Per Bundle, Lbs.	55	61	66
Per Joint	\$0.22	.25	.28

No. 28 Gauge, Planished.

Inches	5	6	7
Length Joint, Inches	28	28	28
Weight Per Bundle, Lbs.	58	67	73
Per Joint	\$0.50	.55	.65

Twenty-five Joints in a Bundle.

T JOINTS, MADE UP



No. 27 Gauge—Smooth Blue, 6 inch, 24 inches Long... Per Joint \$0.60
Weight Per Dozen Joints 40 Pounds.
Six Joints in a Bundle.



T JOINTS, KNOCKED DOWN

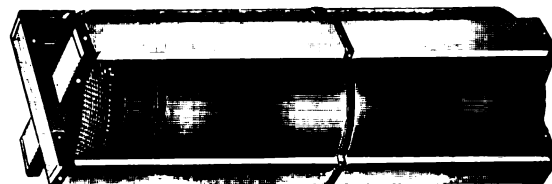
Handy—6 inch, 12 inches Long, Common Smooth Steel, Nested	Per Joint \$0.40
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Weight Per Crate 15 Pounds.

Ten Joints in a Crate.

NESTED

L. & H.



Smooth Blue.

Full Joints.

Inches	5	6	7
Length Joint, Inches	24	24	24
Weight Per Crate, Lbs.	45	50	56
Per Joint	\$0.18	.20	.24

Quarter Joints.

Inches	6
Length of Joint, Inches	6
Per Joint	\$0.10

Half Joints.

Inches	6
Length of Joint, Inches	12
Per Joint	\$0.15

Three-Quarter Joints.

Inches	6
Length of Joint, Inches	18
Per Joint	\$0.19

XXXX, Smooth Blue, 27 Gauge.

Full Joints.

Inches	5	6	7
Length Joint, Inches	24	24	24
Weight Per Crate, Lbs.	55	61	66
Per Joint	\$0.22	.25	.28

Quarter Joints.

Inches	6
Length of Joint, Inches	6
Per Joint	\$0.14

Half Joints.

Inches	6
Length of Joint, Inches	12
Per Joint	\$0.18

Three-Quarter Joints.

Inches	6
Length of Joint, Inches	18
Per Joint	\$0.24

No. 28 Gauge, Planished.

Full Joints.

Inches	5	6	7
Length Joint, Inches	28	28	28
Weight Per Crate, Lbs.	58	67	73
Per Joint	\$0.50	.55	.65

Twenty-five Joints in a Crate.

TAPER JOINTS, NESTED



Smooth Blue.

Inches	6 to 5	7 to 6
Length Joint, Inches	24	24
Weight Per Dozen Joints, Lbs.	21 1/2	26 1/2
Per Joint	\$0.20	.25

XXXX, Smooth Blued, 27 Gauge.

Inches	6 to 5	7 to 6
Length Joint, Inches	24	24
Weight Per Dozen Joints, Lbs.	27	32
Per Joint	\$0.25	.30

No. 28 Gauge, Planished.

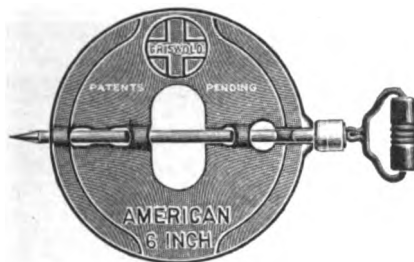
Inches	6 to 5	7 to 6
Length Joint, Inches	28	28
Weight Per Dozen Joints, Lbs.	31 1/2	35
Per Joint	\$0.55	.65

The first figure in the size of Taper Joints denotes the end that goes on the stove.

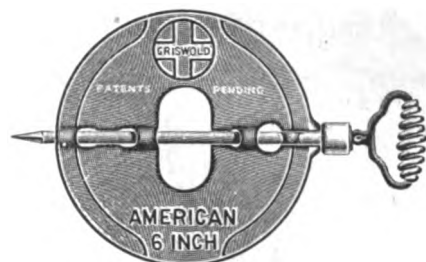
Nested in Any Quantity.

STOVE PIPE DAMPERS

AMERICAN



These Dampers are fitted with a non-breakable, one-piece steel spindle having a long, sharp point which will pierce a hole in any stove pipe.



Enameled Wood Handle, One Piece Steel Spindle, Nickel Plated Steel Ferrule, Cast Iron Plate.

No.	6W
Diameter, Inches	6
Weight Per Dozen, Lbs.	9
Per Dozen	\$1.50

Open Stock.

Nickel Plated Wire Coil Handle, One Piece Steel Spindle, Nickel Plated Steel Ferrule, Cast Iron Plate.

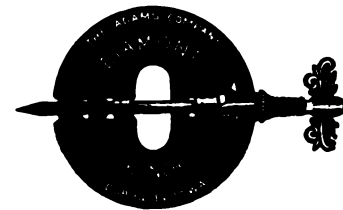
Nos.	3C	4C	5C	6C	7C	8C	9C
Diameter, Inches	3	4	5	6	7	8	9
Wt. Dozen, Lbs.	3 1/6	5 1/2	6 1/2	9	13	17	25
Per Dozen	\$1.15	1.25	1.35	1.50	2.50	4.00	5.00

Open Stock.

DIAMOND



The stem being extra long and ground to a point, can be used to force a hole through the pipe without punching a hole before hand.



Enameled Wood Handle, Tinned Steel Wire Spring, Cast Iron Plate.

No.	6D
Diameter, Inches	6
Weight Per Dozen, Lbs.	8 1/2
Per Dozen	\$1.50

Open Stock.

Bronzed Iron Handle, Tinned Steel Wire Spring, Cast Iron Plate.

No.	6DB
Diameter, Inches	6
Weight Per Dozen, Lbs.	8 1/2
Per Dozen	\$1.50

Open Stock.

STOVE PIPE DAMPERS

AMERICAN OVAL



Nickel Plated Wire Coil Handle, One Piece Steel Spindle, Nickel Plated Steel Ferrule, Cast Iron Plate.

Nos.	60	70
Size, Inches	6	7
Plate, Inches	6 3/4 x 3 3/4	7 3/4 x 3 3/4
Weight Per Dozen, Lbs.	8	9 3/4
Per Dozen	\$2.00	2.50

These Dampers are fitted with a non-breakable one piece spindle having a long sharp point which will pierce a hole in any stove pipe.

Open Stock.

COOK STOVE DAMPERS

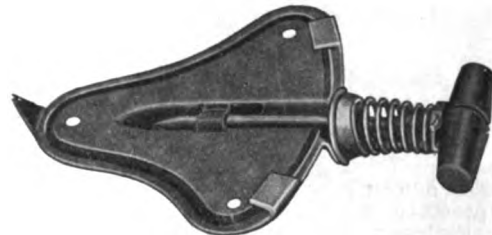
DIAMOND, ADJUSTABLE



Diamond, Adjustable—Adjustable Blade, 9x3 1/2 inches, Will Reduce to 5 1/2 x 2 inches. \$4.80
Reduced adjustment attained by breaking off at creases. Will fit all stoves having a turn-over damper.
Weight Per Dozen 22 Pounds.
Open Stock.

DAMPER CLIPS

IDEAL COMBINATION



No. 20—Stamped Steel, Black Enameled Wood Handle, with Tail Piece \$1.20

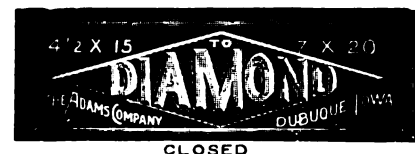
These Damper Clips may be applied with or without rivets. The corrugations around the edge of the blade makes it very strong. The spindle has a patented locking device.

Weight Per Dozen 4 Pounds.

Open Stock.

FIRE BACKS

ADAMS' DIAMOND EXTENSION



CLOSED

For Either Coal or Wood Stoves, Fits Nearly All Cook Stoves.

Per Dozen

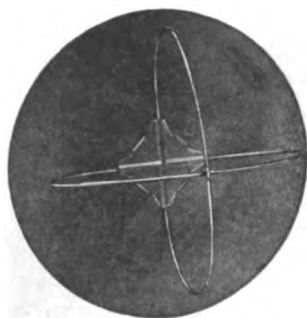
Adams' Diamond A—Adjusts from 4 1/2 to 7 inches High, and 15 to 20 inches Long. \$15.00
Has no bolts. The extending parts are fitted in dovetail and driven together in oil. When the oil burns off, the back becomes nearly rigid.

Weight Per Dozen 110 Pounds.

One-half Dozen in a Case.

FLUE STOPS

CLARK'S GEM



Per Dozen
No. 1—For 6 inch Flue, Flat Gray Japanned Finish, Artistic Landscape Design Center, Patent Wire Fastenings.....\$1.50
 Weight Per Dozen 3 3/4 Pounds.
 One Dozen in a Box.



Per Dozen
No. 2—For 6 inch Flue, Gilt, Fancy Finish, Artistic Landscape Design Center, Patent Wire Fastenings.....\$1.20
 Weight Per Dozen 3 Pounds.
 One Dozen in a Box.



Per Dozen
No. 3—For 7 to 8 inch Flue, 9 1/4 inches, Black Finished in Rich Gold Lacquer, Extra Heavy Folding Wire Fasteners.....\$1.90
 Weight Per Dozen 4 1/2 Pounds.
 One Dozen in a Box.

ROYAL WHITE



Per Dozen
No. 120—For 6 inch Flues, White Enameled Face, Lithographed Medallion Center, Cold Rolled Round Edge Spring Steel Springs.....\$1.50
 Weight Per Dozen 4 Pounds.
 One Dozen in a Box.

ACME



Per Dozen
No. 30—For 6 inch Flues, 8 1/4 inch Diameter, IC Tin, Lacquered, Rope Pattern, Fancy Pictures, Rigid Wire Fastener on Back.....\$0.90
 Weight Per Dozen 3 Pounds.
 One Dozen in a Box.

STOVE PIPE COLLARS

FAVORITE



Plain, Rope Pattern, Wide Flange.				
Nos.	5	6	7	
Inches	5x8 1/4	6x9 1/4	7x10 5/8	
Weight Per Dozen, Lbs.	1 1/4	1 3/4	2 1/2	
Per Dozen	\$0.40	.45	.65	
Black Japanned, Rope Pattern, Wide Flange.				
Nos.	15	16	17	
Inches	5x8 1/4	6x9 1/4	7x10 5/8	
Weight Per Dozen, Lbs.	1 1/4	1 3/4	2 1/2	
Per Dozen	\$0.55	.60	.85	
Gold Lacquered, Rope Pattern, Wide Flange.				
Nos.	25	26	27	
Inches	5x8 1/4	6x9 1/4	7x10 5/8	
Weight Per Dozen, Lbs.	1 1/4	1 3/4	2 1/2	
Per Dozen	\$0.40	.50	.70	

One Dozen in a Package.



Showing Finished Side in Room.



Showing Stop Reversed for Papering Over.

Per Dozen
No. H2-6—For 6 inch Flue, 8 1/4 inch Diameter, Picture Covered, Ornamental Brass, 3/8 inch Spring Steel Hoops.....\$1.50
 The stops are reversible by simply putting the hoop on the finish side, leaving a flat surface to paper over.
 Weight Per Dozen 4 Pounds.
 One Dozen in a Box.

COMMON



IC Plain Tin.

Nos.	01	02
Diameter, Inches	7 1/2	8 1/2
For Flue, Inches	6	7
Weight Per Dozen, Lbs.	3	3 1/2
Per Dozen	\$0.90	1.00
Open Stock.		

CHIMNEY THIMBLES

HOLD-TITE



The diamond-shaped indentations wedge the stove pipe securely from either end of the thimble, thus easily form a secure wedge for the pipe.

It cannot pull out of the chimney, owing to the fact that the mortar settles into the diamond-shaped recesses on the outside.

Sheet Steel.

		Per Dozen
No. 6B —6 inch Diameter, 4 inches Wide, 28 Gauge, Black		\$0.70
No. 6G —6 inch Diameter, 4 inches Wide, 29 Gauge, Galvanized		1.00

Weight Per Dozen 5 Pounds.
 One Dozen in a Bundle, Nested.

FIRE SHOVELS



Japanned.

- No. 15—4¼x7½ inch Scoop, 16 inches Long, Extra Strong, One Piece Stamped Sheet Steel, Flat Handle, Weight Per Dozen 6 Lbs. \$1.60
- No. 80—4¼x7 inch Scoop, 14¼ inches Long, One Piece Stamped Sheet Steel, Flat Handle, Weight Per Dozen 4½ Lbs.75
- One-half Dozen in a Bundle.



Japanned.

- No. 60—4¼x8 inch Scoop, 16 inches Long, One Piece Stamped Sheet Steel, Round Handle, Weight Per Dozen 5½ Lbs. \$2.00
- One-half Dozen in a Bundle.



Japanned.

- No. 57—5x8½ inch Scoop, 23 inches Long, One Piece Stamped Steel, Round Handle, Weight Per Dozen 10 Lbs. \$1.85
- Galvanized.

- No. 257—5x8½ inch Scoop, 23 inches Long, One Piece Stamped Steel, Round Handle, Weight Per Dozen 10 Lbs. \$2.20
- One-half Dozen in a Bundle.



SUPERIOR—Japanned.

- Heavy and Extra Strong, Double Band Steel Handle, Riveted.
- | Nos. | 7 | 9 | 11 |
|-------------------------|-----------|-----------|---------|
| Scoop, Inches | 5 ½ x 7 ½ | 5 ½ x 8 ¾ | 5 ½ x 9 |
| Length Over All, Inches | 16 | 22 | 25 |
| Weight Per Dozen, Lbs. | 10 | 13 | 17 |
| Per Dozen | \$2.00 | 2.40 | 2.80 |
- One-half Dozen in a Bundle.

STOVE SCRAPERS

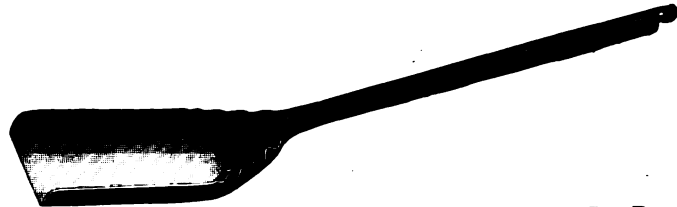


- No. 1—36 inches Long, ½ inch Diameter, Wrought Iron Rod, Steel Blade \$0.90
- Weight Per Dozen 4½ Pounds.
- One Dozen in a Bundle.



Japanned.

- No. 54—4¼x7 inch Scoop, 14 inches Long, One Piece Stamped Sheet Steel, Round Handle, Weight Per Dozen 5 Lbs. \$1.00
- Galvanized.
- No. 254—4¼x7 inch Scoop, 14 inches Long, One Piece Stamped Sheet Steel, Extra Strong, Round Handle, Weight Per Dozen 5½ Lbs. \$1.40
- One-half Dozen in a Bundle.



Japanned.

- No. 56—4¼x7 inch Scoop, 20 inches Long, One Piece Stamped Sheet Steel, Extra Strong, Round Handle, Weight Per Dozen 8 Lbs. \$1.30
- One-half Dozen in a Bundle.



Japanned.

- No. 300—6x9 inch Scoop, 25½ inches Long, One Piece Stamped Sheet Steel, Extra Heavy, Round Handle, Weight Per Dozen 17½ Lbs. \$2.80
- One-half Dozen in a Bundle.



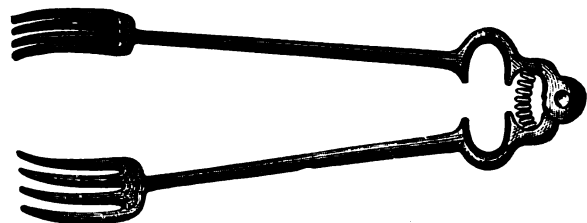
JUMBO—Black Baked Enamel.

- No. 2—Width of Scoop 5 inches, Length of Scoop 8 inches, Depth of Scoop 2½ inches, Length Over All 21½ inches, Heavy Sheet Steel, Holds 42 Oz. of Coal, a Real Fire Shovel. \$2.00
- Has corrugations at mouth of scoop, which not only strengthens it but prevents coal or ashes from falling off. Handle fits the hand.

Weight Per Dozen 12 Pounds.

Open Stock.

COAL TONGS



- No. 5—Cast Iron, Japanned, Opens 7 inches, with Spring, 13 inches Long. \$3.00
- Weight Per Dozen 11 Pounds.
- One-half Dozen in a Bundle.

FIREPLACE SETS



No. 1.



No. 5.

Iron, Black Finish.

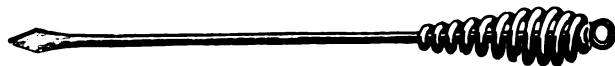
Per Set

No. 1—27 ½ inches High, Set Consists of Shovel, Tongs, Poker and Stand, Weight Per Set 18 Lbs. \$5.00

No. 5—26 inches High, Set Consists of Shovel, Tongs, Poker and Stand, Weight Per Set 13 Lbs. 5.00

One Set in a Package.

STOVE POKERS



Per Dozen

No. 120—Ideal, Straight, 20 inches Long, ¾ inch Diameter, Wrought Iron Handle, Coiled Wire Handle with Ring, Nickel Plated. \$1.20

Weight Per Dozen 7 ½ Pounds.

One Dozen in a Box.

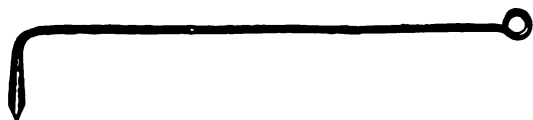


Per Dozen

No. 125—Ideal, Bent, 20 inches Long, ½ inch Diameter, Wrought Iron Handle, Coiled Wire Handle with Ring, Nickel Plated. \$1.20

Weight Per Dozen 7 ½ Pounds.

One Dozen in a Box.



Per Dozen

No. 204—Bent, 30 inches Long, ⅞ inch Diameter, Wrought Iron, Japanned. \$3.00

Weight Per Dozen 11 Pounds.

One Dozen in a Box.

STOVE COVER LIFTERS



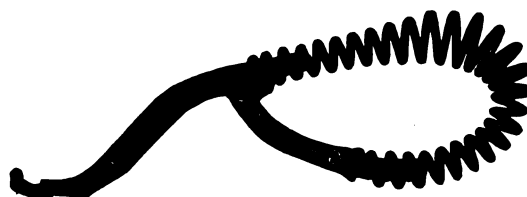
Per Dozen

No. 305—8 ¼ inches Long, Iron, Coppered, Round Open Handle \$0.36
Weight Per Dozen 3 ½ Pounds.
One Dozen in a Box.



Per Dozen

No. 66—Ideal, 9 inches Long, Cast Iron, Nickel Plated, Always Cool Wire Coil Handle. \$0.80
Weight Per Dozen 5 Pounds.
One Dozen in a Box.



Per Dozen

No. 78—Ideal, 8 ½ inches Long, Cast Iron, Nickel Plated, Handy Coiled Wire Cold Handle. \$1.00
Weight Per Dozen 6 ¼ Pounds.
One Dozen in a Box.

ANDIRONS

COLONIAL STYLE



Half Pair of No. 9.



Half Pair of No. A9.

Iron, Dead Black Finish, Octagon Posts.

Per Pair

No. 9—17 ½ inches High, Frame 4 inches High, 18 inches Long, 2 ½ inch Diameter Ball, Weight Per Pair 21 Lbs. \$5.00

No. A9—24 ¼ inches High, Frame 4 inches High, 24 inches Long, 4 inch Diameter Ball, Weight Per Pair 34 Lbs. 7.10

STOVE SHAKERS

TWO-IN-ONE



Per Assortment
No. 12 Assortment—Consists of Twelve Aluminum Finished Shakers with a Shaker at Each End, Gives a Fine Assortment of 24 Shakers, Fitting All the Popular Makes of Heating Stoves, Some of which are Listed Below.....\$4.00

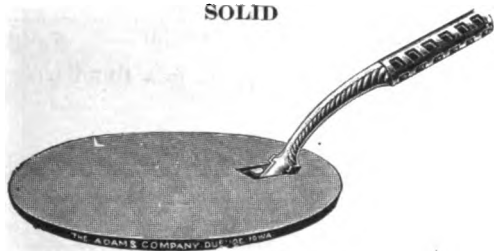
No. 37—Gold Coin.	No. 65—Peninsular.
No. 5—Palace Aladin.	No. 58—Peninsular.
No. 21—Sterling.	No. 71—Royal Acorn.
No. 112—Mystic Dockash.	No. 12—Splendid.
No. 113—Monitor Radiator.	No. 10—Art Garland.
No. 50—Buck's Brilliant.	No. 102—Live Oak Jewel.
No. 58—Minnehaha.	No. 63—Radiant Jewel.
No. 16—Flirt.	No. 83—Sterling Ventilator.
No. 52—Estate Oak.	No. 106—Wabash Oak.
No. 31—Jewett's Athanor.	No. 66—Harmony.
	No. 108—Star American.

Besides the above there are a good many other stoves that the Two-In-One will fit.

Weight Per Assortment 12 Pounds.
One Assortment in a Box.

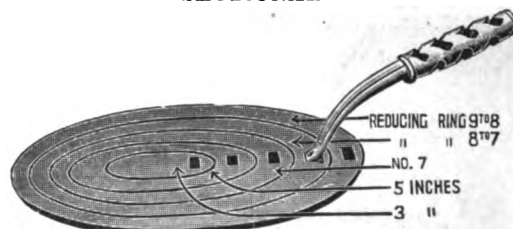
STOVE COVERS

SOLID



Nos.	8	9
Diameter, Inches	8 1/2	9 1/2
Edge, Inches	3/8	3/8
Weight Per Dozen, Lbs.	36	48
Per Dozen	\$5.20	6.70
In Bulk.		

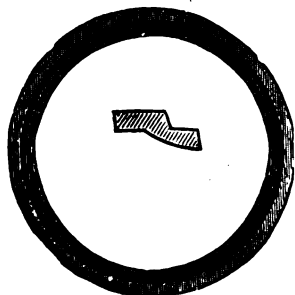
SECTIONAL



Sectional Covers Take the Place of Any Covers.

No. 8—Reduces 8 to 7 and 5 to 3 inches, Weight Per Case 21 Lbs.	Per Dozen \$ 9.00
No. 9—Reduces 9 to 8 and 5 to 3 inches, Weight Per Case 28 Lbs.	10.00
One-half Dozen in a Case.	

REDUCING RINGS



No. 8R—Reduces 8 to 7 inches, Wt. Per Dozen 13 Lbs. ..	\$2.00
No. 9R—Reduces 9 to 8 inches, Wt. Per Dozen 15 Lbs. ..	2.30
One-half Dozen in a Package.	

Per Dozen

STOVE KNOBS



Spun Steel, Nickel Plated.

Nos.	1051	1053
Diam., Inches ...	1	1 1/2
Height, Inches...	1	1 1/2
Wt. Dozen, Lbs. ...	1/2	3/4
Per Dozen	\$0.50	.70

One Dozen in a Box.

MICA

No. 1—North Carolina.						
Selected, Clear and Lustrous Mica of Highest Grade.						
Size, Inches	2x2	2x2 1/2	2x3	2x3 1/2	2x4	2x4 1/2
Per Pound	\$4.00	4.50	5.50	6.00	7.00	7.50
Size, Inches	2x5	2 1/2 x 2 1/2	2 1/2 x 3	2 1/2 x 3 1/2	2 1/2 x 4	2 1/2 x 4 1/2
Per Pound	\$8.00	5.75	7.00	8.00	9.00	9.50
Size, Inches	2 1/2 x 5	3x3	3x3 1/2	3x4	3x4 1/2	3x5
Per Pound	\$10.00	9.00	9.50	11.00	11.25	11.50
Size, Inches	3x5 1/2	3x6	3 1/2 x 3 1/2	3 1/2 x 4	3 1/2 x 4 1/2	3 1/2 x 5
Per Pound	\$11.50	11.75	11.00	11.50	11.75	12.00
Size, Inches	3 1/2 x 5 1/2	3 1/2 x 6	3 1/2 x 6 1/2	3 1/2 x 7	3 1/2 x 7 1/2	3 1/2 x 8
Per Pound	12.25	12.50	12.75	13.00	13.25	13.50
Size, Inches	4x4	4x4 1/2	4x5	4x5 1/2	4x6	4x6 1/2
Per Pound	12.00	12.25	12.50	12.75	13.00	13.25
Size, Inches	4x6	4 1/2 x 4 1/2	4 1/2 x 5	4 1/2 x 5 1/2	4 1/2 x 6	5x5
Per Pound	\$13.00	12.50	12.75	13.00	13.25	13.50
Size, Inches	5x5	5x6	5x7	6x7	6x8	6x9
Per Pound	13.00	13.50	14.50	17.00	20.00	25.00
Size, Inches	6x6	6x7	6x8	6x9	8x10	
Per Pound	13.00	13.50	14.50	17.00	20.00	25.00

One-quarter Pound in a Package.

No. 1E—North Carolina, in Envelopes.

Size, In.	2x3	2x3 1/2	2x4	2x5	2 1/2 x 2 1/2	2 1/2 x 3	2 1/2 x 3 1/2	2 1/2 x 4	2 1/2 x 5	3x3	3x3 1/2	3x4	3x4 1/2	3x5
Per Sheet...	\$0.03	.04	.05	.07	.04	.05	.06	.07	.08	.10	.09	.11	.12	.14
Size, In.	3x6	3 1/2 x 3 1/2	3 1/2 x 4	3 1/2 x 4 1/2	3 1/2 x 5	3 1/2 x 6	4x4	4x5	4x6	5x6	5x7	6x6	6x8	6x8
Per Sheet...	\$0.17	.12	.14	.16	.18	.20	.15	.20	.25	.32	.40	.45	.80	.80

Split to Proper Thickness, Ready for Use, so that All Waste in Handling is Avoided.
One Sheet in an Envelope.



COAL HODS

CORRUGATED



Open, Japanned, Half Oval Bail, Wired Top.

Nos.	6	7	8
Inches	16	17	18
Weight Per Dozen, Lbs.....	24	30	33
Per Dozen	\$5.00	5.70	6.40

One-half Dozen in a Bundle.



Funnel, Japanned, Half Oval Bail, Wired Top.

Nos.	60	70	80
Inches	16	17	18
Weight Per Dozen, Lbs.....	27	33	36
Per Dozen	\$6.50	7.20	7.90

One-quarter Dozen in a Bundle.



Open, Galvanized, Half Oval Bail, Wired Top.

Nos.	16	17	18
Inches	16	17	18
Weight Per Dozen, Lbs.....	27	36	40
Per Dozen	\$8.00	8.70	9.50

One-half Dozen in a Bundle.



Funnel, Galvanized, Half Oval Bail, Wired Top.

Nos.	160	170	180
Inches	16	17	18
Weight Per Dozen, Lbs.....	29	38	42
Per Dozen	\$10.00	10.80	11 70

One-half Dozen in a Bundle.

PLAIN



Funnel, Japanned, Gold Bronzed Bands.

No.	67
Inches	17
Weight Per Dozen, Lbs.....	46
Per Dozen	\$9.00

One-quarter Dozen in a Bundle.

CREAM CITY, PLAIN

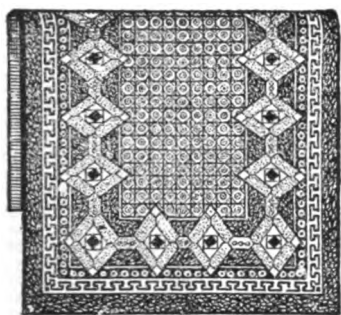


Funnel, Extra Heavy, Galvanized, Red Banded, Red Oval Iron Bail.

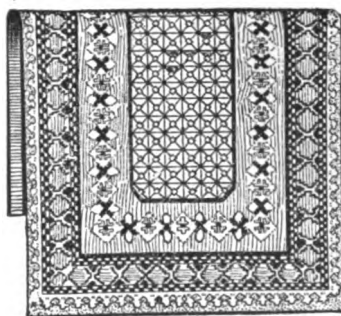
Nos.	417	418
Inches	17	18
Weight Per Dozen, Lbs.....	52	58
Per Dozen	\$16.00	16.60

One-quarter Dozen in a Bundle.

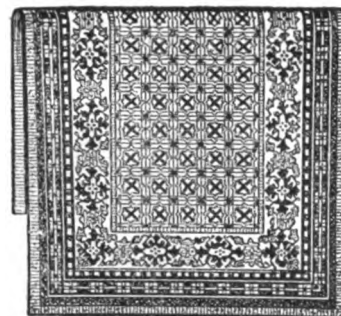
CONGOLEUM RUGS



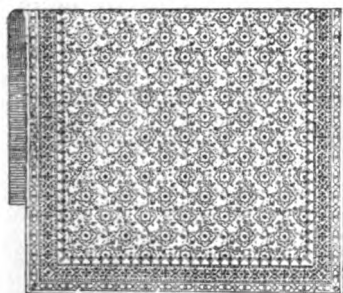
Pattern No. 20.



Pattern No. 30.

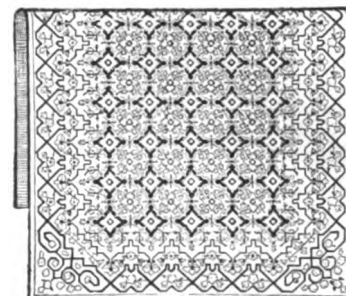


Pattern No. 32.



Pattern No. 70.

Special Sheet Showing
Patterns of
Congoleum Rugs in
Colors Furnished on
Request.



Pattern No. 60.

Waterproof, Washable, Rot-Proof, Sanitary, Lie Flat without Any Fastening, Very Durable, Assorted Patterns and Colors.

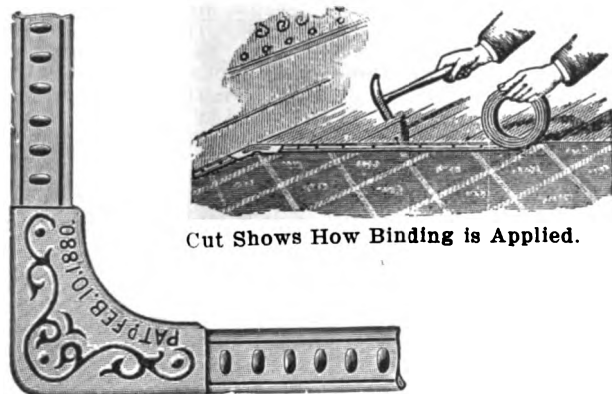
Size, Feet	3x8	3x4 1/2	3x6	4 1/2 x 4 1/2	6x6	6x9
Weight Each, Lbs.	3 3/4	4 1/4	6	6 1/2	12 1/2	20
Number of Rugs in a Carton	6	6	6	6	3	1
Each	\$0.85	1.25	1.65	1.85	3.30	5.00

Congoleum Rugs are absolutely sanitary, do not fade in the sun, lie flat without nailing or pasting, won't curl or kick up on edges, will stand hard wear.

Absolutely waterproof, can be washed with soap and water. It takes but a moment with mop to keep a rug clean and sanitary.

In Ordering State Size and Pattern.

OIL CLOTH BINDING



Cut Shows How Binding is Applied.

Zinc Plated.

Nos.	04	05	06	08
Length Per Coil, Yards..	4	5	6	8
Wt. Per Dozen Sets, Lbs.	3 1/2	4 1/4	5	6
Per Dozen Sets	\$2.40	3.00	3.60	4.80

Brass.

Nos.	4	5	6	8
Length Per Coil, Yards..	4	5	6	8
Wt. Per Dozen Sets, Lbs.	3 1/2	4 1/4	5	6
Per Dozen Sets	\$3.60	4.50	5.40	7.20

Complete with Corners and Nails.

One Dozen Sets in a Box.

LINOLEUM BINDING

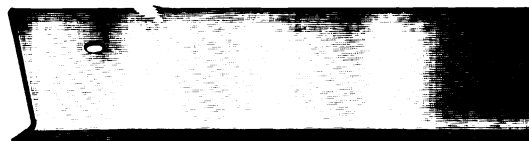


Brass, Embossed, Seam Binding.

No. 17—3/4 inch Wide, for Covering Seams of Linoleum, Packed with Necessary Nails. \$6.50

Weight Per Box 3 3/4 Pounds.
50 Yards in a Box, with Nails.

LINOLEUM EDGE BINDING



Brass, Turned Edge Binding.

No. 192—3/4 inch Wide, for Covering Any Exposed Edge of Linoleum, Packed with Necessary Nails. \$7.20

Weight Per Box 4 1/2 Pounds.
75 Feet in a Box, with Nails.

STOVE BOARDS

WABASH

WOOD LINED, "CRYSTALLIZED"



No. 3—Square.

Size, Inches.....	24x24	26x26	28x28	30x30	33x33	36x36
Wt. Dozen, Lbs...	97	114	130	149	166	199
Per Dozen	\$11.10	13.25	15.55	18.70	23.00	27.50

No. 6—Oblong.

Size, Inches.....	24x36	26x32	28x34	28x42	30x38	32x42
Wt. Dozen, Lbs...	136	134	151	186	178	211
Per Dozen	\$16.10	15.90	18.35	22.90	22.10	26.55

One-half Dozen in a Case.

WOOD LINED, "ART INLAY"



No. 39—Square.

Size, Inches.....	24x24	26x26	28x28	30x30	33x33	36x36
Wt. Dozen, Lbs...	97	114	130	149	166	199
Per Dozen	\$11.35	13.50	15.85	19.05	23.50	28.10

No. 42—Oblong.

Size, Inches.....	24x36	26x32	28x34	30x38	32x42
Wt. Dozen, Lbs...	136	134	151	178	211
Per Dozen	\$16.45	16.25	18.70	22.60	27.20

One-half Dozen in a Case.

PAPER LINED, "CRYSTALLIZED"



No. 9—Square.

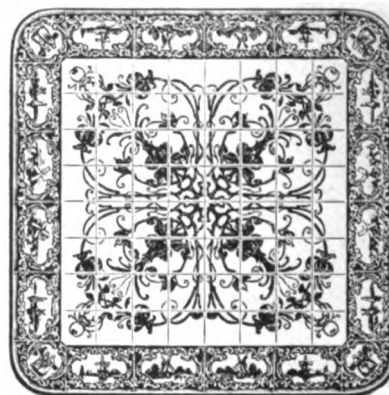
Size, Inches..	18x18	24x24	26x26	28x28	30x30	32x32	35x35
Wt. Dz., Lbs.	19	33	40	45	56	59	70
Per Dozen...	\$6.80	7.85	8.65	9.65	11.45	13.50	16.90

No. 12—Oblong.

Size, Inches.....	24x36	26x30	26x32	30x36	32x42
Wt. Per Dozen, Lbs.	53	44	54	62	79
Per Dozen	\$11.90	11.35	12.80	15.55	19.20

One Dozen in a Case.

WOOD LINED, "DEIFT"



No. 75—Square.

Size, Inches.....	24x24	26x26	28x28	30x30	33x33	36x36
Wt. Dozen, Lbs...	97	114	130	149	166	199
Per Dozen	\$11.10	13.25	15.55	18.70	23.00	27.50

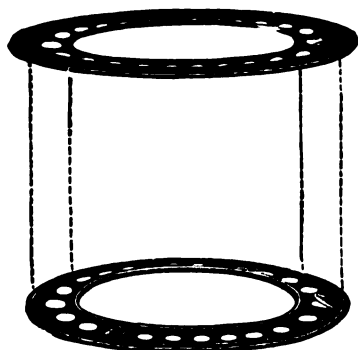
No. 78—Oblong.

Size, Inches.....	24x36	26x32	28x34	30x38	32x42
Wt. Dozen, Lbs...	136	134	151	178	211
Per Dozen	\$16.10	15.90	18.35	22.10	26.55

One-half Dozen in a Case.

CYLINDER HEADS

NEVERBREAK

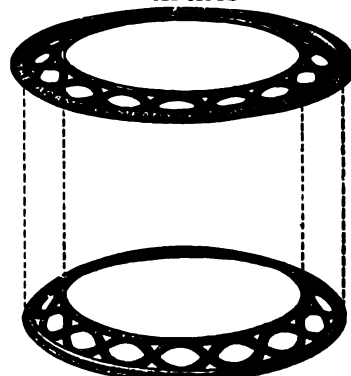


Stamped Steel, Japanned.

No.	6NB
Size, Inches.....	6
Weight Per Dozen, Lbs.....	10
Per Dozen Pairs	\$3.00

One Dozen Pairs in a Box.

ADAMS



Cast Iron.

Nos.	5	6	7
Inches	5	6	7
Wt. Per Dozen Pairs, Lbs....	19	22	28
Per Dozen Pairs.....	\$2.80	3.00	3.50

One Dozen Pairs in a Crate.

STOVE PIPE CYLINDERS

SCREW ADJUSTABLE



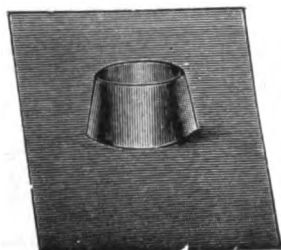
Japped Steel Heads, Corrugated Tin Sides, to Screw Together.

Nos.	1608	1612
For Pipe, Inches.	6	6
Opens, Inches.	4 to 8	6 to 12
Wt. Per Dozen, Lbs.	13	15
Per Dozen	\$6.00	7.00

Has two parts so constructed that by screwing them together any desired adjustment can be secured. Portions of the head interlock with an inward turned flange of the body, securely fastening it.

One-half Dozen in a Crate.

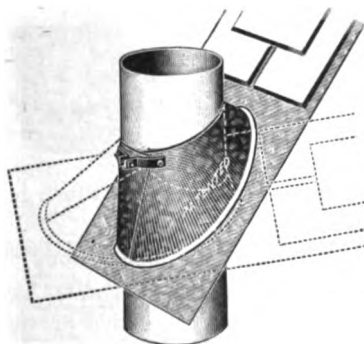
SIDE



18x18 inch Flange.

No. 2—6 inch, Japped Heavy Sheet Steel, Weight Per Dozen 19 Lbs.	Per Dozen \$4.50
No. 5—6 inch, Heavy Galvanized Iron, Weight Per Dozen 20 Lbs.	4.50
One Dozen in a Crate.	

SIDE



Galvanized Iron, One Size Fits All Pitches.

Overton Side—6 inch, Weight Per Dozen 16 Lbs.	Per Dozen \$7.00
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STOVE PIPE CAPS

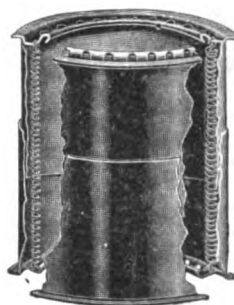


Cut Shows Cap Nested.

Sheet Steel, Stamped Out of One Piece.

No. 1—6 inch, Japped.	Per Dozen \$ 6.00
No. 4—6 inch, Galvanized.	10.00
Weight Per Dozen 5 Pounds.	
One Dozen Nested in a Pasteboard Box.	

SPRING ADJUSTABLE



Japped, All Sheet Steel, Coppered Spiral Steel Springs.

Nos.	608	612
For Pipe, Inches.	6	6
Opens, Inches.	4 to 8	6 to 12
Wt. Per Dozen, Lbs.	40	50
Per Dozen	\$6.00	7.00

Tension of spring adjusts heads to any thickness of floor or partition. Portions of the head interlock with an inward turned flange of the tin cylinders, securely fastening the heads to the cylinders.

One-half Dozen in a Crate.

PEAK

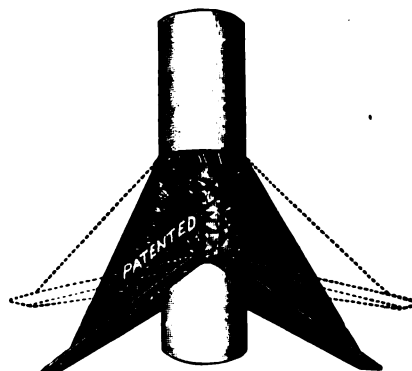


18x18 inch Flange.

No. 3—6 inch, Japped Heavy Sheet Steel, Weight Per Dozen 22 Lbs.	Per Dozen \$7.00
No. 6—6 inch, Heavy Galvanized Iron, Weight Per Dozen 23 Lbs.	7.00
One Dozen in a Crate.	

One Dozen in a Crate.

PEAK

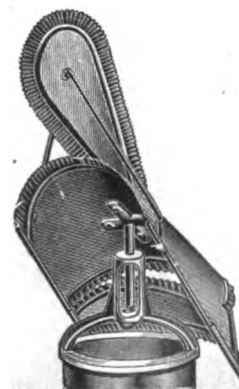


Galvanized Iron, One Size Fits All Pitches.

Overton Peak—6 inch, Weight Per Dozen 18 Lbs.	Per Dozen \$7.00
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CHIMNEY TOP CASTINGS

IWAN'S REVOLVING



Cut Showing Parts We Carry in Stock. Castings Only.

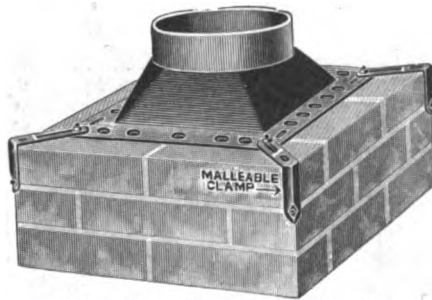
Inches.	6	7	8
Wt. Dz. Sets, Lbs.	36	38	40
Per Dozen Sets..	\$13.00	13.50	15.00

One-half Dozen Sets in a Box, with Pattern.

Cut Showing Chimney Top Complete when Made Up.

CHIMNEY CAPS

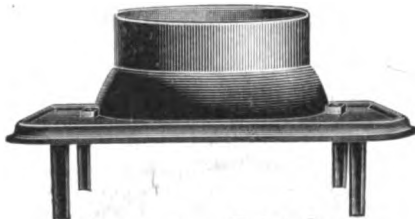
EVERLASTING ADJUSTABLE



Cast Iron, Malleable Clamps.

- No. 7A—12½x16½ inch Base, Adjustable to Fit Chimneys with 4x8, 4x12, 8x8 and 8x12 inch Flues, 7 inch Round Collar.....\$19.00
- No. 8A—With 8 inch Round Collar, Otherwise Same as No. 7A 27.00
- Weight Per Dozen 180 Pounds.
One Dozen in a Crate.

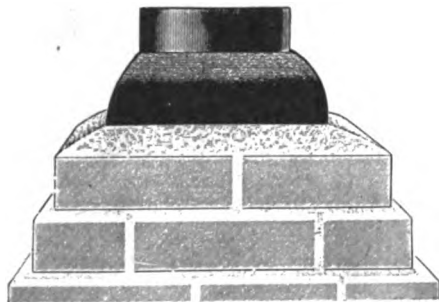
BEST ADJUSTABLE



Cast Iron, Painted.

- No. 10½—12x16 inch Rim, for 4x8, 8x8, 4x12 and 8x12 inch Flues, 8 inch Round Collar.....\$19.50
- Weight Per Dozen 150 Pounds.
One-half Dozen in a Crate.

EVERLASTING



Cast Iron, without Clamps.

- No. 7—12½x16½ inch Flange, for Chimneys Outside Measurement 12x16, 12x20 and 16x16 inches, Takes 7 inch Pipe, Weight Per Dozen 150 Lbs...\$17.50
- No. 70—12x20 inch Flange, for Chimneys Outside Measurement 12x20, 12x24, 12x28, 16x20 and 16x24 inches, Takes 7 inch Pipe, Weight Per Dozen 200 Lbs. 23.00
- No. 8—11½x20 inch Flange, for Chimneys Outside Measurements 12x20, 12x24 and 16x20 inches, Takes 8 inch Pipe, Weight Per Dozen 150 Lbs... 17.50
- No. 10—19x24 inch Flange, for Chimneys Outside Measurements 20x24, 20x28, 20x32, 24x24, 24x28 and 24x32 inches, Takes 10 inch Pipe, Weight Per Dozen 450 Lbs. 48.20
- One Dozen in a Crate.

ASH PIT DOORS AND FRAMES

Cast Iron, Japanned.

Size, Inches	8x8	8x10	10x12	10x14	12x15	16x21
Weight Per Dozen, Lbs....	108	132	168	216	240	310
Per Dozen	\$8.50	10.00	15.00	16.50	23.00	39.00

Open Stock.

COAL OR WOOD CHUTES

HOLLAND



Open.



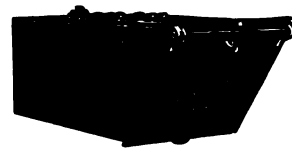
Closed.

Cast Iron Frame and Hopper with Continuous Heavy Sheet Steel Plate. Each

- No. B—Wall Opening 18 inches Wide, 22½ inches High, for One Light 14x16 inches, without Lights, Weight Each 120 Lbs.....\$14.00
- No. E—Wall Opening 24 inches Wide, 22½ inches High, for Two Lights 10x16 inches, without Lights, Weight Each 145 Lbs..... 17.50

A perfect Coal Chute when open, a fine unobstructed basement window when locked. It is burglar proof, there is no place to get in a "jimmy," no bolts on the outside to unscrew, no hinges to pry off, you can't open this chute with a wire or knife. It locks itself automatically when it is closed up, yet unlocks easily from the inside by merely raising the plate from the notches which hold it at the sides. When open the heavy sheet completely covers and absolutely protects the glass.

THE "BEST"



Closed.



Open.

Cast Iron Frame and Door, Sets Flush in Wall. Each

- No. 1—18x18 inches Outside, 32 inches Long on Top, Heavy Steel Tube, Weight Each 70 Lbs.....\$10.00
- No. 2—18x24 inches Outside, 32 inches Long on Top, Heavy Steel Tube, Weight Each 85 Lbs..... 14.00
- No. 3—20x36 inches Outside, 16 inches Long on Top, All Cast Iron, Very Heavy, Designed Specially for Soft Coal, Weight Each 230 Lbs..... 19.50

When not in use, draw the chain tight and attach the hook at bottom of tube, which securely locks the door, making it burglar proof.

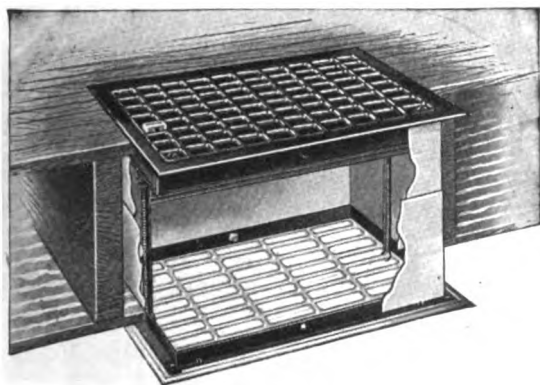
To open the door attach the last link to hook and when door is opened, it holds chain to top of tube out of the way. The cover is held open by the hook on the door engaging with the cover on top of frame. The door opening up protects the siding of the house. Has a flange overlapping the top of door, preventing the rain from running down the chute and rusting it out.



ADJUSTABLE VENTILATORS

H. & C.

INDEPENDENT



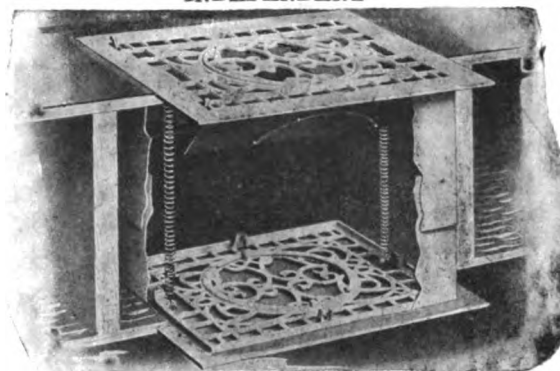
Regular Pattern.

No. 2250—Wrought Steel, Adjustable from 7 to 12 inches in Depth.

Consists of one Black Japanned Floor Register with Valve and one White Japanned Ceiling Plate Attached to a Tin Box.

Size, Inches.....	8x10	9x12	10x12	10x14
Weight Each, Lbs.....	9 ½	12	12 ½	15
Each	\$4.40	5.40	6.40	7.60

Designed to carry surplus heat from a lower to an upper floor room, or ventilating between two rooms on the same floor. One in a Box.



Combination Pattern.

Black Floor Register with Valves, White Ceiling Plate, 6 inch Removable Center Piece, Sheet Metal Box.

Nos.	108	1210
Inches	8x10	10x12
Weight Each, Lbs.....	9	12 ½
Each	\$6.60	9.60

The metal box connects the floor register and ceiling plate and is adjustable from 7 to 12 inches in depth. Will fit any ordinary ceiling. This style of Ventilator is just the thing in cases where it is desirable to run a stove pipe through the floor or partition and at the same time allow surplus heat to pass from one room to another.

One in a Pasteboard Box; Three Boxes in a Crate.

STOVE PIPE REGISTERS



Floor Plate.

ADAMS ROUND



Ceiling Plate.

With Flue Cover Plate.

No. 06—Outside Diameter 15 ½ inches, for 6 inch Stove Pipe, Japanned Floor Plate, White Ceiling Plate, Weight Per Dozen Sets 220 Lbs.....	Per Dozen Sets
No. 07—Outside Diameter 15 ½ inches, for 7 inch Stove Pipe, Japanned Floor Plate, White Ceiling Plate, Weight Per Dozen Sets 240 Lbs.....	\$25.00
One-quarter Dozen Sets in a Box.	25.00

STOVE PIPE REGISTERS

FLUE VENTILATORS

IDEAL



With Flue Cover Plate. Per Dozen Sets

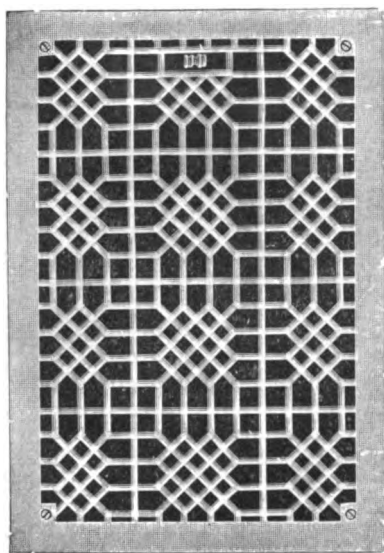
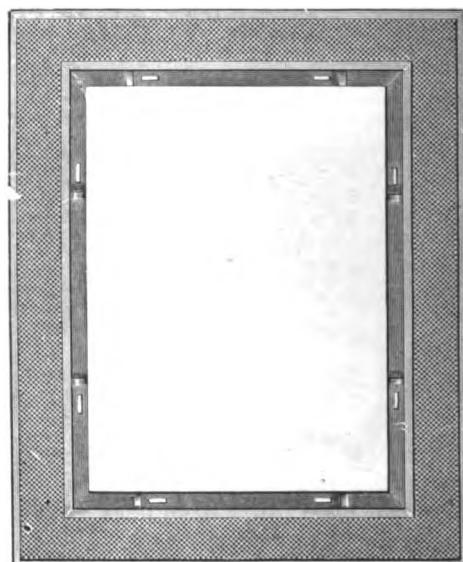
No. 6—Diameter 16 inches, for 6 inch Stove Pipe, Japanned Floor Plate, White Ceiling Plate.....	\$22.00
Weight Per Dozen Sets 180 Pounds.	
One-quarter Dozen Sets in a Box.	



No. 60—6 inch, Cast Iron, Japanned, with Cord Fixtures	Per Dozen
	\$6.00

Weight Per Dozen 28 Pounds.

REGISTERS

INDIAN LATTICE
DESIGN

Register.

Border.

Size of Opening.	Register Each.	Register, Face, Each.	Floor Border, Each.
4 1/2 x 6 1/2	\$1.40	\$0.55	\$1.15
4x8	1.50	.60	1.15
4x10	1.55	.75	1.15
4x12	1.80	.95	1.35
4x13	2.50	1.10	1.75
4x15	3.00	1.20	1.90
4x18	4.00	1.30	2.75
4x21	5.00	2.25	3.15
4x24	6.00	2.75	3.75
6x6	1.50	.90	1.15
6x8	1.55	1.00	1.15
6x9	1.60	1.05	1.20
6x10	1.60	1.05	1.20
6x12	1.85	1.25	1.45
6x14	2.85	1.65	1.90
6x16	4.00	2.00	2.70
6x18	5.20	2.25	3.25
6x20	6.00	2.50	3.50
6x22	7.00	3.00	3.95
6x24	8.00	3.70	4.50
6x28	9.50	4.25	5.40
6x30	11.50	4.75	6.00
6x32	13.00	5.25	6.50
7x7	1.55	1.00	1.20
7x10	1.65	1.10	1.25
7x12	1.90	1.25	1.50
7x14	2.95	1.90	1.90
7x15	3.75	2.55	2.55
8x8	1.60	1.05	1.20
8x10	1.65	1.10	1.25
8x12	1.90	1.30	1.50
8x13	2.75	1.85	1.85
8x14	3.00	2.00	2.00
8x15	3.80	2.60	2.60
8x16	4.50	2.70	2.70
8x18	6.60	3.50	3.50
9x9	2.00	1.40	1.60
9x12	2.10	1.45	1.65
9x13	2.95	2.00	2.00
9x14	3.10	2.15	2.15
9x15	3.95	2.65	2.65

Black Japanned.

Size of Opening.	Register Each.	Register, Face, Each.	Floor Border, Each.
9x16	\$4.70	\$2.70	\$2.70
9x17	5.95	3.25	3.25
9x18	6.65	3.60	3.60
9x19	7.40	3.95	3.95
9x20	8.75	4.30	4.30
10x10	2.35	1.65	1.70
10x12	2.40	1.70	1.75
10x14	3.15	2.20	2.20
10x16	4.85	2.95	2.95
10x18	6.70	3.70	3.70
10x20	8.90	4.35	4.35
10x22	10.40	4.90	4.90
10x24	12.15	5.35	5.35
10x30	19.50	8.00	8.00
12x12	4.00	2.70	2.70
12x14	4.35	2.80	2.80
12x15	4.50	2.90	2.90
12x16	5.60	3.50	3.50
12x17	6.35	3.80	3.80
12x18	6.80	3.90	3.90
12x19	7.50	4.00	4.00
12x20	9.00	4.50	4.50
12x24	12.25	5.50	5.50
12x30	20.00	8.20	8.20
12x32	24.50	9.75	9.75
12x36	26.75	10.25	10.25
12x40	35.00	15.50	15.50
14x14	7.90	4.05	4.05
14x15	8.25	4.20	4.20
14x16	8.50	4.30	4.30
14x18	9.00	4.50	4.50
14x20	9.50	4.80	4.80
14x22	10.50	5.00	5.00
14x24	14.90	6.90	6.90
14x48	46.00	20.00	20.00
16x16	11.00	5.10	5.10
16x18	12.00	5.30	5.30
16x20	12.35	6.10	6.10
16x22	14.75	6.70	6.70
16x24	15.00	7.00	7.00
16x28	24.60	10.00	10.00
16x30	27.90	11.00	11.00

White Japanned.

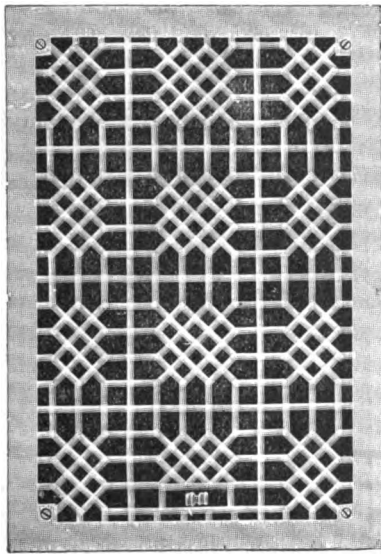
Size of Opening.	Register.	Face.
4 1/2 x 6 1/2	\$1.70	\$0.85
4x8	1.80	.90
4x10	1.90	1.10
4x13	3.00	1.50
6x6	1.80	1.20
6x8	1.85	1.30
6x10	1.95	1.40
6x12	2.25	1.60
6x14	3.45	2.10
7x10	2.00	1.40
8x8	1.95	1.40
8x10	2.00	1.45

Size of Opening.	Register.	Face.
8x12	\$2.30	\$1.70
9x9	2.40	1.80
9x12	2.55	1.90
9x14	3.70	2.75
10x10	2.85	2.15
10x12	2.90	2.20
10x14	3.80	2.85
10x16	5.85	3.95
12x12	4.80	3.50
12x14	5.25	3.65
12x15	5.40	3.80

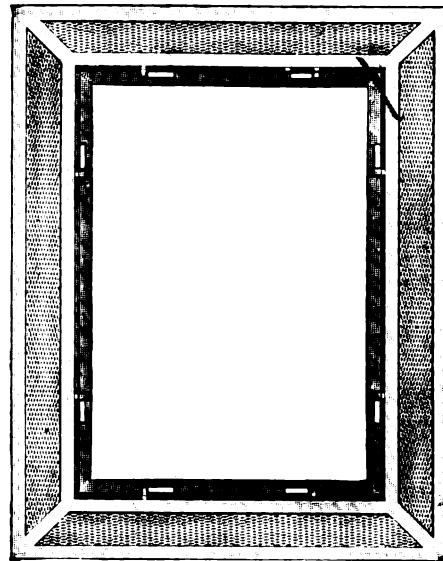
Size of Opening.	Register.	Face.
12x16	\$6.70	\$4.60
12x17	7.60	5.05
12x18	8.15	5.25
12x19	9.00	5.50
12x20	10.80	6.30
12x24	13.50	6.75
14x14	9.45	5.60
14x16	10.20	6.00
14x18	10.80	6.30
14x20	11.25	6.40
14x22	12.00	6.50

Note—All sizes Printed with Heavy Type List are Carried in Stock.
Ventilators for Cords 50 Cents List Extra on All Sizes up to 14x14, and \$1.00 List Extra on All Sizes Above.

REGISTERS



Register.



Border.

INDIAN LATTICE
DESIGN

Nickel Plated and Brass Plated.

Size of Opening.	Register Each.	Register, Face, Each.	Floor Border, Each.	Size of Opening.	Register Each.	Register, Face, Each.	Floor Border, Each.	Size of Opening.	Register Each.	Register, Face, Each.	Floor Border, Each.
4½x6½...	\$2.20...	\$1.35...	\$2.10	10x10.....	\$5.35...	\$4.65...	\$5.20	16x20...	\$24.60...	\$16.00...	\$14.00
4x8.....	2.40...	1.50...	2.15	10x12.....	5.50...	4.80...	5.35	16x24...	29.60...	19.25...	17.10
4x10.....	2.60...	1.80...	2.40	10x14.....	6.55...	5.60...	6.00	18x18...	26.00...	16.50...	15.00
4x12.....	3.10...	2.45...	3.00	10x16.....	8.60...	6.70...	7.20	18x21...	30.00...	19.00...	18.00
4x13.....	3.80...	2.90...	3.75	12x12.....	7.90...	6.60...	7.10	18x24...	34.25...	22.50...	18.75
6x6.....	3.00...	2.40...	2.95	12x14.....	8.25...	6.75...	7.35	20x20...	32.40...	21.20...	18.10
6x8.....	3.10...	2.50...	3.00	12x15.....	8.50...	6.90...	7.60	20x24...	39.00...	25.50...	21.70
6x9.....	3.40...	2.85...	3.45	12x16.....	9.75...	7.65...	8.25	20x26...	42.00...	27.50...	22.00
6x10.....	3.50...	2.95...	3.60	12x17.....	10.60...	8.05...	8.65	24x24...	49.00...	32.50...	26.00
6x12.....	4.20...	3.60...	4.10	12x18.....	11.25...	8.35...	9.00	24x27...	56.00...	37.00...	29.00
6x14.....	5.75...	4.50...	5.30	12x19.....	12.25...	8.75...	9.25	24x30...	62.00...	41.50...	32.00
6x24.....	13.30...	8.30...	9.30	12x20.....	14.10...	9.50...	9.90	24x36...	74.00...	50.30...	36.50
6x30.....	18.25...	10.65...	12.10	12x24.....	18.60...	12.10...	12.25	27x27...	66.00...	44.50...	34.00
7x10.....	3.80...	3.25...	3.80	14x14.....	14.30...	9.60...	10.00	30x30...	85.00...	56.00...	41.00
8x8.....	3.70...	3.15...	3.65	14x16.....	16.50...	11.00...	11.00	30x36...	102.00...	70.00...	48.00
8x10.....	3.85...	3.30...	3.90	14x18.....	18.50...	12.00...	12.15	36x36...	127.00...	83.00...	66.00
8x12.....	4.40...	3.75...	4.40	14x20.....	20.50...	13.00...	12.75	36x40...	142.00...	95.00...	76.00
9x9.....	4.90...	4.30...	4.75	14x22.....	22.50...	14.50...	13.50	36x42...	150.00...	96.50...	80.50
9x12.....	5.10...	4.45...	5.00	16x16.....	19.75...	12.80...	12.50	36x48...	173.00...	103.00...	87.00
9x14.....	6.50...	5.50...	5.95	16x18.....	22.25...	14.25...	13.25				

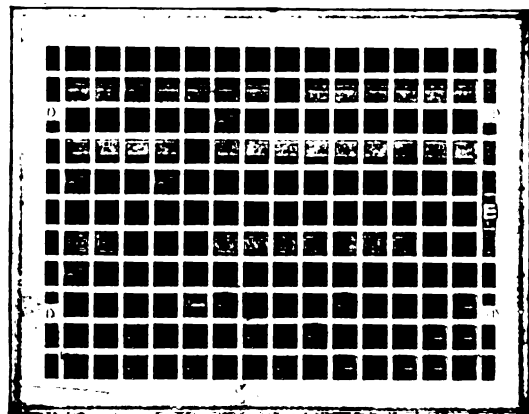
Electro-Plated, Antique Copper.

Size of Opening.	Register Each.	Register, Face, Each.	Floor Border, Each.	Size of Opening.	Register Each.	Register, Face, Each.	Floor Border, Each.	Size of Opening.	Register Each.	Register, Face, Each.	Floor Border, Each.
4½x6½...	\$2.00...	\$1.15...	\$1.75	10x10.....	\$4.35...	\$3.65...	\$3.70	16x18...	\$16.20...	\$9.50...	\$9.50
4x8.....	2.20...	1.30...	1.85	10x12.....	4.40...	3.70...	3.75	16x20...	16.55...	10.30...	10.30
4x10.....	2.40...	1.60...	2.00	10x14.....	5.25...	4.30...	4.30	16x24...	20.00...	12.00...	12.00
4x12.....	2.80...	2.15...	2.55	10x16.....	7.20...	5.30...	5.30	18x18...	23.75...	12.45...	12.45
4x13.....	3.50...	2.60...	3.25	12x12.....	6.35...	5.05...	5.05	18x21...	26.00...	13.25...	13.25
6x6.....	2.70...	2.10...	2.35	12x14.....	6.85...	5.35...	5.35	18x24...	27.75...	14.60...	14.60
6x8.....	2.80...	2.25...	2.40	12x15.....	7.00...	5.40...	5.40	20x20...	24.75...	13.00...	13.00
6x10.....	3.00...	2.45...	2.60	12x16.....	8.25...	6.15...	6.15	20x24...	28.20...	14.80...	14.80
6x12.....	3.50...	2.90...	3.10	12x17.....	9.00...	6.45...	6.45	20x26...	32.00...	17.50...	17.50
6x14.....	4.95...	3.75...	4.00	12x18.....	9.55...	6.65...	6.65	24x24...	40.00...	22.00...	22.00
6x24.....	12.00...	7.00...	7.50	12x19.....	10.35...	6.85...	6.85	24x27...	45.00...	25.00...	25.00
6x30.....	16.50...	8.90...	10.00	12x20.....	12.20...	7.60...	7.60	24x30...	50.00...	29.25...	28.25
7x10.....	3.10...	2.55...	2.70	12x24.....	16.30...	9.55...	9.55	24x36...	65.50...	37.50...	34.25
8x8.....	3.00...	2.45...	2.60	14x14.....	11.00...	7.15...	7.15	27x27...	49.25...	29.00...	28.00
8x10.....	3.15...	2.60...	2.75	14x16.....	11.50...	7.30...	7.30	30x30...	65.00...	37.00...	34.00
8x12.....	3.65...	3.05...	3.25	14x18.....	12.00...	7.50...	7.50	30x36...	90.00...	51.00...	41.00
9x9.....	3.90...	3.30...	3.50	14x20.....	13.00...	8.50...	8.50	36x36...	105.00...	60.00...	54.50
9x12.....	4.00...	3.35...	3.55	14x22.....	14.50...	9.00...	9.00	36x40...	135.00...	74.00...	62.10
9x14.....	5.20...	4.25...	4.25	16x16.....	15.00...	9.10...	9.10	36x42...	143.00...	77.00...	65.00
								36x48...	168.00...	90.00...	76.00

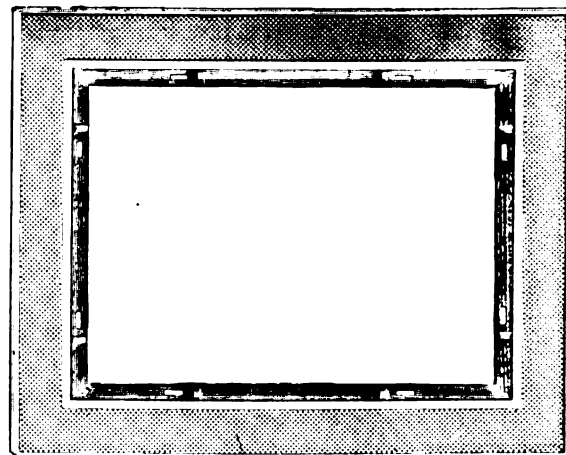
Note—All Sizes Printed in Heavy Type List are Carried in Stock.

REGISTERS

TUTTLE & BAILEY'S



Register.

PLAIN LATTICE
DESIGNWrought Steel,
Japanned.

Border.

Size of Opening.	Black Register, Each.	Black Faces, Each.	Black Border, Each.	White Faces, Each.
4½x6½	\$1.40..	\$0.55..	\$1.15..	\$0.85
4x8...	1.50..	.60..	1.15..	.90
4x10...	1.55..	.75..	1.15..	1.10
4x12...	1.80..	.95..	1.35..	1.35
4x13...	2.50..	1.10..	1.75..	1.50
4x15...	3.00..	1.20..	1.90..	1.80
4x18...	4.00..	1.30..	2.75..	1.95
4x21...	5.00..	2.25..	3.15..	3.25
4x24...	6.00..	2.75..	3.75..	3.75
5x8...	1.55..	.90..	1.15..	1.25
5x9...	1.55..	1.00..	1.20..	1.30
5x10...	1.60..	1.05..	1.20..	1.40
5x11...	1.75..	1.10..	1.30..	1.50
5x12...	1.80..	1.20..	1.40..	1.60
5x13...	2.60..	1.35..	1.80..	1.85
5x14...	2.80..	1.50..	1.90..	2.00
5x15...	3.60..	1.65..	2.00..	2.35
5x16...	3.90..	1.80..	2.60..	2.55
5x17...	4.20..	2.00..	2.70..	2.80
5x18...	5.25..	2.10..	3.20..	3.15
6x6...	1.50..	.90..	1.15..	1.20
6x8...	1.55..	1.00..	1.15..	1.30
6x9...	1.60..	1.05..	1.20..	1.35
6x10...	1.60..	1.05..	1.20..	1.40
6x12...	1.85..	1.25..	1.45..	1.60
6x14...	2.85..	1.65..	1.90..	2.10
6x16...	4.00..	2.00..	2.70..	2.80
6x18...	5.20..	2.25..	3.25..	3.30
6x20...	6.00..	2.50..	3.50..	3.70
6x22...	7.00..	3.00..	3.95..	4.40
6x24...	8.00..	3.70..	4.50..	5.30
6x28...	9.50..	4.25..	5.40..	5.75
6x30...	11.50..	4.75..	6.00..	6.25
6x32...	13.00..	5.25..	6.50..	6.50
7x7...	1.55..	1.00..	1.20..	1.35
7x10...	1.65..	1.10..	1.25..	1.40
7x12...	1.90..	1.25..	1.50..	1.65
7x14...	2.95..	1.90..	1.90..	2.50
7x15...	3.75..	2.55..	2.55..	3.30
8x8...	1.60..	1.05..	1.20..	1.40
8x10...	1.65..	1.10..	1.25..	1.45
8x12...	1.90..	1.30..	1.50..	1.70
8x14...	3.00..	2.00..	2.00..	2.60
8x15...	3.80..	2.60..	2.60..	3.35
8x16...	4.50..	2.70..	2.70..	3.60
8x18...	6.60..	3.50..	3.50..	4.80

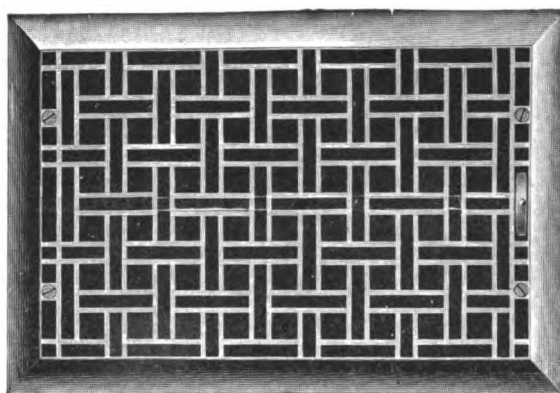
Size of Opening.	Black Register, Each.	Black Faces, Each.	Black Border, Each.	White Faces, Each.
8x20...	\$ 8.70..	\$3.90..	\$3.90..	\$5.60
8x21...	9.00..	4.00..	4.00..	5.80
8x24...	11.25..	4.70..	4.70..	6.00
8x27...	13.60..	5.40..	5.40..	6.80
8x30...	14.70..	6.30..	6.30..	7.90
9x9...	2.00..	1.40..	1.60..	1.80
9x12...	2.10..	1.45..	1.65..	1.90
9x13...	2.95..	2.00..	2.00..	2.55
9x14...	3.10..	2.15..	2.15..	2.75
9x15...	3.95..	2.65..	2.65..	3.45
9x16...	4.70..	2.70..	2.70..	3.65
9x18...	6.65..	3.60..	3.60..	4.95
9x20...	8.75..	4.30..	4.30..	5.65
9x22...	10.35..	4.50..	4.50..	6.15
9x24...	12.00..	5.30..	5.30..	6.50
9x28...	16.35..	6.80..	6.50..	8.45
9x30...	17.50..	7.10..	7.10..	8.85
10x10...	2.35..	1.65..	1.70..	2.15
10x12...	2.40..	1.70..	1.75..	2.20
10x14...	3.15..	2.20..	2.20..	2.85
10x16...	4.85..	2.95..	2.95..	3.95
10x18...	6.70..	3.70..	3.70..	5.05
10x20...	8.90..	4.35..	4.35..	5.75
10x22...	10.40..	4.90..	4.90..	6.25
10x24...	12.15..	5.35..	5.35..	6.60
10x30...	19.50..	8.00..	8.00..	9.95
12x12...	4.00..	2.70..	2.70..	3.50
12x14...	4.35..	2.80..	2.80..	3.65
12x15...	4.50..	2.90..	2.90..	3.80
12x16...	5.60..	3.50..	3.50..	4.60
12x17...	6.35..	3.80..	3.80..	5.05
12x18...	6.80..	3.90..	3.90..	5.25
12x19...	7.50..	4.00..	4.00..	5.50
12x20...	9.00..	4.50..	4.50..	6.30
12x24...	12.25..	5.50..	5.50..	6.75
12x30...	20.00..	8.20..	8.20..	10.20
12x32...	24.50..	9.75..	9.75..	12.20
12x36...	26.75..	10.25..	10.25..	12.90
12x40...	35.00..	15.50..	15.50..	19.00
14x14...	7.90..	4.05..	4.05..	5.60
14x15...	8.25..	4.20..	4.20..	5.85
14x16...	8.50..	4.30..	4.30..	6.00
14x18...	9.00..	4.50..	4.50..	6.30
14x20...	9.50..	4.80..	4.80..	6.40
14x22...	10.50..	5.00..	5.00..	6.50
14x24...	14.90..	6.90..	6.90..	8.40
14x48...	46.00..	20.00..	20.00..	24.60
16x16...	11.00..	5.10..	5.10..	6.20

Size of Opening.	Black Register, Each.	Black Faces, Each.	Black Border, Each.	White Faces, Each.
16x18...	\$12.00..	\$5.30..	\$5.30..	\$6.50
16x20...	12.35..	6.10..	6.10..	7.35
16x22...	14.75..	6.70..	6.70..	8.15
16x24...	15.00..	7.00..	7.00..	8.50
16x28...	24.60..	10.00..	10.00..	12.45
16x30...	27.90..	11.00..	11.00..	13.80
16x32...	31.00..	13.10..	13.10..	16.20
16x36...	36.00..	16.00..	16.00..	19.60
18x18...	18.50..	7.20..	7.20..	9.05
18x20...	19.50..	7.60..	7.60..	9.55
18x21...	20.50..	7.75..	7.75..	9.80
18x24...	21.50..	8.35..	8.35..	10.50
18x27...	27.50..	10.75..	10.75..	13.50
10x30...	31.25..	13.25..	13.25..	16.35
18x36...	38.00..	17.25..	17.25..	21.05
20x20...	19.75..	8.00..	8.00..	10.00
20x22...	21.60..	8.40..	8.40..	10.55
20x24...	22.00..	8.60..	8.60..	10.80
20x26...	23.50..	9.50..	9.50..	11.85
20x28...	28.90..	11.50..	11.50..	14.40
20x30...	33.50..	13.50..	13.50..	16.85
20x32...	37.50..	17.10..	17.10..	20.85
20x36...	43.00..	18.50..	18.50..	22.80
22x22...	28.50..	11.40..	11.40..	14.25
22x24...	29.50..	11.80..	11.80..	14.75
22x26...	31.00..	13.10..	13.10..	16.20
22x28...	33.90..	13.90..	13.90..	17.30
22x30...	36.00..	16.00..	16.00..	19.60
22x32...	42.00..	17.50..	17.50..	21.70
22x36...	47.50..	20.50..	20.50..	25.25
22x38...	52.00..	22.50..	22.50..	27.70
22x42...	64.00..	27.00..	27.00..	33.40
24x24...	30.00..	12.00..	12.00..	15.00
24x27...	33.95..	14.00..	14.00..	17.40
24x30...	38.00..	17.25..	17.25..	21.05
24x32...	42.50..	18.00..	18.00..	22.25
24x36...	50.00..	22.00..	22.00..	27.00
24x45...	67.50..	28.50..	28.50..	35.25
27x27...	49.25..	17.00..	17.00..	20.70
27x38...	76.00..	25.00..	25.00..	30.60
28x28...	44.00..	19.00..	19.00..	23.40
28x30...	48.50..	21.00..	21.00..	25.85
28x32...	53.00..	24.50..	24.50..	29.80
28x36...	64.00..	27.00..	27.00..	33.40
30x30...	49.00..	21.50..	21.50..	26.40
30x36...	67.50..	28.50..	28.50..	35.25
30x42...	77.50..	33.00..	29.00..	40.75

Note—All Sizes Printed with Heavy Type List are Carried in Stock.

REGISTERS

T. & B. CAST



Convex Lattice Design.

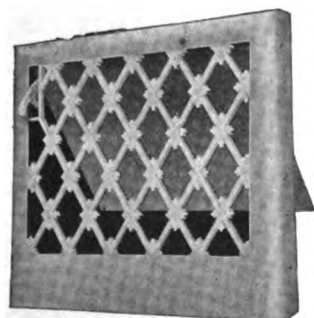
Cast Iron.

Size of Opening, Inches	Japanned, Black Each	Japanned, White Each	Antique Copper Finish	Nickel, Each	Electro Plated Brass or Bronze Each	White Porcelain Enamel, Each	Solid Brass or Bronze Metal, Each
6x10.....	\$ 2.30	\$ 2.95	\$ 3.70	\$ 3.70	\$ 4.45	\$ 6.65	\$ 6.95
8x10.....	2.40	2.90	3.90	3.90	5.10	8.15	8.50
8x12.....	2.70	3.25	4.45	4.45	5.75	9.65	10.20
9x12.....	3.00	3.60	4.90	4.90	6.60	10.60	11.25
10x12.....	3.75	4.50	5.75	5.75	7.60	11.90	12.50
10x14.....	5.00	6.00	7.10	7.10	9.40	14.35	15.20
12x15.....	7.50	9.00	10.00	10.00	13.00	19.30	20.55

Note—All Sizes printed with Heavy Type List are Carried in Stock.

BASE BOARD REGISTERS

T. & B. CAST



Style 22—Cast.

A one-piece cast iron Register, Body size made standard to fit standard stack heads.

Provided with Iron Frame, which fits into the stack head and to which the Register is attached with one screw.

Price includes the Frame.

No. 5½—Depth of Stack Head Throat (Single Header)
5½ inches.

	Japanned Black Each	Oxidized Copper Each	Plated Brass or Nickel Each
8x10 inch	\$2.00	3.50	3.85
9x12 inch	2.50	4.00	4.40

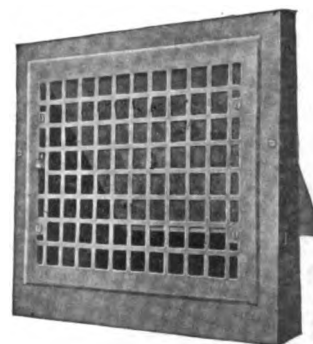
No. 6½—Depth of Stack Head Throat (Single Header)
6½ inches.

	Japanned Black Each	Oxidized Copper Each	Plated Brass or Nickel Each
10x12 inch	\$3.65	5.40	6.00
12x13 inch	4.20	6.20	7.00

No. 7½—Depth of Stack Head Throat (Single Header)
7½ inches.

	Japanned Black Each	Oxidized Copper Each	Plated Brass or Nickel Each
12x14 inch	\$5.85	8.00	9.00

T. & B. STEEL



Style 99—Steel.

A new one-piece all wrought steel Register, with patent air-tight Fastener for quick installation, to hold the Register in place and to prevent the wall from being discolored by the heat.

The Face has a large free air opening and the Register is designed with the proper proportion between depth, size and capacity.

No. 15½—Depth of Stack Head Throat (Single Header)
5½ inches.

	Japanned Black Each	Oxidized Copper Each	Plated Brass or Nickel Each
8x10 inch	\$2.00	3.50	3.85
9x12 inch	2.50	4.00	4.40

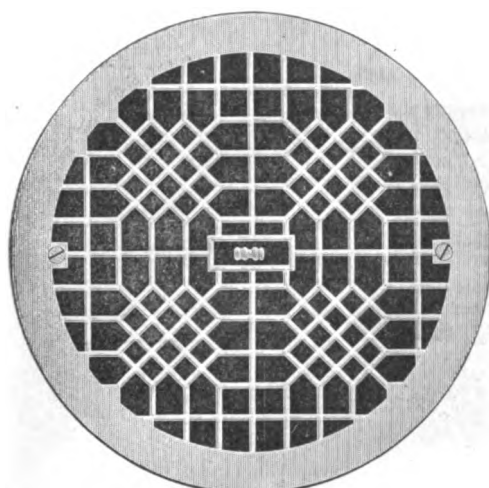
No. 16½—Depth of Stack Head Throat (Single Header)
6½ inches.

	Japanned Black Each	Oxidized Copper Each	Plated Brass or Nickel Each
10x12 inch	\$3.65	5.40	6.00
10x13 inch	4.20	6.20	7.00

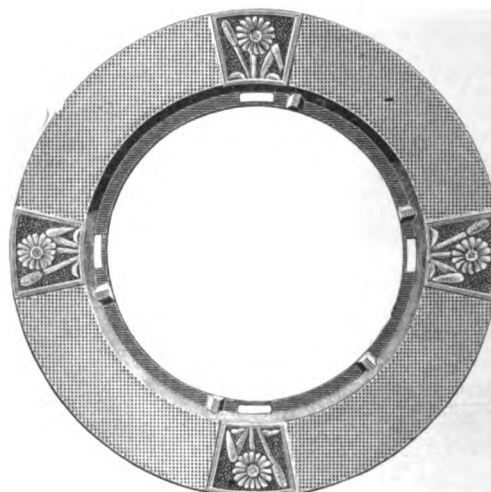
No. 17½—Depth of Stack Head Throat (Single Header)
7½ inches.

	Japanned Black Each	Oxidized Copper Each	Plated Brass or Nickel Each
12x14 inch	\$5.85	8.00	9.00

REGISTERS



Register.

INDIAN LATTICE
DESIGN

Border.

Cast Iron.

ROUND REGISTERS, FACES AND BORDERS

Slide-Center Movement.

Round Registers.

Size of Opening, Inches.	Japanned Black, Each.	Japanned White, Each.	Bronzed Gold, Copper or Bronze Finish, Each.	Nickel Each.	Electro Plated, Brass, Bronze or Copper, Each.
6	\$ 1.50	\$ 1.80	\$ 2.70	\$ 2.70	\$ 3.00
7	1.55	1.90	2.90	2.90	3.50
8	1.60	1.95	3.00	3.00	3.70
9	2.00	2.40	3.90	3.90	4.90
10	2.35	2.85	4.35	4.35	5.35
12	4.00	4.80	6.35	6.35	7.90
14	7.90	9.45	11.00	11.00	14.30
16	11.00	12.20	15.00	15.00	19.75
18	18.50	20.35	23.75	23.75	26.00
20	19.75	21.75	24.75	24.75	32.40
24	30.00	33.00	40.00	40.00	49.00
28	44.00	48.40	57.50	57.50	72.00
30	49.00	53.90	65.00	65.00	85.00
36	80.00	88.00	105.00	105.00	127.00

Round Faces Only.

Size of Opening, Inches.	Japanned Black, Each.	Japanned White, Each.	Bronzed Gold, Copper or Bronze Finish, Each.	Nickel Each.	Electro Plated, Brass, Bronze or Copper, Each.
6	\$ 0.90	\$ 1.20	\$ 2.10	\$ 2.10	\$ 2.40
7	1.00	1.35	2.35	2.35	2.95
8	1.05	1.40	2.45	2.45	3.15
9	1.40	1.80	3.30	3.30	4.30
10	1.65	2.15	3.65	3.65	4.65
12	2.70	3.50	5.05	5.05	6.60
14	4.05	5.60	7.15	7.15	9.60
16	5.10	6.20	9.10	9.10	12.80
18	7.20	9.05	12.45	12.45	16.50
20	8.00	10.00	13.00	13.00	21.20
24	12.00	15.00	22.00	22.00	32.50
28	19.00	23.40	32.50	32.50	49.00
30	21.50	26.40	37.00	37.00	56.00
36	35.00	43.00	60.00	60.00	83.00

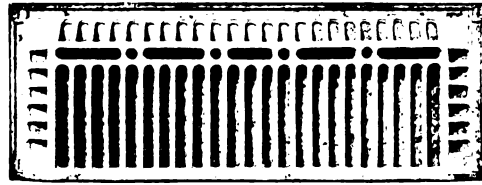
Round Floor Borders.

Size of Opening, Inches.	Japanned Black, Each.	Japanned White, Each.	Bronzed Gold, Copper or Bronze Finish, Each.	Nickel Each.	Electro Plated, Brass, Bronze or Copper, Each.
6	\$ 1.15	\$ 1.35	\$ 2.35	\$ 2.35	\$ 2.95
7	1.20	1.50	2.55	2.55	3.55
8	1.20	1.50	2.60	2.60	3.65
9	1.60	1.80	3.50	3.50	4.75
10	1.70	2.15	3.70	3.70	5.20
12	2.70	3.50	5.05	5.05	7.10
14	4.05	5.60	7.15	7.15	10.00
16	5.10	6.20	9.10	9.10	12.50
18	7.20	9.05	12.45	12.45	15.00
20	8.00	10.00	13.00	13.00	18.10
24	12.00	15.00	22.00	22.00	26.00
28	19.00	23.40	31.00	31.00	36.40
30	21.50	26.40	34.00	34.00	41.00
36	29.50	43.00	54.50	54.50	66.00

Note—All Sizes Printed with Heavy Type Lists in Black Japanned are Carried in Stock, Balance Will be Furnished to Order.

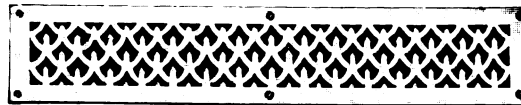
VENTILATING PLATES

CONVEX BASE BOARD



Size of Opening, Inches.....		5x14	6x18
Japanned Black	Each,	\$1.20	1.70
Japanned White	Each,	1.40	2.00
Nickel Plated or Brass Plated	Each,	3.00	3.75
Electro Plated, Antique Copper	Each,	3.00	3.75

MOUSE-PROOF PATTERN

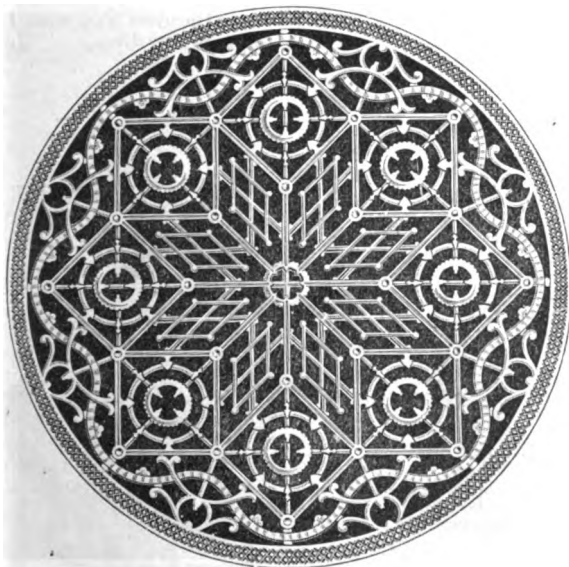


Suitable to be Set in the Baseboard as Open Ventilators.

Size of Opening, In	Black Japanned, Each	White Japanned, Each	Gold Bronzed, Each	Electro Plated Antique Copper, Each	Nickel and Brass Plated, Each
2x 6	\$0.30	\$0.35	\$0.40	\$0.50	\$0.65
2x 9 .....	.50	.55	.60	.75	.95
2x12 .....	.60	.70	.85	1.00	1.20
2x15 .....	.75	.85	1.05	1.25	1.50
2x22	1.10	1.25	1.45	1.80	2.25
2x24	1.20	1.40	1.60	1.95	2.35
2x30	1.45	1.65	2.05	2.40	3.00
3x 9 .....	.55	.65	.80	.90	1.10
3x12 .....	.60	.70	1.00	1.10	1.45
4x12 .....	.85	1.00	1.20	1.45	1.70
4x15	1.10	1.25	1.60	1.80	2.25
4x18	1.35	1.50	1.80	2.20	2.60

Note—All Sizes Printed with Heavy Type Lists in Black Japanned only, are Carried in Stock, Balance will be Furnished to Order.

HEAVY GRATING AND BORDERS

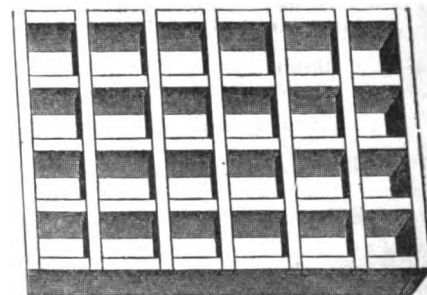


Black Japanned.

Size of Opening, Inches...	36	42	48
Grating	\$35.00	48.00	60.00
Border	29.50	37.50	45.00

WOOD REGISTER FACES

PLYMOUTH

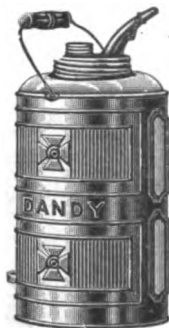


Selected Kiln Dried Hardwood, Guaranteed not to Warp or Buckle.

The filler or cross strips are securely glued in grooves cut to receive them in the stringer strips, the face of the register being absolutely smooth and even and free from defects.

Size, Inches	16x22	16x30	18x24	18x30
Each	\$2.44	3.34	3.00	3.75
Size, Inches	20x24	20x30	24x30	
Each	\$3.33	4.15	5.00	

The above cut shows the face complete with boards. The end border strips will not be nailed on but will be sent with face when requested and can be nailed in position after face has been cut to exact size required.

DANDY

Glass Body, Open Panel Tin Jacket and Bottom.

Per Dozen
Dandy—1 Gallon, Tin Top and Screw Filler Cap, Soldered Tin Spout, Wire Ball, Black Enameled Wood Handle....\$5.00
Weight Per Dozen 48 Pounds.
One Dozen in a Crate.

BILLY-KAN

No. 800.

BILLY-KAN

Billy-Kan, Galvanized Iron, Tin Breast, Squat Can, 1 1/2 inch Filler Opening.

Per Dozen
No. 800—Capacity 1 Gallon\$5.50
Weight Per Dozen 25 Pounds.
One Dozen in a Crate.

GLOBE

Galvanized, Plain Stamped Fluted Tin Breast, Banded Top and Bottom, Back Handle.

Per Dozen
No. 10—Capacity 1 Gallon, Size 6 1/4 inches.....\$5.50
Weight Per Dozen 24 Pounds.
One Dozen in a Crate.

NATIONAL

Galvanized, Stamped Fluted Breast.

Per Dozen
No. 25—Capacity 5 Gallons, Size 12 1/4 inches, Banded Top and Bottom, 1 1/2 inch Screw Cap, 3/8 inch Metal Faucet\$16.50
Weight Per Dozen 65 Pounds.
One-quarter Dozen in a Crate.

OIL CANS**WIRE CUSHION**

Glass Body, Protected with Tinned Steel Spring Coiled Wire.

Per Dozen
Wire Cushion—1 Gallon, Tin Top and Filler Cap, Soldered Spout, Wire Ball, Black Enameled Wood Handle.....\$8.00
Weight Per Dozen 50 Pounds.
One Dozen in a Crate.

GLOBE

No. 10.

CHAMPION

Nos. 010 to 30.

Nos. 50 and 100.

CHAMPION

Galvanized Plain Stamped Fluted Tin Breasts, Banded Top and Bottom, Large Spout, 1 1/2 inch Screw Cap.

Nos.	010	20	80
Capacity, Gallons	1	2	3
Inches	6 1/4	8 1/4	9 1/4
Weight Per Dozen, Lbs.	25	30	35
Per Dozen	\$5.30	8.30	11.00

No. 010, One Dozen; No. 20, One-half Dozen; No. 30, One-quarter Dozen in a Crate.

NATIONAL

Galvanized, Stamped Fluted Breast, Banded Top and Bottom, Large Spout, 1 1/2 inch Screw Cap.

Nos.	50	100
Capacity, Gallons	5	10
Inches	10 1/2	12 1/2
Weight Per Dozen, Lbs.	65	82
Per Dozen	\$14.60	24.75

One-quarter Gross in a Crate.

CREAM CITY TILTING

Anti-Leak, Galvanized, Removable Japanned Iron Frame.

Per Dozen
No. 35—Capacity 5 Gallons, Size 10 1/2 x 16 inches, 18 inches High Over All, Green Banded, Tinned Iron Faucet....\$19.00
Weight Per Dozen 85 Pounds.
One-quarter Dozen in a Crate.

C. C. HAND MADE, LAY DOWN

Normal Position. Laid Down Position.
Heavy Galvanized Iron, Hand Soldered, Double Seamed Throughout.

Per Dozen
No. 085—Capacity 5 Gallons, Striped with Wide Band of Brilliant Red, Heavy Tinned Wire Ball, Large Ebony Ball Wood, 1 1/2 inch Filler Opening, White Plate Faucet...\$18.60
Weight Per Dozen 86 Pounds.
One-quarter Dozen in a Crate.

OIL CANS

OHIO JUNIOR

Galvanized Iron, IX Charcoal Tin Breast, Tin Cover.

Per Dozen

No. 65—Capacity 5 Gallons, Red Striped Top and Bottom, with Single Tube Direct Flow Pump.....\$20.00

The Pump is a Single Tube Direct Flow Pump and will overflow receptacle to be filled the same as all ordinary pumps. The cover extends over entire can.

Weight Per Dozen 83 Pounds.

One-quarter Gross in a Crate.

DELPHOS

Heavy Galvanized Iron, Double Seamed Throughout, IXX Tin Breast and Cover. Per Dozen

No. 55—Capacity 5 Gallons, Red Enameled Stripe at Top and Bottom, with Pump, Automatically Signals When Lamp is Almost Full\$25.00



No. 65.



No. 55.

The Pump is a Force Pump and Siphon Combined. This construction makes it possible to either fill or empty a receptacle with the pump. It is screwed into the can and fits close to the bottom, with a small wire soldered to the bottom of pump so can may be drained.

Weight Per Dozen 83 Pounds.

One-quarter Dozen in a Crate.

GASOLINE CANS

NATIONAL



Nos. 501 to 510.



No. 605.

Galvanized, Painted Red, Large Spout, 1 1/2 Inch Screw Cap.

Nos.	501	502	503	505	510
Gallons	1	2	3	5	10
Inches	6 1/4	8 1/4	9 1/4	10 1/2	12 3/4
Weight Per Dozen, Lbs.	33	37	43	69	90
Per Dozen	\$5.50	8.30	11.20	13.80	22.60

Galvanized, Painted Red, 3/8 Inch Metal Faucet.

Per Dozen

No. 605—Capacity 5 Gallons, Size 10 1/2 Inches.....\$15.60

Weight Per Dozen 70 Pounds.

No. 501, One Dozen; No. 502, One-half Dozen; Nos. 503 to 605, One-quarter Dozen in a Crate.

SAFETY CANS

PROTECTION



Inspected and Labeled "Approved by the Underwriters' Laboratories, Inc., Chicago, Under the Direction of the National Board of Fire Underwriters."

Galvanized Iron, Painted Red.

Nos.	18	28	38	58
Capacity, Gallons	1	2	3	5
Weight Each, Lbs.	34	38	44	72
Each	\$2.00	2.50	4.00	5.00

For storing and properly handling Naphtha, Gasoline, Benzine, Alcohol, Ammonia and other hazardous fluids.

Non-Explosive, Simple, Non-Destructible, Fool-Proof.

WOOD JACKET CANS

CONE TOP

With Nozzle, Red Top and Bottom Hoop.

Nos.	401	402	403	405	410
Capacity, Gallons	1	2	3	5	10
Weight Per Dozen, Lbs.	18	30	36	54	84
Per Dozen	\$4.30	5.80	7.40	8.80	15.80

No. 401, One-half Dozen; Nos. 402 to 405, One-quarter Dozen;

No. 410, One-sixth Dozen in a Bundle.

With Screw Top and Bent Spout, Red Top and Bottom Hoop.

Nos.	111	112	113	115	120
Capacity, Gallons	1	2	3	5	10
Weight Per Dozen, Lbs.	18	30	36	54	84
Per Dozen	\$5.50	7.00	8.60	10.00	17.00

No. 111, One-half Dozen; Nos. 112 to 115, One-quarter Dozen;

No. 120, One-sixth Dozen in a Bundle.



Nos. 401 to 410.

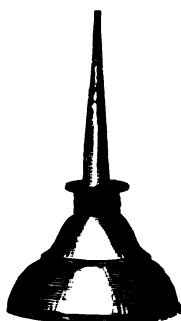


Nos. 111 to 120.

OILERS

CHACE'S PATTERN

Seamless Zinc Body, Double Seamed Spring Body.



Nos. 00 to 5.

Nos.	00	0	1	2
Capacity, Oz.	$\frac{3}{4}$	$1\frac{1}{4}$	2	4
Diam., Inches.	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{5}{8}$	$3\frac{1}{8}$
Ht. Body, In.	$1\frac{1}{2}$	$1\frac{5}{8}$	2	$2\frac{3}{4}$
Lgth. Spout, In.	$2\frac{1}{8}$	$2\frac{1}{2}$	$2\frac{3}{4}$	$4\frac{1}{4}$
Wt. Doz., Lbs.	$\frac{5}{8}$	$1\frac{1}{8}$	$1\frac{1}{2}$	2
Per Dozen	\$1.00	1.25	1.50	2.00
Nos.		3	4	5
Capacity, Oz.		$6\frac{1}{2}$	$8\frac{3}{4}$	11
Diam., Inches.		$3\frac{1}{4}$	$4\frac{1}{8}$	$4\frac{1}{2}$
Ht. Body, In.		3	$3\frac{3}{8}$	$3\frac{5}{8}$
Lgth. Spout, In.		$4\frac{1}{4}$	5	5
Wt. Doz., Lbs.		$2\frac{3}{4}$	$3\frac{1}{2}$	4
Per Dozen		\$2.25	2.75	3.50

Nos. 00 and 0, One Dozen; Nos. 1 to 5,
One-half Dozen in a Box.

EXTRA SPOUTS FOR CHACE'S PATTERN
OILERS

Tin, with Screw.

Nos.	18	28	38	48
Length, Inches.	$2\frac{1}{8}$	$4\frac{1}{4}$	$4\frac{1}{4}$	5
Wt. Dozen, Lbs.	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
Per Dozen	\$1.00	1.00	1.20	1.20

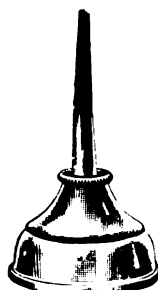
Open Stock.

SEWING MACHINE

Daisy—Sewing Machine Oiler, Polished
Tin, with Brass Collar and Screw... \$0.90

Weight Per Dozen $\frac{3}{4}$ Pound.

One Dozen in a Box.



Daisy.

MOWING MACHINE



Brass Plated, One Piece Body and Bot-
tom, Dome Top, Large Mouth,
Spring Bottom.

No. 1170—Capacity 10 Oz., $2\frac{1}{2}$
inch Diameter, 4 inches High,
5 inch Straight Spout, $1\frac{1}{2}$
inch Opening \$2.30
No. 1171—Bent Spout, Otherwise
Same as No. 1170 2.30
Weight Per Dozen 3 Pounds.
One Dozen in a Box.

MOWING MACHINE



Straight Point.

Bright Tinned Steel, Seamless Body, Large Mouth.

Per Dozen
No. 29—Capacity $\frac{1}{2}$ Pint, 3 inch Diameter, $3\frac{1}{2}$ inches
High, $3\frac{3}{4}$ inch Straight Spout, $1\frac{1}{4}$ inch Opening,
Weight Per Dozen 3 Lbs. \$1.00
No. 29B—Bent Spout, Otherwise Same as No. 29 1.00
One-half Dozen in a Package.

Seamless Tinned Steel Body, Brass Bottom, Large Mouth.

Per Dozen
No. 705—Capacity $\frac{1}{2}$ Pint, 3 inch Diameter, $3\frac{1}{2}$ inches
High, $3\frac{3}{4}$ inch Straight Spout, $1\frac{1}{4}$ inch Opening,
Weight Per Dozen $3\frac{1}{2}$ Lbs. \$1.60
No. 705B—Bent Spout, Otherwise Same as No. 705 1.60
One-half Dozen in a Package.

Copper Plated, Seamless Steel Body, Large Mouth.

Per Dozen
No. 710—Capacity $\frac{1}{2}$ Pint, 3 inch Diameter, $3\frac{1}{2}$ inches
High, $3\frac{3}{4}$ inch Straight Spout, $1\frac{1}{4}$ inch Opening,
Weight Per Dozen $3\frac{1}{2}$ Pounds. \$1.60
No. 710B—Bent Spout, Otherwise Same as No. 710 1.60
One Dozen in a Box.

MOWING MACHINE



One Piece Drawn Steel, Copper Plated
Spring Bottom, Large Mouth.

Per Dozen
No. 620—Capacity 11 Oz., 3 inch
Diameter, 4 inches High, 5
inch Straight Spout, $1\frac{1}{4}$ inch
Opening \$3.20
No. 620B—Bent Spout, Other-
wise Same as No. 620 3.20
Weight Per Dozen $4\frac{1}{2}$ Pounds.
One Dozen in a Box.

EXTRA SPOUTS FOR MOWING MACHINE OILERS
Tin, Interchangeable.

No. 15—Straight, Large Mouth, with Screw Per Dozen \$0.60
No. 20—Bent, Large Mouth, with Screw60
Open Stock

One Piece Drawn Steel Body and Collar,
Heavily Copper Plated Inside and
Out, Clock Spring Steel Bot-
tom, Large Mouth.

Per Dozen
No. 600A—Capacity 11 Oz., 3
inch Diameter, $3\frac{1}{2}$ inches
High, 5 inch Straight Spout,
 $1\frac{1}{4}$ inch Opening \$3.80
No. 600AB—Bent Spout, Other-
wise Same as No. 600A 3.80
Weight Per Dozen $4\frac{1}{2}$ Pounds.
One Dozen in a Box.

STEEL OILERS

Copper Plated Inside and Outside, Clock Spring Bottom, Large Mouth.
Straight Spout.

Nos.	12	13	13A	14A	14AA	15	15A
Capacity	3 oz.	5 oz.	5 oz.	½ pt.	½ pt.	1 pt.	1 pt.
Diameter, Inches	2 ¾	3 ¾	3 ¾	3 ¾	3 ¾	4 ¼	4 ¼
Length of Spout, Inches	3	3	5	3	5	3	5
Wt. Per Dozen, Lbs.	2 ½	3 ½	3 ½	4	4	5 ¼	5 ¼
Per Dozen	\$2.00	2.30	2.50	3.10	3.30	3.90	4.10

Bent Spout.

Nos.	14	14B	16
Capacity	5 oz.	½ pt.	1 pt.
Diameter, Inches	3 ¾	3 ¾	4 ¼
Length of Spout, Inches	9	9	9
Weight Per Dozen, Lbs.	3 ¾	4 ¼	5 ½
Per Dozen	\$2.80	3.70	4.60

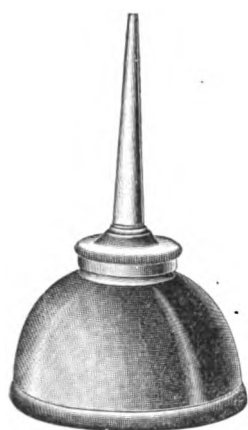
No. 12, One Dozen; Nos. 13 to 16, One-half Dozen in a Box.

EXTRA SPOUTS FOR STEEL OILERS

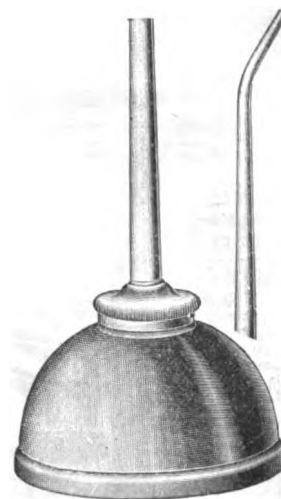
Coppered Steel, Large Mouth, Interchangeable, for Nos. 12 to 16 Oilers.

Nos.	Straight	Straight	Bent
	012	013	014
Length, Inches	3	5	9
Weight Per Dozen, Lbs.	1	1 ¼	1 ½
Per Dozen	\$2.75	4.25	3.25

Open Stock.

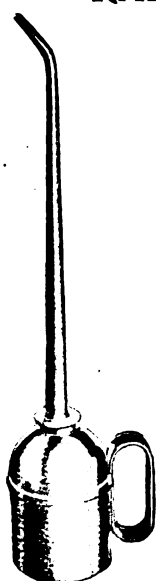


Nos. 12 to 15A.

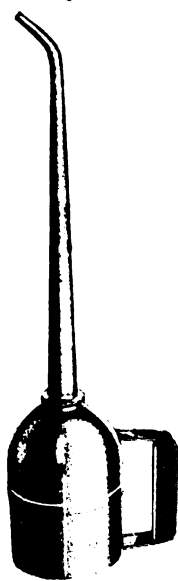


Nos. 14 to 16.

RAILROAD OILERS



Nos. 10 and 11.



No. 111.

Steel, Heavily Copper Plated, Wide Mouth.

Nos.	10	11
Capacity, Pints	1	2
Diameter, Inches	3 ¾	4 ¼
Height, Inches	5	6
Length of Spout, Inches	12	18
Weight Per Dozen, Lbs.	9	12
Per Dozen	\$14.00	18.00

These Oilers have seamless drawn bodies, are indestructible and are used by the leading railroads of the country.

"Improved Standard," Steel Copper Plated.

No. 111—Capacity 2 Quarts, 5 inch Diameter, 8 inches High, 14 inch Nozzle, Weight Per Dozen 21 ½ Lbs. \$20.00
The body is made of two heavy steel seamless drawn parts, with large nozzle, 1 ½ inch at base.

The spouts of Nos. 10, 11 and 111 have a union connection where spout joins body of oiler, enabling it to be placed in any position for delivering oil.

One-half Dozen in a Box.



No. 210.

PUMP OILERS

MAPLE CITY

Tin, Union Spout.

Nos.	350	351	353	355
Cap. Pints	½	1	1 ½	2
Diam., Inches	3	3	4	4
Spout, Inches	6	8	14	16
Wt. Dozen, Lbs.	6	7 ¼	11	12
Per Dozen	\$10.50	12.50	14.70	16.50

The quantity of oil used is entirely controlled by the operator, who may deliver a drop or a spoonful at one stroke of the plunger, the oil wasted being reduced to a minimum.

One-half Dozen in a Box.



Nos. 350 to 355.

MACHINE OILERS



Nos. 31 and 41.



Nos. 120 and 125.

Nos.	IXXX Tin, Bossed Handle.	Per Dozen
No. 31—Capacity 1 Quart, 4 ¾ x 7 inches, 12 inch Straight Spout		\$8.70
No. 41—Capacity 1 Quart, 4 ¾ x 7 inches, 12 inch Bent Spout		8.70
	Weight Per Dozen 13 Pounds.	
Nos.	Galvanized, Bossed Handle.	Per Dozen
No. 120—Capacity 1 Quart, 4 ¾ x 7 inches, 12 inch Straight Spout		\$6.50
No. 120B—Capacity 1 Quart, 4 ¾ x 7 inches, 12 inch Bent Spout		6.50
	Weight Per Dozen 14 Pounds.	
	Open Stock.	

ENGINEERS' FILLERS

Seamless Drawn One Piece Cold Rolled Steel, Heavily Copper Plated Inside and Outside.

No. 210—Capacity 1 Quart, 5 inch Diameter, 5 inches High, Screw Top.....\$16.80
Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

COBBLER SETS

COMBINATION



No. 712—Consists of 36 Articles, as Enumerated Below, a Complete Outfit of Tools for General Shoe, Harness, Belt and Tinware Repairing, in a Neat Box\$19.00

CONTENTS

1 10 inch Men's Last.
1 8 inch Boys' Last.
1 6 inch Women's Last.
1 5 inch Child's Last.
1 12 inch Reversible Iron Stand.
1 Shoe Hammer
1 Shoe Knife.
1 Peg Awl Haft.
1 Peg Awl.
1 Sewing Awl Haft.
1 Sewing Awl.
1 Paper 4-8 Clinch Nails.
1 Paper 5-8 Clinch Nails.
1 Paper Heel Nails.

4 Pairs Heel Plates.
1 Bottle Leather Cement.
1 Bottle Rubber Cement.
6 Harness Needles.
1 Ball Shoe Thread.
1 Ball Shoe Wax.
1 Harness and Saw Clamp.
1 Box Slotted Rivets.
1 Harness and Belt Punch.
1 Soldering Copper.
1 Bar Solder.
1 Box Resin.
1 Piece Tin.
Directions for Using.

Weight Per Dozen Sets 140 Pounds.

One Set in a Wooden Box.

ECONOMICAL MAN'S



No. 512—Consists of 13 Articles as Enumerated Below, a Complete Outfit for Boot and Shoe Repairing in a Neat Box\$8.00

CONTENTS

1 10 inch Men's Last.
1 8 inch Boys' Last.
1 6 inch Women's Last.
1 12 inch Reversible Iron Stand.
1 Shoe Hammer.
1 Shoe Knife.
1 Peg Awl Haft.
1 Peg Awl.
1 Sewing Awl Haft.
1 Sewing Awl.
1 Paper Clinch Nails.
1 Paper Heel Nails.

Directions for Halfsoling.

Weight Per Dozen Sets 100 Pounds.

One Set in a Wooden Box.

FAMILY FRIEND



No. 612—Consists of 31 Articles as Enumerated Below, a Complete Outfit for Boot and Shoe Repairing, in a Neat Box\$17.00

CONTENTS

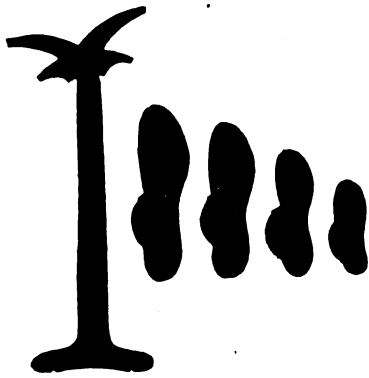
1 10 inch Men's Last.
1 8 inch Boys' Last.
1 6 inch Women's Last.
1 12 inch Reversible Iron Last.
1 Pair Men's Halfsoles.
1 Pair Boys' Halfsoles.
1 Pair Women's Halfsoles.
1 Shoe Hammer.
1 Shoe Knife.
1 Peg Awl Haft.
1 Peg Awl.
1 Sewing Awl Haft.
1 Sewing Awl.
1 Paper 4-8 Clinch Nails.
1 Paper 5-8 Clinch Nails.
1 Paper Heel Nails.
4 Pairs Heel Plates.
1 Tube Leather Cement.
1 Tube Rubber Cement.
6 Harness Needles.
1 Ball Shoe Thread.
1 Ball Shoe Wax.

Directions for Halfsoling.

Weight Per Dozen Sets 120 Pounds.

One Set in a Wooden Box.

SHOE LASTS AND STANDS



Malleable Iron, Japanned, Broad Toes, Reversible.
Three Last.

	Per Dozen
No. 1LS—15 inches High, One Each, B, 9x3 inches; C, 7x2 1/2 inches; D, 6x2 inches Lasts; Weight Per Dozen 155 Lbs.	\$11.00
No. 1S—Stand Only, without Lasts.	5.00
No. 11—24 inches High, Otherwise Same as No. 1, Weight Per Dozen 186 Lbs.	15.00
No. 11S—Stand Only, without Lasts.	10.00

Four Last.

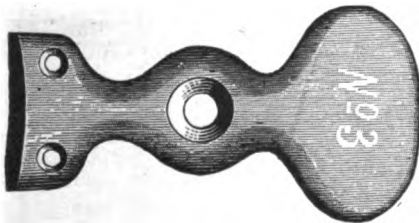
	Per Dozen
No. 2LS—15 inches High, One Each, A, 10x3 3/4 inches; B, 9x3 inches; C, 7x2 1/2 inches; D, 6x2 inches Lasts, Weight Per Dozen 165 Lbs.	\$14.00
No. 2S—Stand Only, without Lasts.	5.00
No. 22—24 inches High, Otherwise Same as No. 2, Weight Per Dozen 226 Lbs.	17.00
No. 22S—Stand Only, without Lasts.	10.00
Open Stock.	

EXTRA LASTS, FOR Nos. 2 AND 22 SETS

Nos.	AA	A	B	C	D
Inches	10 1/2 x 3 1/2	10 x 3 3/4	9 x 3	7 x 2 1/2	6 x 2
Per Dozen	\$6.00	3.50	3.30	2.00	1.50
Open Stock.					

HEEL STIFFENERS

LYONS



Malleable Iron, Japanned.

Nos.	1	2	3	4	5	6
For Heels, Inches.	1	1 to 1 1/4	1 1/4	1 3/4	1 1/2	1 3/4
Per Dozen Pairs	\$2.00	2.00	2.00	2.00	2.00	2.00

Per Dozen Pairs

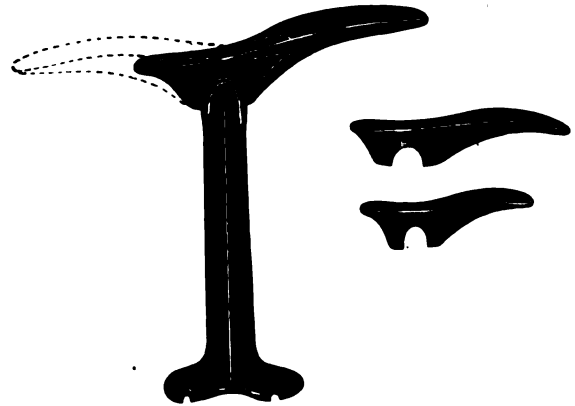
Assorted—Nos. 2 to 6 Inclusive, Weight Per Dozen Pairs
1 Lb. \$2.00
One Dozen Pairs in a Box, with Nails and Screws.

HEEL PLATES

STAR

Steel, Three Prong, to Drive.

Nos.	1H	2H	3H	4H	5H
Size, in.	1 1/2	1 3/4	1 3/4	1 3/4	2
Gross Prs.	\$1.25	1.50	2.00	2.50	3.50
One-quarter Gross Pairs in a Box.					



Gray Iron, Japanned, Reversible.
Three Last.

	Per Dozen
No. 10—12 inches High, One Each No. 2, 8 3/4 x 2 3/4 inches; No. 3, 7 1/4 x 2 1/4 inches; No. 4, 5 1/2 x 1 3/4 inches Lasts; Weight Per Dozen 66 Lbs.	\$6.50

Four Last.

	Per Dozen
No. 20—12 inches High, One Each No. 1, 10x3 1/4 inches; No. 2, 8 3/4 x 2 3/4 inches; No. 3, 7 1/4 x 2 1/4 inches; No. 4, 5 1/2 x 1 3/4 inches Lasts, Weight Per Dozen 90 Lbs.	\$9.00
Open Stock.	

COMBINATION LASTS



Cast Iron, Black Baked Enamel.

	Per Dozen
No. 2L—Combination, 1 Large Last 6 1/2 x 3 1/4 inches, 1 Small Last 5x2 1/2 inches, Adjustable Heel Piece 2 1/2 x 2 inches	\$9.00
Weight Per Dozen 84 Pounds.	
Open Stock.	

SHOE PLATES

NATIONAL
Hardened Steel.

No. 10P—For Men's, Women's and Children's Shoes, Made in One Size Only... \$1.25
Soles and heels protected to very edge, making shoes retain their correct shape.
One Gross in a Box.

RUBBER HEELS



FEDERAL RUGGED

High Quality New Rubber, Special
Raised Tread Construction.

MEN'S HALF HEELS

For Shoes, Sizes.	5/6	6/7	7/8	8/9	9/10	10/11	11/12
Per Dozen Pairs.	\$5.50	5.50	5.50	5.50	5.50	5.50	5.50

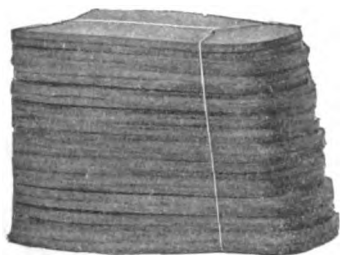
WOMEN'S CUBAN HEELS

For Shoes, Sizes.	1	2	3	4
Per Dozen Pairs.	\$4.50	4.50	4.50	4.50

One Pair in a Box, with Nails.

SHOE FINDINGS

HALF SOLES OR TAPS



Men's, Hemlock Tanned Leather, Assorted 9 to 12 B Quality.

Nos.	3 1/2 B	4B	4 1/2 B	5B	6B
Per Dozen Pairs.....	\$4.00	4.50	5.00	5.50	5.75

C Quality.

Nos.	3 1/2 C	4C	4 1/2 C	6C
Per Dozen Pairs.....	\$3.50	4.00	4.50	5.25

B Quality, for Felt Boots.

No. 5FB—Extra Large	Per Dozen Pairs	\$6.50
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C Quality, for Felt Boots.

No. 5FC—Extra Large	Per Dozen Pairs	\$6.00
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Boys', Hemlock Tanned, Assorted 4 to 7.

No. 4A—A Quality, 4 inches Thick.....	Per Dozen Pairs	\$4.25
No. 4B—B Quality, 4 inches Thick.....		3.50

Women's, Hemlock Tanned, Assorted 3 to 7.

No. 3 1/2 A—A Quality, 3 1/2 inches Thick.....	Per Dozen Pairs	\$3.50
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Note—The Number Indicates Thickness in Inches Per Dozen Pairs.

One Dozen Pairs in a Package.

HALF SOLES OR TAPS



Harrington's Wearproof.

No. 10—Assorted Sizes from 10 to 13	Per Dozen Pairs	\$4.50
No. 20—All Size 13.....		5.00

These Taps are treated with a special Wearproof Tanning, they are Water-proof and will remain so, and will wear twice as long as ordinary Sole Leather.

One Pair with a Package of Nails in a Carton; One Dozen Cartons in a Box.



Rubber Belt.

No. 30—All Large Size, for Rubber and Felt Boots.....	Per Dozen Pairs	\$3.00
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SOLE LEATHER CABINETS



Per Cabinet
Cabinet — Comprising Different Sizes and Grades of Hemlock and Oak Leather, Contains 72 Pairs Assorted Soles, 12 Pairs Heels and 12 to 15 Leather Strips, which Will Make 30 Pairs Soles, Retail Price Marked on Each Piece \$26.00

SOLE LEATHER STRIPS



Hemlock Tanned.

Per Pound
No. 20—6 1/2 inches Wide, Assorted Lengths and Thicknesses \$0.90

Adapted for all purposes when a good piece of odd size leather is needed, for men's women's boys' or children's work. About Fifteen Pounds in a Package.

Oak Tanned Strips.

Per Package
No. 30—6 1/2 inches Wide, Assorted Lengths and Thicknesses, About 8 Lbs. in a Package..... \$10.00

Per Pound
No. 35—8 1/4 inches Wide, Assorted Lengths and Thicknesses, 25 Lbs. in a Package..... \$1.25

No. B—6 1/2 inches Wide, Assorted Lengths and Thicknesses, 25 Lbs. in a Package..... 1.25

Note—We Will Break Nos. B and 35 Packages.

TOP LIFTS OR HEELS



Hemlock Tanned Leather.

B Quality.

No. 4 1/2—4 1/2 inches Thick.....	Per Dozen Pairs	\$1.50
No. 6 —6 inches Thick.....		2.00

One Dozen Pairs in a Package.

BLOCKS



Oak Tanned.

C Quality.

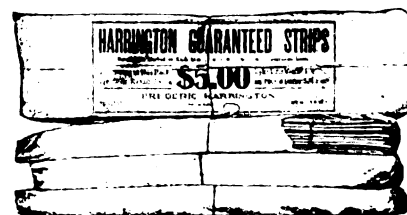
No. 04 1/2 C — 8 1/2 x 12 1/2 inch Blocks	Per Package	\$8.00
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Eight Pounds in a Package.

SOLE LEATHER STRIPS



TOTAL \$5.00



Harrington's Guaranteed. Retail Price Marked on Each Strip.

Per Package
No. 40 — Selected Stock, 6 1/2 inches Wide, Assorted Lengths \$7.50
This is the best selling and wearing value offered for shoe repairing.

SHOE THREADS

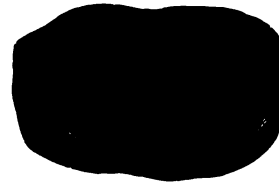


Barbour's, Best Irish Flax.

	Per Pound
No. 010HB—In 1 Oz. Balls.....	\$1.20
No. 10HB—In 2 Oz. Balls.....	1.20

One Pound in a Box.

WAX



Shoe and Harness Wax—In 1 Oz. Balls.....	Per 100 Balls \$2.00
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BRISTLES



Bristles—1 Ounce in a Bunch.....	Per Bunch \$1.50
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NEEDLES

GLOVERS'



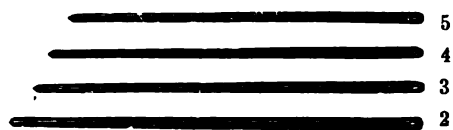
Cuts Full Size.

Diamond Drilled Eye.

Nos.	00	0	1	2
Per Paper	\$0.25	.25	.25	.25
Nos.	3	4	5	6
Per Paper	\$0.25	.25	.25	.25

Twenty-five in a Paper.

HARNESS



Cuts Full Size.

Diamond Drilled Eye.

Nos.	00	0	1	2
Per Paper	\$0.20	.20	.15	.15
Nos.		3	4	5
Per Paper		\$0.15	.15	.15

Twenty-five in a Paper.

PACKING



Full Size Cut of 4 inch.

Best Quality Steel, Polished, Bent.

Nos.	10	20	30	40	50	60	70
Length, Inches	3 1/2	4	4 1/2	5	5 1/2	6	7
Per Dozen	\$0.20	.24	.30	.34	.38	.40	.50

Three Dozen in a Package.

SPEYING



Full Size Cut of 3 inch.

Steel, Polished.

Nos.	02	03
Length, Inches	2 1/2	3
Per Dozen	\$0.20	.25

Twenty-five in a Paper.

SAIL



Full Size Cut of 2 3/4 inch.

Steel, Polished.

Nos.	4	5	6	7
Length, Inches	2 3/4	3	3 1/2	3 3/4
Per Dozen	\$0.25	.30	.35	.40

Twenty-five in a Paper.

CHALK LINES

WHITE COTTON



Twisted, in 20 foot Hanks.

	Per Gross
No. 4 —	\$2.80
No. 6 —	3.40
No. 7½ —	3.80
No. 9 —	4.25
No. 12 —	4.75

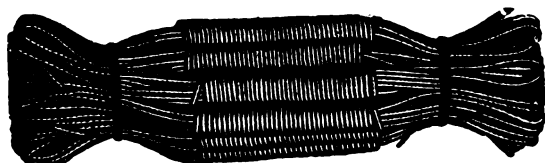
One-half Gross in a Box.



Twisted, in Balls.

	Per Dozen
No. 118 —	50 Foot Balls. \$1.00
No. 218 —	100 Foot Balls. 2.00

One Dozen in a Box.



Braided, in 20 foot Hanks.

	Per Gross
No. 1....	\$5.00
No. 2....	6.00
No. 8....	7.00

Twelve Connected, One-half Gross in a Box.

SILVER LAKE

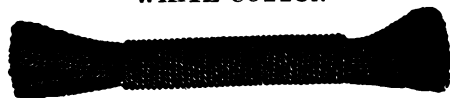
Braided Cotton, in 48 foot Hanks.

	Per Dozen Hanks
No. 08½ — ½ inch Diameter.....	\$2.00
No. 04 — ½ inch Diameter.....	2.50

One Dozen Hanks in a Box.

MASONS' LINES

WHITE COTTON



Braided, in 100 foot Hanks.

	Per Dozen Hanks
No. 112—White..	\$1.75
No. 100—Yellow..	2.00

Two Connected, One Dozen in a Box.

TWINES

COTTON WRAPPING



	Per Pound
No. 30—Extra Quality, 3 Ply, ¼ Lb. Balls.....	\$0.80
No. 40—Extra Quality, 4 Ply, ¼ Lb. Balls.....	.90

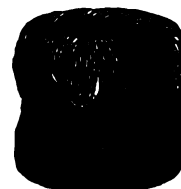
Five Pounds in a Sack.



	Per Pound
No. 14—Extra Quality, 4 Ply, 1½ to 3 Lb. Cones.....	\$0.90

In Bulk.

COTTON BAG



	Per Pound
No. 18—3 Ply, ½ inch Diameter, ¼ Lb. Balls.....	\$0.80

Five Pounds in a Sack.

COTTON STAGING



	Per Pound
No. 12C—3 Ply, ½ inch Diameter, 2 Oz. Balls.....	\$0.80

Five Pounds in a Sack.

INDIA HEMP

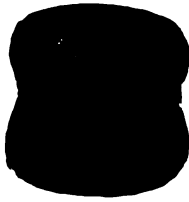


	Per Pound
No. 48½ — ¼ Lb. Balls.....	\$0.45
No. 48½ — ½ Lb. Balls.....	.45
No. 50 — 1 Lb. Balls.....	.45

Five Pounds in a Package.

TWINES

JUTE



No. 22—Jute Wool, 1 Lb. Balls..... Per Pound \$0.15

One Hundred Pounds in a Bale.

No. 32—Jute Wrapping (2 Ply), ½ Lb. Balls..... Per Pound \$0.25

Five Pounds in a Package; 125 Pounds in a Barrel.

FLAX



In Quarter Pound Balls.
Nos. 12BC 118BC
Per Pound \$0.50 .45

In Half Pound Balls.
Nos. 18BC 24BC 36BC 48BC
Per Pound \$0.45 .40 .40 .40

Three Pounds in a Package.

DIAMOND FLAX

No. 218—In ½ Lb. Balls..... Per Pound \$.....
No. 318—In ¼ Lb. Balls..... \$.....
Three Pounds in a Package.

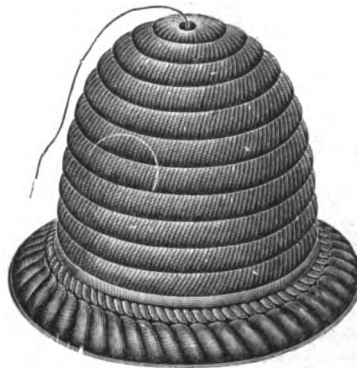
TWINE BOXES

HANGING



No. 8T — Cast Iron, Copper
Bronzed, Patent Catch,
Hinged, 5x3 ¾ inch Twine
Chamber \$3.10
Weight Per Dozen 11 Pounds.
One-half Dozen in a Box.

BEE HIVE



No. 31—Extra Heavy, Cast Iron,
Japanned, 4x4 ½ inch Twine
Chamber \$10.50
Weight Per Dozen 35 Pounds.
One-sixth Dozen in a Package.

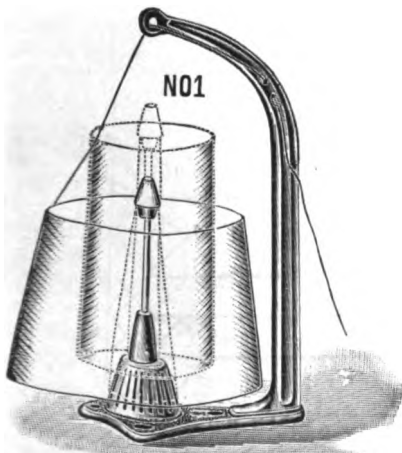
UPRIGHT BOX



No. 63 — Cast Iron, Coppered
Bronzed, on Stand, Espe-
cially for Large Balls of
Twine \$8.30
Weight Per Dozen 23 Pounds.
One-sixth Dozen in a Box.

TWINE HOLDERS

SENSIBLE



No. 1T—Cast Iron, Japanned, 10 ½
inch Arm, for No. 14 Cone
Wrapping Paper \$4.00
Weight Per Dozen 20 Pounds.
One-half Dozen in a Box.

WASTE PAPER BALERS



SAFETY

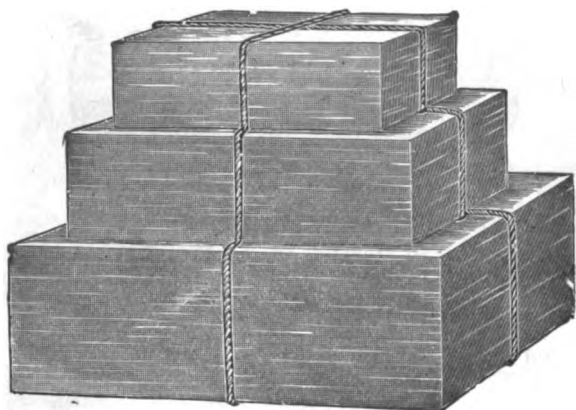
Nos.	1	2	3
Floor Space, Inches..	22x30	20x28	19x26
Size of Bale, Inches..	18x24	16x22	15x21
Height of Bale, Inches.	up to 36	up to 32	up to 27
Wt. Per Bale, Lbs....	120 to 160	100 to 125	75 to 90
Height Over All In...	52	44 ½	40
Weight Each, Lbs....	175	150	125
Each	\$40.00	\$36.00	\$30.00

The Safety Baler is equipped with a swing door and is securely fastened by two latches that work in unison, thus making it unnecessary to remove the door when bale is made. The plunger is merely pushed backward, making an exceptionally large feed opening.

It will save time, labor and floor space and provides a ready receptacle to take care of waste paper as fast as it accumulates.

WRAPPING PAPER

IN BUNDLES



Rag, in Bundles.

Size Open, Inches.....	13x18	16x22	18x26
Ave. Wt. Per Ream, Lbs.....	20	25	30
Per Pound	\$0.10	.10	.10
Size Open, Inches.....	22x32	26x36	
Ave. Wt. Per Ream, Lbs.....	40	50	
Per Pound	\$0.10	.10	

One Ream in a Bundle.

IN ROLLS

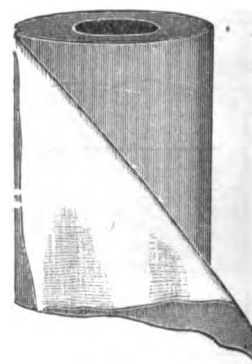


Norway Kraft.

Made from Imported Sulphite, Brown Color, Strongest and Lightest Paper for Hardware Use.

Width, Inches	12	15	18	20	24	30
No. 30—Light Per Pound,	\$0.25	.25	.25	.25	.25	.25
No. 50—Medium .. Per Pound, .....					.25	.25

TOILET PAPER

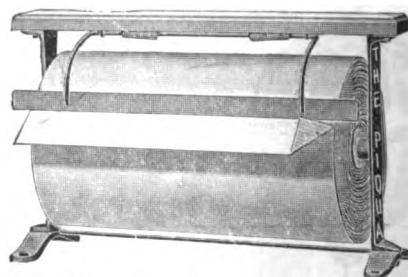


Perforated.

	Per Case	Per Dozen
No. 55—Soft and Strong, 4 1/2 inches Wide.	\$ 9.00	\$1.30
No. 60—Extra Quality, Soft and Strong, 4 1/2 inches Wide.....	17.00	2.25
Guaranteed 1000 Sheets in a Roll.		
One Hundred Rolls in a Case.		

ROLL PAPER HOLDERS

PIQUA



Japanned Frame, Hardwood Top, Nickel Plated Steel Cutter.

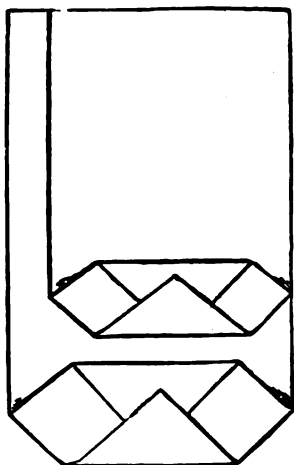
Inches	12	15	18	20	24
Each	\$2.00	2.00	2.00	2.00	2.00

This can be used single or built up in Pyramid, to make Double and Triple Holder.

One in a Box.

PAPER BAGS

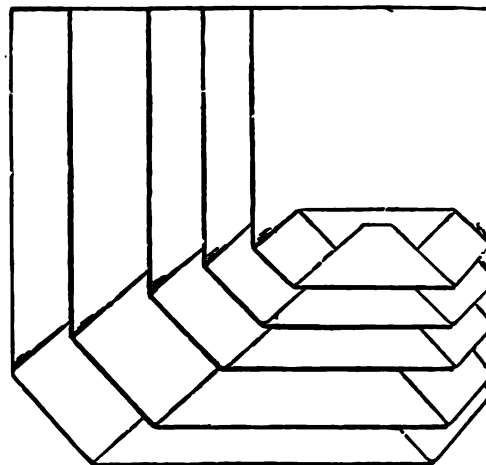
SHOT



Giant Kraft Paper.

Nos.	10	20	30
Capacity, Lbs.	1	2	3
Per 1000	\$3.50	4.75	6.50

NAIL.



Giant Kraft Paper.

Nos.	3N	5N	10N	20N
Capacity, Lbs.	3	5	10	20
Size, Inches	7x8	7 1/2 x9	9x10	14x16
Per 1000 Bags.....	\$9.00	11.00	16.50	28.00

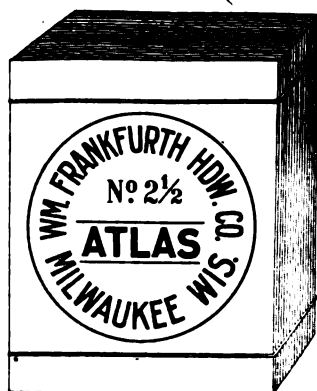
250 in a Package; We do not Break Packages.

SAMPLE OF
No. 30—Norway Kraft

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SAND AND EMERY PAPER



FLINT SAND PAPER

ATLAS BRAND

Best Quality, Sheets 9x11 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3
Weight Per Ream, Lbs.	15	17	19	21	26	33	44	52
Per Ream	\$7.00	7.00	7.00	7.50	8.00	8.50	9.00	10.50

One Quire in a Package; One-half Ream in a Bundle.

"B. A. & CO.'S" BRAND

Extra Quality, Sheets 9x11 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3
Weight Per Ream, Lbs.	15	17	19	21	26	33	44	52
Per Ream	\$7.00	7.00	7.00	7.50	8.00	8.50	9.00	10.50

One Quire in a Package; One-half Ream in a Bundle.

IMPERIAL BRAND

Sheets 8 3/4 x 10 1/2 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3	Assorted
Weight Per Ream, Lbs.	14	16	18	20	25	30	38	41	26
Per Ream	\$6.00	6.00	6.00	6.25	6.75	7.25	7.75	9.00	6.75

One Quire in a Package; One-half Ream in a Bundle.

EMERY PAPER

Best Quality, Sheets 9x11 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3
Weight Per Ream, Lbs.	21	22	29	36	42	44	48	52
Atlas Brand Per Ream,	\$12.50	12.50	12.50	13.75	15.00	16.75	18.50	22.75
"B. A. & Co.'s" Brand Per Ream,	12.50	12.50	12.50	13.75	15.00	16.75	18.50	22.75

One Quire in a Package; One-half Ream in a Bundle.

EMERY CLOTH

Best Quality, Sheets 9x11 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3
Comparative Nos. in Emery	F	120	90	80	70	60	54	46
Weight Per Ream, Lbs.	24	32	39	40	44	48	52	56
Atlas Brand Per Ream,	\$31.00	31.00	31.00	33.00	35.00	38.00	41.00	44.00
"B. A. & Co.'s" Brand Per Ream,	31.00	31.00	31.00	33.00	35.00	38.00	41.00	44.00

One Quire in a Package; One-quarter Ream in a Bundle.

GARNET PAPER

Best Quality, Sheets 9x11 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3
Weight Per Ream, Lbs.	14 1/2	17	22	25	32	40	46	50
"B. A. & Co.'s" Brand Per Ream,	\$7.00	7.00	7.00	7.50	8.25	9.00	10.00	11.00

One Quire in a Package; One-half Ream in a Bundle.

SAND PAPER IN ROLLS

B. A. & CO.'S BRAND

50 Yards in a Roll.

Nos.	1	1 1/2	2	2 1/2	3	3 1/2	4
Weight Per Roll, Lbs.	29	36	44	50	54	60	66
24 inches Wide Per Roll,	\$8.75	9.25	10.25	11.00	12.25	13.50	14.70

GLASS CUTTERS

RED DEVIL



- No. 5—Magazine Cutter, Polished Steel Head, Hand Honed Wheels, Six Extra Wheels in End of Handle, Round Ebony Handle.....\$5.00
Weight Per Dozen $\frac{3}{4}$ Pound.
One Dozen in a Box.

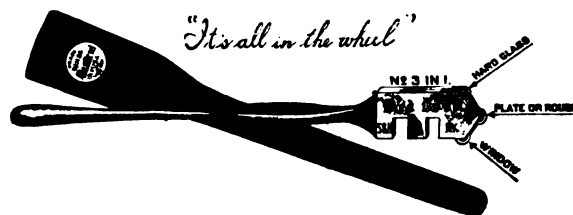
GOODELL TURRET HEAD



- No. 1—Polished and Nickel Plated Head, Turret Holder, Six Hardened and Ground Steel Cutters, Rosewood Finished Handle\$5.00

The Turret Holder with the Six Cutters may be revolved on or clamped to the frame by the screw at its center, the head of which appears on the reverse side of the tool from that shown in above cut.

Weight Per Dozen 1 Pound.
One Dozen in a Box.



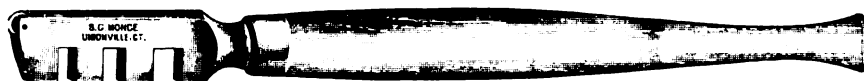
- No. 8 in 1—Cast Steel, Polished, Red Enameled Iron Handle, Three Hand Honed Wheels, One Each for Hard Glass, Plate or Rough Glass, and Window Glass, Each Cutter Packed in a Glove Kid Snap Button Case\$4.00
Weight Per Dozen 1 Pound.
One Dozen in a Box.

RED DEVIL



- No. 024—Polished Cast Steel Head, Red Enameled Iron Handle, Hand Honed Wheel.....\$1.50
Weight Per Dozen $\frac{3}{4}$ Pound.
One Dozen in a Box.

XXX



- No. XXX—Polished Steel Frame, Patent Carbonized Wheel, Rosewood Handle\$1.50
Weight Per Dozen $\frac{3}{4}$ Pound.
One Dozen in a Box.

WOODWARD'S



- No. 0—Combined Glass Cutter and Putty Knife.....\$1.20
Weight Per Dozen 1 Pound.
One Dozen in a Box.

COMBINATION



- No. 45—Combination Glass Cutter, Knife and Scissors Sharpener, Cork Screw, Ice Pick, Etc.....\$1.20
Weight Per Dozen 1 $\frac{1}{2}$ Pounds.
One Dozen in a Box.

AMERICAN WINDOW GLASS

Per Box of 50 Square Feet.

Price List Adopted March 1st, 1913.

United, Inches	Sizes	SINGLE STRENGTH		DOUBLE STRENGTH	
		AA	A	AA	A
25	6x8 to 10x15 inches.....	\$35.00	\$30.00	\$46.00	\$40.50
34	11x14, 12x13 to 14x20 inches.....	36.50	31.00	50.00	44.50
40	10x26 to 16x24 inches.....	39.00	33.00	55.00	48.50
50	18x22, 20x20 to 20x30 inches.....	42.50	37.00	61.00	54.50
54	15x36 to 24x30 inches.....	40.00	38.00	62.50	56.00
60	26x28 to 24x36 inches.....	45.00	40.00	64.00	57.00
70	26x34, 28x32, 30x30 to 30x40 inches.....	48.00	43.50	68.00	61.00
80	32x38, 34x36 to 30x50 inches.....	54.00	49.50	73.00	66.50
84	30x52 to 30x54 inches.....	57.00	52.50	74.50	68.00
90	30x56 to 34x56 inches.....	.....	.....	78.50	72.00
94	34x58 to 34x60 inches.....	.....	.....	80.00	73.00
100	36x60 to 40x60 inches.....	.....	.....	93.00	85.00

An additional 10 per cent will be charged for all glass more than 40 inches wide. All sizes over 52 inches in length, and not making more than 81 united inches, will be charged in the 84 united inches bracket.

We will send upon application a booklet giving list per box on each size and single lights.

STEEL WOOL



For Rubbing and Polishing, in Place of Sand Paper.

Nos.	0	1	2	3
Equal to Sand Paper..	00	1	½ or 1	1 ½ or 2
Per Pound	\$0.75	.60	.55	.50

Per Dozen Packages

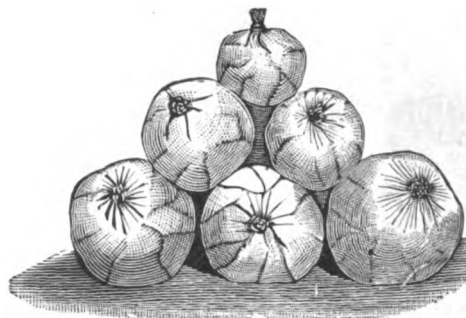
Steel Wool—Family Size.....\$2.00

Steel Wool does not scratch, clog or gum up, adapts itself to all shapes and reaches every spot and crevice. It does the work in ½ the time.

Steel Wool is a mass of fine fibres of steel, resembling curled hair, which, while sharp, does not scratch, but will cut as smoothly as the finest abrasive material heretofore used. It is the best article for rubbing varnish, shellac, etc.

One Pound in a Package.

PUTTY



In Bladders.

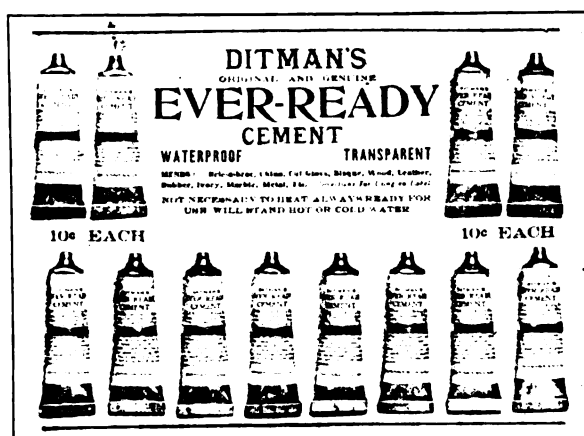
Putty—Extra Quality, in Bladders.....\$0.05
About 350 Pounds in a Barrel.

In Cans.

Size of Cans, Pounds.....	1	2	25	50
Per Pound	\$0.08	.09	.06	.06

CEMENT

DITMAN'S EVER-READY



Per Dozen

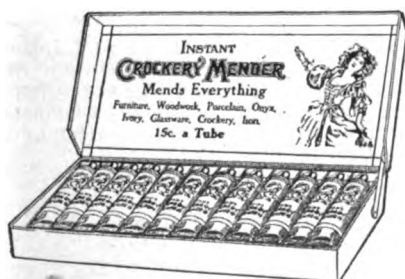
Ditman's Ever-Ready—In ¾x3 inch Tubes.....\$2.00

Always ready for use, transparent, colorless, will match any color, heat and fireproof, can be used for lamp globes and chimneys, mends everything, glass, china, metal, wood, rubber, marble, ivory, leather, etc., in self-sealing collapsible tube, easy to apply, no brush or stick required.

One Dozen Tubes on a Display Card.

CROCKERY MENDER

INSTANT



Per Dozen

Instant Crockery Mender—In 1 Oz. Collapsible Tubes..\$2.00

Will cement furniture, woodwork, porcelain, onyx, ivory, glassware, crockery, leather, even iron. Crockery or glassware mended with Instant Crockery Mender will never break in the same place.

One Dozen Tubes in a Display Box.

VAN CLEEF'S



Per Dozen

Dutch Brand—In 2 Oz. Bottles.....\$1.75
For mending wood, rubber, leather, etc.
One Dozen on a Display Stand.

FIX-ALL

Per Dozen

Fix-All—In Paper Cartons, Water
and Fire Proof\$1.75

For mending enameled ware, iron pots and pans, crockery, glass, marble, automobile reservoirs, etc. Fix-All is used in place of solder.

One Dozen in a Box.



MUCILAGE

LE PAGE'S



Gold Medal.

Per Dozen

No. 12—In 2 Oz. Cone Bottles, with Cap and Brush....\$0.90
One Dozen in a Box.

LIQUID GLUE

LE PAGE'S



Nos. 25 and 26.



Nos. 29 and 30.

Family Size.

	Per Dozen
No. 25—10 Cent Bottles with Patent Cap and Spreader, Weight Per Dozen 3 Lbs.....	\$1.06
No. 26—15 Cent Bottles, with Patent Cap and Spreader, Weight Per Dozen 5 Lbs.....	1.65
No. 29—½ Gill Can, with Friction Top Cans, Weight Per Dozen 3 Lbs.....	1.80
No. 30—1 Gill Cans, with Friction Top Cans, Weight Per Dozen 6 Lbs.....	2.80

One Dozen in a Box.



Nos. 31 to 35.

Mechanic's Size.

	Per Dozen
No. 31—½ Pint Cans, Weight Per Dozen 10 ½ Lbs....	\$ 4.50
No. 32—1 Pint Cans, Weight Per Dozen 19 Lbs....	7.00
No. 33—1 Quart Cans, Weight Per Dozen 38 Lbs....	11.25
No. 34—½ Gallon Cans, Weight Per Dozen 70 Lbs....	21.00
No. 35—1 Gallon Cans, Weight Per Dozen 146 Lbs....	40.00
No. 36—5 Gallon Cans, Box, Weight Each 57 Lbs....	Per Can \$16.00
No. 31, Two Dozen; Nos. 32 and 33, One Dozen; Nos. 34 and 35, One-half Dozen in a Box.	



	Per Dozen
No. 27—In 10 Cent Patent Self-Sealing Collapsible Tubes, with Patent Pin.....	\$1.06
Weight Per Dozen 1 ½ Pounds.	
One in a Carton; One Dozen in a Fancy Display Box.	

DISPLAY STANDS



This Patent Safety Display Stand furnished free with each 3-Dozen Order of No. 1 1-Oz. Bottles of Le Page's Glue. Made of oak, handsomely finished and varnished.

LE PAGE'S SPECIAL GLUE DEAL



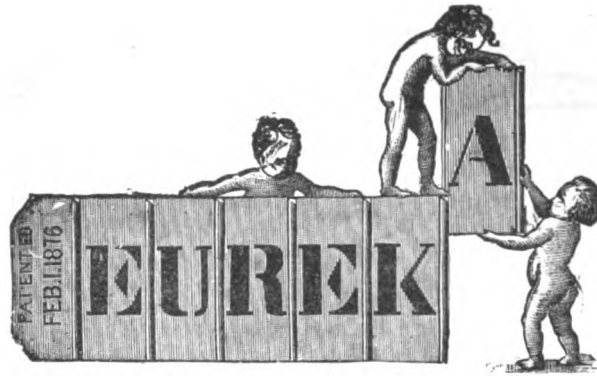
Cut Shows One Dozen Tubes of Le Page's China Cement Given Free.

	Per Deal
Special Glue Deal—With Each Order of 2 Dozen No. 25 Le Page's Glue in Bottles and 2 Dozen No. 27 Le Page's Glue in Tubes, Free 1 Dozen Le Page's China Cement in Tubes, 1 China Cement Display Card, 50 China Cement inserts or Counter Handouts and 1 Le Page's Glue Display Card.....	\$6.50
One Deal in a Box.	

SHEET GLUE

	Per Pound
No. 5—Common, Amber Color, for Box Makers and Paper Hangers	\$0.35
No. 0—Broken, Brown Color, for Calcimine.....	.30
No. 15—Broken, White Color, for Calcimine.....	.40
No. 10—Broken, Strong, Light Color, for Pattern Makers.....	.30
No. 010—Ground, for Calcimining.....	.35

STENCIL LETTERS AND FIGURES



Brass, Adjustable, 2A Fonts, 70 Pieces, 55 Letters and 15 Figures, in Boxes, with Ink and Brush.

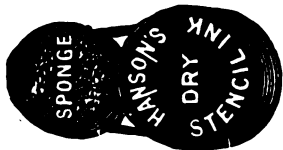
Beaded Lock.

Nos.	6	7	8
Size, Inches	$\frac{3}{4}$	1	$1\frac{1}{2}$
Weight Per Font, Oz.	12	14	16
Per Font	\$2.20	2.45	3.00

LETTERS AND FIGURES IN BULK

Beaded Lock.

Size, Inches	$\frac{3}{4}$	1	$1\frac{1}{2}$
No. 75—Per 100	\$3.25	4.00	4.50

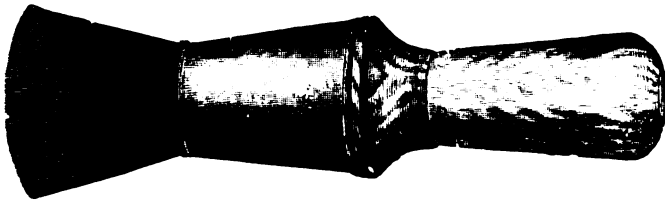


STENCIL INK

No. 1—Dry, in Tin Box, with Sponge.....

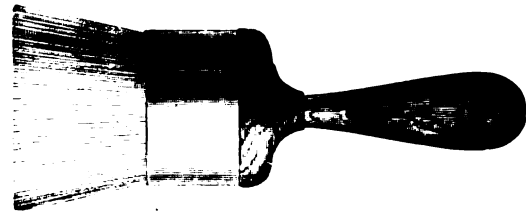
Per Dozen
\$4.00

STENCIL BRUSHES



No. 4—Gray Bristles, $\frac{3}{4}$ inch Diameter, Tin Ferrule, Black Enameled Handle.....\$2.50
One Dozen in a Box.

Per Dozen

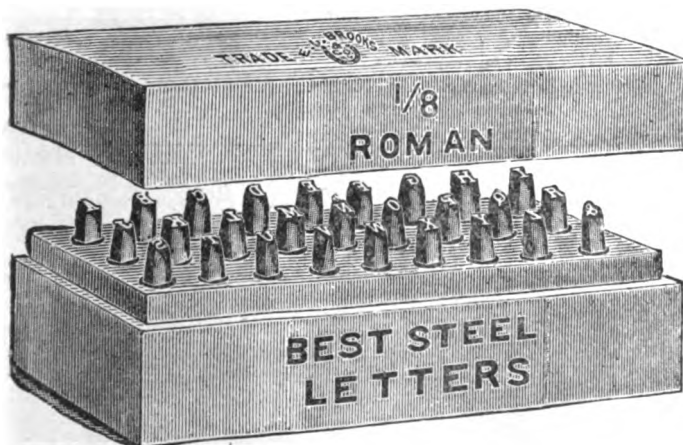


No. 8—All White Bristle, $1\frac{1}{4}$ inch Diameter, Extra Heavy, Hardwood Handle.....\$4.50
One Dozen in a Box.

Per Dozen

STEEL LETTERS AND FIGURES

LETTERS



For Stamping Metal,
Wood or Leather.
Machine Forged from
Best Tool Steel;
Tempered,
Natural Finish.

FIGURES



Size, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Wt. Per Set, Lbs.	$1\frac{1}{8}$	$2\frac{1}{4}$	$3\frac{1}{4}$	5	$6\frac{1}{4}$	8
Per Set of 28.....	\$2.70	3.75	4.50	5.75	7.50	13.50
Single Each, .....	.15	.18	.20	.25	.35	.50

A Set of Letters consists of 28, the complete alphabet, with a period and character "&" in addition.
One Set in a Wooden Box.

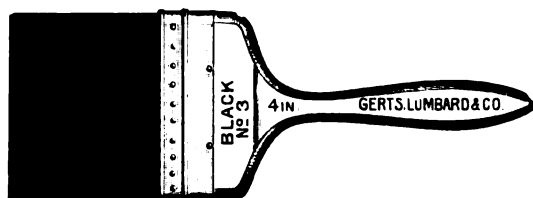
Size, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Wt. Per Set, Lbs.	$\frac{5}{8}$	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{1}{8}$	3
Per Set of 9.....	\$0.90	1.25	1.50	1.75	2.50	4.50
Single Each, .....	.15	.18	.20	.25	.35	.50

A Set of Figures consists of Numbers, i. e., 1, 2, 3, 4, 5, 6, 7, 8 and 0, No. 6 being used for Figure 9 by simply reversing.
One Set in a Round Wood Box.

BRUSHES

WALL PAINT

BLACK

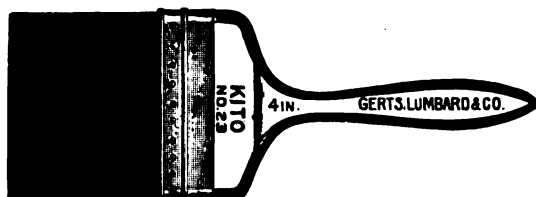


All Black Chinese Bristles, Metal Bound, Red Stained Handle.

Nos.	0B	1B	2B	3B	4B
Width, Inches	2 1/2	3	3 1/2	4	4 1/2
Length of Stock, In.	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8
Wt. Per Dozen, Lbs.	2	3	3 3/4	4	4 1/2
Per Dozen	\$3.50	4.00	4.50	5.25	6.00

One-half Dozen in a Box.

KITO

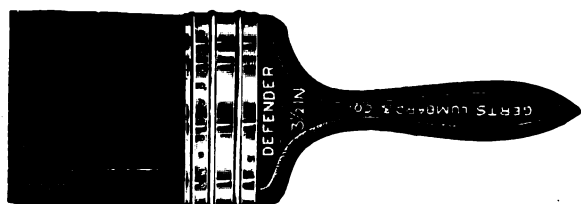


All Black Chinese Bristles, Metal Bound, Yellow Varnished Handle.

Nos.	20	21	22	23	24
Width, Inches	2 1/2	3	3 1/2	4	4 1/2
Length of Stock, Inches	2 3/8	2 1/2	2 3/4	3	3 1/8
Weight Per Dozen, Lbs.	2	3 3/4	4 1/8	5	6
Per Dozen	\$4.20	4.75	6.00	7.75	9.00

One-half Dozen in a Box.

DEFENDER



Black Chinese Good Length Bristle, Brass Bound, Nickeled, a Good Light Cheap Brush.

Nos.	2 1/2 D	3D	3 1/2 D	4D	4 1/2 D
Width, Inches	2 1/2	3	3 1/2	4	4 1/2
Length of Stock, In.	2 1/2	2 3/4	3	3 1/4	3 1/2
Wt. Per Dozen, Lbs.	3 3/4	4	4 1/4	6	7
Per Dozen	\$5.50	6.50	9.50	10.00	13.25

One-half Dozen in a Box.

STEEL CLAD



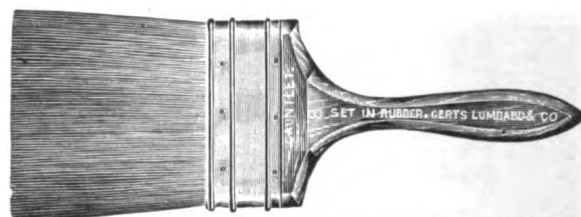
Fine Black Chinese Bristles, Steel Bound, Red Stained Handles.

No. 14—4 inches Wide, Length of Stock 3 1/2 inches. . . \$16.00

Weight Per Dozen 8 Pounds.

One-twelfth Dozen in a Box.

GAUNTLET



Extra Select Black Chinese Bristle, Set in Vulcanized Rubber, Brass Bound, Nickeled, Imitation Rosewood Handle.

Nos.	0	1	2	3	4
Width, Inches	2 1/2	3	3 1/2	4	4 1/2
Length of Stock, In.	2 1/2	2 3/4	3	3 1/4	3 1/2
Wt. Per Dozen, Lbs.	2 1/4	3 3/4	4 1/2	5	6
Per Dozen	\$7.00	8.50	10.75	13.00	16.00

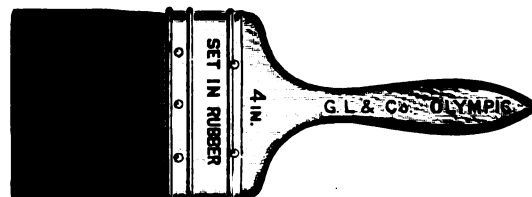
GAUNTLET LONG STOCK

Nos.	7	8
Width, Inches	3 1/2	4
Length of Stock, Inches	3 3/4	4 1/8
Weight Per Dozen, Lbs.	5	6
Per Dozen	\$19.00	24.00

This is by far the most popular Wall Brush on the market. The short lengths make a very desirable family brush, the long sizes very desirable for painters' use. This brush is an exceptionally good seller.

One-half Dozen in a Box.

OLYMPIC

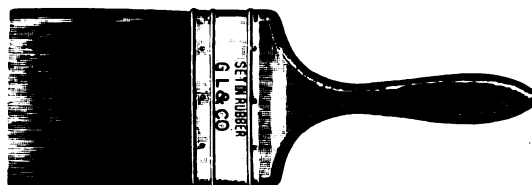


Black China Bristles, Set in Rubber, Metal Bound, Yellow Varnished Handle, a Good Family Brush.

Olympic—3 1/2 inches Wide, Length of Stock 2 7/8 inches . . . \$10.00

Weight Per Dozen 7 Pounds.
One-twelfth Dozen in a Box.

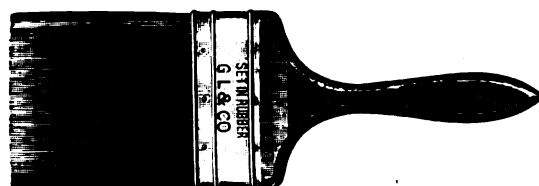
DEMAND



All Chinese Bristles, Set in Rubber, Metal Bound, Varnished Yellow Handle.

No. 75—3 1/2 inches Wide, Length of Stock 3 1/2 inches. . . \$13.00
Weight Per Dozen 7 1/2 Pounds.
One-twelfth Dozen in a Box.

OUR NEW SPECIAL DOLLAR TEN



Brass Bound, Nickeled, Strictly Pure Black Chinese Bristle, Set in Vulcanized Rubber, Our Best Value.

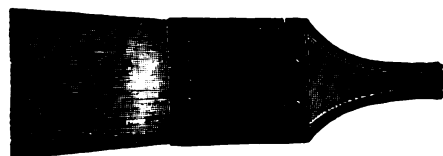
Our New Special Dollar Ten—4 inches Wide, Length of Stock 4 inches. . . \$19.00

Weight Per Dozen 8 Pounds.
One-twelfth Dozen in a Box.

BRUSHES

FLAT VARNISH

THIN



White Bristles, Tin Bound.

Nos.	1	1½	2
Width, Inches	1	1½	2
Length of Stock, Inches.....	1½	1¾	1¾
Weight Per Dozen, Lbs.....	¾	1¼	2
Per Dozen	\$1.00	1.50	2.00

One Dozen in a Box.

BLACK CINCH

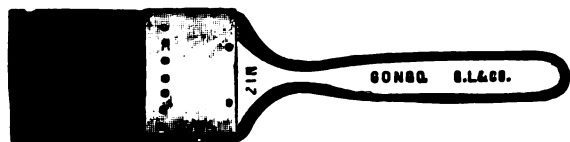


Black Chinese Bristles, Chisel Point, Metal Bound, Yellow Handle.

Nos.	1B	1½B	2B	2½B
Width, Inches	1	1½	2	2½
Length of Stock, Inches.....	1¾	1¾	1¾	1¾
Weight Per Dozen, Lbs..	1	1¼	1¾	2½
Per Dozen	\$1.00	1.45	1.80	2.40

One Dozen in a Box.

CONGO



Black Chinese Bristles, Chisel Point, Double Thick, Metal Bound, Yellow Handle.

Nos.	1C	1½C	2C	2½C
Width, Inches	1	1½	2	2½
Length of Stock, Inches.....	1¾	1¾	2	2½
Weight Per Dozen, Lbs..	1	1¾	2	3
Per Dozen	\$1.45	2.00	2.75	3.75

One Dozen in a Box.

BLACK SHARK



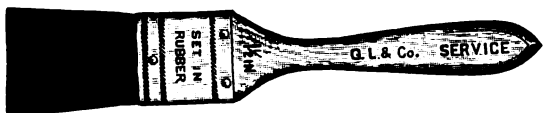
Nickel Bound, Set in Rubber Cement, Black Chinese Bristles, Imitation Rosewood Finish Handle.

Nos.	1BS	1½BS	2BS	2½BS	3BS
Width, Inches	1	1½	2	2½	3
Length of Stock, Inches.....	1¾	2	2	2	2½
Weight Per Dozen, Lbs..	1	1½	2	2½	3
Per Dozen	\$2.25	3.10	4.00	5.00	7.50

Each Brush Packed in an Envelope.

One Dozen in a Box.

SERVICE



Black Chinese Bristle, Chiseled Edge, Set in Rubber, Metal Bound, Yellow Varnished Handle.

Nos.	1S	1½S	2S	2½S
Width, Inches	1	1½	2	2½
Length of Stock, Inches.....	1	1¾	2	3
Weight Per Dozen, Lbs..	1	1¾	2	3
Per Dozen	\$2.20	3.30	4.30	5.80

One Dozen in a Package.

XX CHINESE

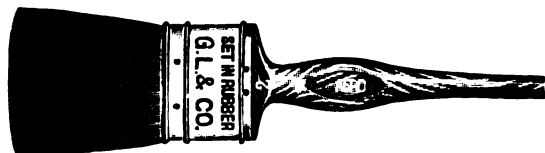


Fine Selected Black Chinese Bristles, Chisel Point, Double Thick, Set in Rubber, Nickeled Band, Bright Yellow Handle.

Nos.	1XX	1½XX	2XX	2½XX
Width, Inches	1	1½	2	2½
Weight Per Dozen, Lbs..	¾	1¼	1½	2¼
Per Dozen	\$3.25	5.25	6.80	9.00

One Dozen in a Box.

AERO



Very Heavy Extra Fine Quality Chinese Bristles, Very Thick, Chisel Point, Metal Bound, Set in Vulcanized Rubber.

Nos.	1A	1½A	2A	2½A	3A
Width, Inches	1	1½	2	2½	3
Length of Stock, In...	2	2½	2½	2½	3
Wt. Per Dozen, Lbs...	¾	1¼	1½	2¼	3
Per Dozen	\$6.40	8.80	12.20	16.60	21.00

One Dozen in a Box.

IN ASSORTMENTS

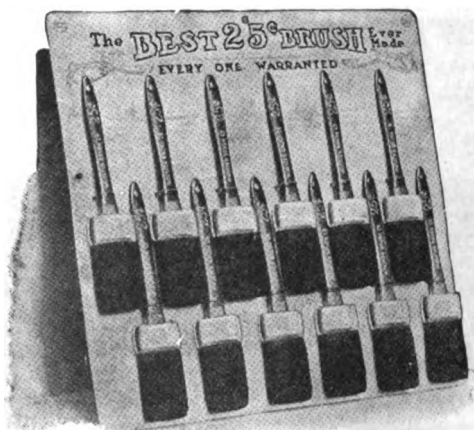


Per Assortment

The 4 Winners Assortment—Consists of One Dozen Each 1 inch, 1½ inch, 2 inch and 2½ inch Flat Varnish Brushes, in Partition Wooden Display Box

\$8.00

Weight Per Assortment 6 Pounds.



Per Assortment

Best Assortment—Consists of 12 Oval Chisel Black Chinese Bristle Brushes, 1¾ inches Wide, ¾ inch Thick, 2½ inch Bristles, Put up on 14x15 inch Easel Display Card

\$4.50

Weight Per Assortment 2½ Pounds.

BRUSHES

MARKING



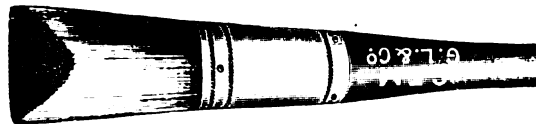
Common Bristles, Marking, White Bristles, Tin Ferrule, Round Cedar Handle.
 Nos 1 to 6—Assorted.....\$0.60
 Weight Per Dozen ¼ Pound.
 One Dozen in a Package.

MARKING



Ox-Hair Bristles, Tin Ferrule, Round Cedar Handle.
 Nos. 1H to 6H—Assorted.....\$1.70
 Weight Per Dozen ¼ Pound.
 One Dozen in a Package.

BLACK GEM SASH



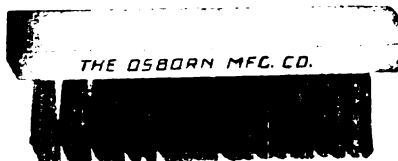
Selected Black Chinese Bristles, Very Elastic, Flat Oval Chiseled, Tin Ferrule, Round Red Finish Handle.

Nos.	2B	4B	6B
Length of Stock, Inches.....	1½	1½	2
Weight Per Dozen, Lbs.....	1¼	1¼	2¼
Per Dozen	\$2.20	3.00	3.80

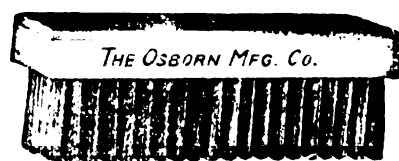
One Dozen in a Box.

WIRE SCRATCH

PAINTERS' HAND



No. 177—7½x2½ inch Solid Block, Extra Heavy, 1½ inch Round Tempered Steel Wires, 5x11 Rows.....\$9.00
 Weight Per Dozen 15 Pounds.



No. 1771—7¼x2¼ inch Block, 1½ inch Tempered Steel Wires, 6x19 Rows.....\$6.50
 Weight Per Dozen 8 Pounds.

Especially suitable for cleaning metal surfaces of all kinds; also used extensively for cleaning exterior work of stone, brick, terra-cotta and rough painted surfaces.

One Dozen in a Box.

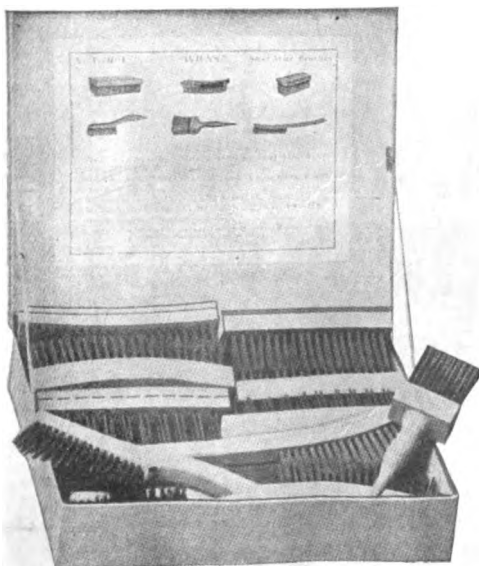
BRAZIERS' CURVED HANDLE



No. 188—Heavy, 1½ inch Fine Round Steel Wires, 3 Rows, Solid Block and Handle.....\$4.80
 Adapted for architectural iron work, figured brass and finished castings. Extensively used for pattern and braziers' work.

Weight Per Dozen 4 Pounds.
 One Dozen in a Box.

ROOF



OUR COUNTER SALESMAN

Always in full sight of customers.
 A very small investment and big returns, not only in money, but in satisfied customers.

Our Counter Salesman—16 Useful Steel Wire Brushes in Display Box, Weight 9 Lbs.....\$8.00
 Contents of Assortment.

- 2 Only No. 21 Painters' Hand Scratch Brushes.
- 2 Only No. 27 Painters' Curved Hardwood Floor Polishing Brushes.
- 2 Only No. 16 Flat Wire Scratch Brushes.
- 4 Only No. 36 Handy Paint and Varnish Removing Brushes.
- 2 Only No. 28 Painters' Duster Steel Wire Brushes.
- 4 Only No. 9 Automobile and Bicycle Chain Brushes.

All these Brushes made of Round Spring Steel Wire Except No. 16, which is Flat Spring Steel Wire.

PAINTERS' FRIEND



No. 1775—7x3 inch Block, Extra Heavy, 1¼ inch Round Tempered Steel Wires, 9x22 Rows.....\$9.00
 Designed for removing paint, varnish and wax from hardwood floors and for cleaning and preparing flat varnished or painted surfaces for refinishing.

Weight Per Dozen 12 Pounds.
 One Dozen in a Box.

SHOE HANDLE



No. 283—Heavily Filled, 1½ inch Very Fine Steel Wires, 4 Rows, Solid Block and Handle.....\$6.50
 Adapted for metal and painted surfaces where narrow brushes are required. Very effective for removing varnish, cleaning varnished surfaces and molded metal backgrounds.

Weight Per Dozen 4 Pounds.
 One Dozen in a Box.

ROOF



No 3K.

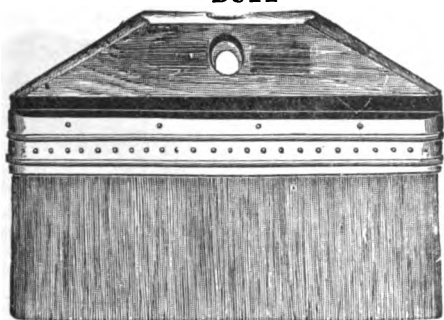
Gray Mixed Stock, Round Ferrules.

Nos.	3K	4K
Number of Knots.....	3	4
Length of Stock, Inches.....	3½	3½
Width, Inches.....	6	8
Wt. Per Dozen, Lbs....	12	16
Per Dozen	\$17.00	21.50

One-half Dozen in a Box.

BRUSHES
WHITEWASH

DUTY



White Bristles Outside, Tampico Center, Metal Bound.			
Nos.	6	7	8
Width, Inches	6 1/2	7	8
Length of Bristles, In. . .	2 1/2	2 3/4	3
Weight Per Dozen, Lbs. . .	7 1/2	9	11
Per Dozen	\$5.25	6.50	7.25
One-half Dozen in a Box.			

RELIABLE



All White Tampico Bristles, Metal Bound, Red Stained Handle.			
Nos.	7R	8R	
Width, Inches	7	8	
Length of Bristles, Inches	3 1/4	3 1/2	
Weight Per Dozen, Lbs.	9	10 1/2	
Per Dozen	\$4.00	4.50	
One-half Dozen in a Box.			

BRISTLE



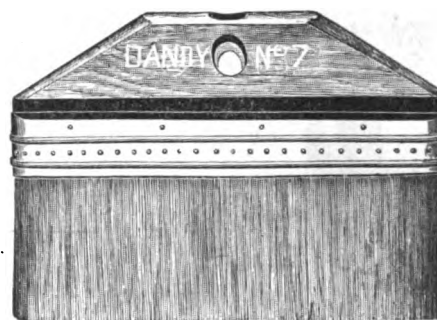
White French Bristles, Brass Bound.		
Nos.	7B	8B
Width, Inches	7	8
Length of Bristles, In. . .	2 1/4	2 1/2
Weight Per Dozen, Lbs. . .	9	11
Per Dozen	\$8.25	10.00
One-half Dozen in a Box.		

STANDARD



Long Stock, White Bristle Outside, Mixed Center, Metal Bound, Very Durable.		
Nos.	8-S	9-S
Width, Inches	8	8 1/2
Length of Bristles, In. . .	3 3/4	4
Weight Per Dozen, Lbs. . .	11	14
Per Dozen	\$11.00	15.00
One-half Dozen in a Box.		

DANDY



All White Bristles and Hair, Metal Bound, Handsomely Finished.			
Nos.	3D	5D	7D
Width, Inches	7	8	9
Lgth. Bristles, In. . .	2 3/4	3	3 1/4
Wt. Dozen, Lbs. . .	9	11	14
Per Dozen	\$10.00	12.75	15.75
One-half Dozen in a Box.			

UNION



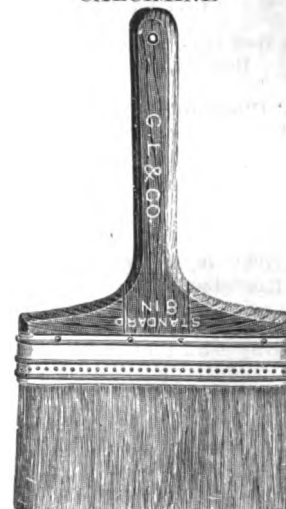
Long Heavy Stock, All White Bristles and Hair, Metal Bound.		
Nos.	80	90
Width, Inches	8	9
Lgth. of Bristles, In. . .	3 3/4	4
Wt. Per Dozen, Lbs. . .	11 1/2	14 1/2
Per Dozen	\$22.00	29.00
One-half Dozen in a Box.		

ACME



All White Russia Hair, Medium Weight, Brass Bound.			
Nos.	25	35	45
Width, Inches	8	8 1/2	9
Lgth. Bristles, In. . .	4	4 1/4	4 1/2
Wt. Dozen, Lbs. . .	12	13	15
Per Dozen	\$30.00	\$36.00	44.00
One-half Dozen in a Box.			

CALCIMINE



Standard, Brass Bound, All White Bristles.			
Nos.	6C	7C	8C
Width, Inches	6	7	8
Length Bristles, In. . .	3 1/2	3 3/4	4
Wt. Per Doz., Lbs. . .	11	13	15
Per Dozen	\$29.00	36.40	46.80

BUILDING PAPER

PLAIN STRAW BOARD



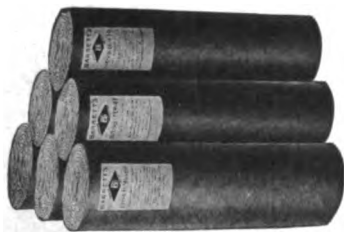
Plain Straw Board—32 inches Wide, Weight 14 Lbs.
Per 100 Square Feet.....\$.....
Weight Per Roll 50 to 80 Pounds.

BLUE PLASTER BOARD

A Cheap and Durable Substitute for Plaster, Made from Selected All Rag Stock into a Solid Sheet of Great Strength.

Per Roll
No. 1—Barrett's, 36 inches Wide, Best Quality, Weight About 33 Lbs. Per Roll, 250 Square Feet in a Roll..\$....
No. 2—Regular, 36 inches Wide, Weight About 30 Lbs. Per Roll, 250 Square Feet in a Roll.....

SHEATHING



Rosin Sized.
3-Ply Special Red Rosin Sized Sheathing, Solid Red and Good Quality.
Per Roll
No. A—Heavy, 36 inches Wide, Weight Per Roll 30 Lbs.\$.....
No. B—Medium, 36 inches Wide, Weight Per Roll 25 Lbs.
No. C—Light, 36 inches Wide, Weight Per Roll 20 Lbs.
500 Square Feet in a Roll.

BARRETT'S DIAMOND BRAND

Barrett's Red Rosin Sized Sheathing is the Highest Quality and Best Known Red Paper on the Market.

Per Roll
Barrett's Diamond—36 inches Wide, Weight Per Roll 40 Lbs.\$.....
500 Square Feet in a Roll.

NIAGARA GRAY

Niagara Gray is, as its Name Would Indicate, a Solid Gray Rosinized Sheathing, Equal in Quality to the Diamond Brand.

Per Roll
Niagara Gray—32 inches Wide, Weight Per Roll 40 Lbs.\$.....
500 Square Feet in a Roll.

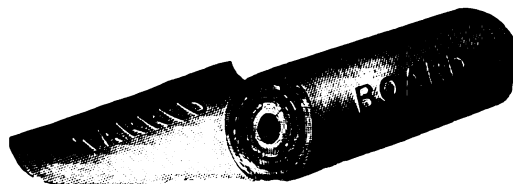
ASBESTOS PAPER

IN ROLLS

For Lining All Kinds of Buildings, Refrigerators, Cold Storage Rooms, Ice Houses, Freight Cars, Etc., a Fire Proof Material and Adapted for Fire Proof Constructions.

Per 100 Pounds
No. 10—36 inches Wide, Weight Per 100 Square Feet 10 Lbs.\$.....
No. 14—36 inches Wide, Weight Per 100 Square Feet 14 Lbs.
50 or 100 Pounds in a Roll.

TARRED BOARD



Tarred Board—32 inches Wide, Weight 16 Lbs. Per 100 Square Feet.....\$.....
Weight Per Roll 50 to 70 Pounds.

TARRED FELT

Made of Selected Long Fibre Felt, Evenly Saturated with Distilled Coal Tar, Free from Stickiness and Will Unroll in the Coldest Weather.

Per 100 Pounds
No. 1—32 inches Wide, Weight About 25 Lbs. Per 100 Square Feet, 50 to 60 Lbs. in a Roll.....\$.....
No. 2—32 inches Wide, Weight About 16 Lbs. Per 100 Square Feet, 50 to 60 Lbs. in a Roll.....

SLATERS' FELT

Used Extensively Under Slate, Tile, Shingles and Sheathing.

Per Roll
Barrett's—36 inches Wide, 500 Square Feet in a Roll, Weight About 45 Lbs.....\$.....

THREADED FELT

A Tarred Sheathing Felt Extremely Popular, Running Through the Sheet are 8 Strong Linen Threads, which Strengthen without Lessening the Pliability of the Felt and Serve as Guide Lines when Applying.

Per Roll
Barrett's—32 inches Wide, 500 Square Feet in a Roll, Weight About 45 Lbs.....\$.....

DEADENING FELT

Modern Buildings Require Thoroughly Sound Proof Walls and Floors, This Felt not Only Fulfills This Specification, but Adds Greatly to the Warmth of the Structure.

Free from Lumps and All Foreign Matter, Made of Selected Stock.

Per 100 Pounds
No. 1—36 inches Wide, Weight About 1 Lb. to the Square Yard, About 50 Lbs. to the Roll.....\$.....
No. 1½—36 inches Wide, Weight About 1½ Lbs. to the Square Yard, About 75 Lbs. to the Roll.....

SCREEN DOOR PAPER

Per Roll
Badger Black—36 inches Wide, 500 Square Feet in a Roll\$.....

Made of Good Hard Stock, Finished in Waterproof Black Coating on Both Sides.

Coated—36 inches Wide, Coated Black, 500 Square Feet in a Roll.....\$.....

Neponset—36 inches Wide, Waterproofed, 500 Square Feet in a Roll.....

Red Rope—Insulated, 36 inches Wide, 4-Ply Waterproofed, 500 Square Feet in a Roll.....

CARPET LINING

Weight About ¾ Lb. to the Yard, the Ordinary Carpet Lining of the Country.

Per Roll
Gray Corrugated—36 inches Wide, in 50 Yard Rolls, Yard Marked\$.....
Plain Cedar—36 inches Wide, in 50 Yard Rolls, Yard Marked

50 Square Yards in a Roll.

PREPARED ROOFING

BLACK DIAMOND



Black Diamond, the old reliable two and three-ply, is the pioneer of ready roofing. It is a simple combination of Tarred Felt and Coal Tar Pitch, the best materials known for roofing and waterproofing. The sectional diagrams clearly indicate of what **Black Diamond** is made and illustrate the only difference between the two and three-ply, the quality of materials used being the same in both.



Two-ply consists of two sheets (aa) of the best quality of Tarred Felt, with a layer of waterproof Composition (b).



Three-ply consists of three sheets (aaa) of the best quality of Tarred Felt, with two layers of waterproof Composition (bb).

Put up in Rolls of 108 Square Feet, Will Cover 100 Square Feet.

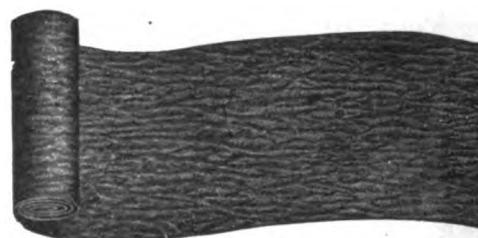
Two-Ply—32 inches Wide, Weight Per Roll 45 Lbs. Per Roll \$.....
Three-Ply—32 inches Wide, Weight Per Roll 70 Lbs. Per Roll \$.....
 Note—Nails, Caps and Coating are not included. Will be charged extra if ordered. For one square roofing 1 lb. of nails 1½ lbs. tin caps and 2 gallons roof coating is required. Black Diamond Roofing should be coated.

BADGER RUBBER ROOFING

Best Ready Roofing on the Market, Guaranteed 5, 10 and 15 Years.



Cut Showing Badger Rubber Roofing in Roll.
Put up in Rolls Ready to Lay.



Cut Showing Badger Rubber Roofing Unrolled.

Put up, Ready to Lay, in Rolls of 108 Square Feet, Will Cover 100 Square Feet.
 Complete with Large Head Nails, Cement and Directions for Laying Inside of Roll, 8 Square Feet Allowed for Laps Per Roll.
One-Ply —32 inches Wide, Guaranteed for 5 Years, Weight Per Roll 34 Lbs. Complete.....\$.....
Two-Ply —32 inches Wide, Guaranteed for 10 Years, Weight Per Roll 44 Lbs. Complete.....\$.....
Three-Ply—32 inches Wide, Guaranteed for 15 Years, Weight Per Roll 54 Lbs. Complete.....\$.....
 The Badger Rubber Roofing is adapted for use on all classes of buildings, flat or steep roofs, such as Farm Residences, Houses, Cottages, Farm buildings and Factory and Store Buildings.

This Roofing is not affected by heat or cold, it does not injure rainwater, it is easily applied, it does not absorb moisture, and therefore cannot be affected by action of frost and therefore preserves an even surface. It is made from finest grade of wool felt and guaranteed to contain no coal tar, weather-proof, rot-proof, fire resisting, requires no annual painting. It is the best for all buildings where economy and durability is desired. Ready for use to meet the various demands for a good roof.

CERTAIN-TEED ROOFING

Guaranteed 5, 10 and 15 Years.

Carries Abundant Saturation of Certain-teed Blend Asphalts, the slowest drying saturant known to science.



No Coal Tar or Quick Drying Saturants Used in this Roofing.

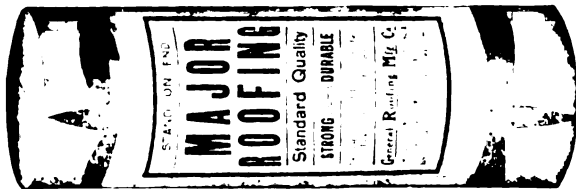
Put up, Ready to Lay, in Rolls of 108 Square Feet, Will Cover 100 Square Feet

Complete with Large Head Nails, Cement and Directions for Laying Inside of Roll, 8 Square Feet Allowed for Laps Per Square.
One-Ply —32 inches Wide, Guaranteed for 5 Years, Weight Per Roll 35 Lbs. Complete.....\$.....
Two-Ply —32 inches Wide, Guaranteed for 10 Years, Weight Per Roll 45 Lbs. Complete.....\$.....
Three-Ply—32 inches Wide, Guaranteed for 15 Years, Weight Per Roll 55 Lbs. Complete.....\$.....

Certain-Teed is a permanent and durable Roofing suitable for any building. The body of this Roofing is of the best quality fibrous wood felts, which are given a double saturation of weather, water and acid proof rubber composition. This saturation is slowly and thoroughly driven in by heavy pressure, the felts going through extra sets of rollers and by this process get more composition in the felts. This makes Roofing wear longer and gives better results generally. After the felts are thoroughly seasoned it is carefully coated with highest grade asphalt coating. It is not possible to make a better or more durable Roofing as it contains every essential quality that a good Roofing should and lacks nothing to make it the best. Certain-Teed Roofing is suitable for either steep or flat roofs. Requires no jointing when laid and is unaffected by extreme changes of weather and is fire-proof.

MAJOR ROOFING

Guaranteed 3, 7 and 10 Years.



Put up, Ready to Lay, in Rolls of 108 Square Feet, Will Cover 100 Square Feet.

Complete with Large Head Nails, Cement and Directions for Laying Inside of Roll, 8 Square Feet Allowed for Laps Per Square.

Per Roll

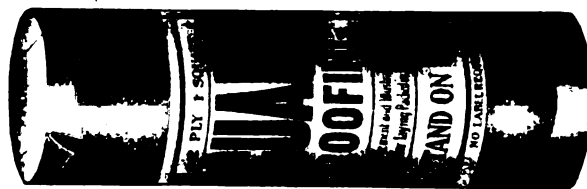
One-Ply—32 inches Wide, Guaranteed for 3 Years, Weight Per Roll About 35 Lbs., Complete.....\$.....**Two-Ply**—32 inches Wide, Guaranteed for 7 years, Weight Per Roll About 45 Lbs., Complete.....**Three-Ply**—32 inches Wide, Guaranteed for 10 Years, Weight Per Roll About 55 Lbs., Complete.....

Major Roofing is finished on the outside with a coating of powdered soapstone or talc, giving it an appearance of rubber belting.

This Roofing is made from good material and equal to any high priced roofing.

GUARD ROOFING

A Good Roofing for Ordinary Purposes.



Put up, Ready to Lay, in Rolls of 108 Square Feet, Will Cover 100 Square Feet.

Complete with Large Head Nails, Cement and Directions for Laying Inside of Roll, 8 Square Feet Allowed for Laps Per Square.

Per Roll

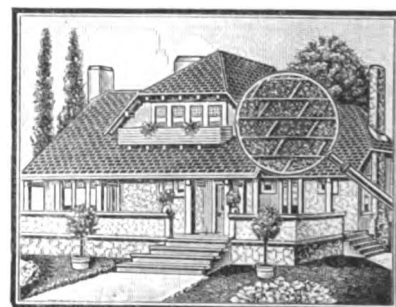
One-Ply—32 inches Wide, Weight Per Roll About 35 Lbs., Complete.....\$.....**Two-Ply**—32 inches Wide, Weight Per Roll About 45 Lbs., Complete.....**Three-Ply**—32 inches Wide, Weight Per Roll About 55 Lbs., Complete.....

Guard Roofing is made of good material, carefully compounded and saturated, and makes a waterproof and entirely satisfactory roof for temporary purposes.

SLATE SURFACED SHINGLES**CERTAIN-TEED**

Combines Permanent Color, Beauty, Fire Protection, Great Durability and Low Cost.

The beautiful colors of the crushed slate are natural and consequently cannot fade.



Certain-Teed Shingles are especially adapted for residences and bungalows for the fact that they produce the most beautiful effect besides making the most durable roof.

Per Square

No. R—Red Slate Surface, Size of Shingle 8x12 3/4 inches, 424 Shingles to a Square...\$.....**No. G**—Green Slate Surface, Size of Shingle 8x12 3/4 inches, 424 Shingles to a Square.

These Shingles are made of thick felt thoroughly saturated in blended asphalt and heavily coated with a harder surfacing of like material in which red or green crushed slate is imbedded. The slate on the surface is absolutely fireproof and the outer covering of asphalt in which the slate is imbedded is fire-resisting and very slow to burn. These Shingles are laid the same as ordinary wood shingles, and when laid they form a treble thickness, insuring long service and a perfect weather-proof roof. They cannot rot, crack or warp and require no painting as red or green coloring of slate is natural and cannot fade.

Laid 1/2 inch apart and 4 inches to the weather, 424 Shingles to the square of 100 square feet.

Packed 4 Cartons to a Square, Weight Per Square 230 Pounds.

SLATE SURFACED CERTAINTIED ROOFING

Same Material as Certain-Teed Shingles, but Put up in Rolls, Suitable for Flashings, Etc., to Use with Certain-Teed Shingles and for Roofing. Put up, Ready to Lay, in Rolls of 108 Square Feet, Will Cover 100 Square Feet. Complete with Large Head Nails, Cement and Directions for Laying Inside of Roll. 8 Square Feet Allowed for Lap Per Square.

Per Roll

No. RR—Red Slate Surface, 32 inches Wide, Weight Per Roll 80 Lbs., Complete.....\$.....**No. GR**—Green Slate Surface, 32 inches Wide, Weight Per Roll 80 Lbs., Complete.....**STOP-A-LEKE STYCK**

MENDS LEAKS PERMANENTLY



You will never have a leak around the skylight if you use Stop-A-Leke Styck.



Always Ready for Use.

Stop-a-Leke Styck—Put up in Round Stick Form Package.....\$.....

Per Dozen

Mends Leaks permanently in all kinds of Roofing, Tin, Steel, Felt, Gravel, Slate, Tile or Shingle. Also Leaks in Eaves Troughs, around Skylights, Dormer Windows, Scuttles, Pipes, Wooden or Iron Tanks and any place where leaks occur.

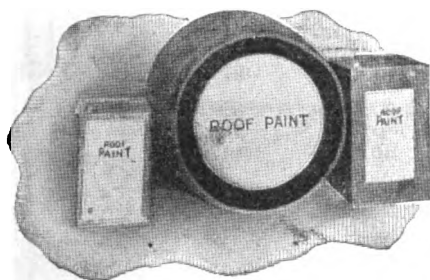
TIN ROOFING DISCS



No. 114—1¼ inch Diameter, Pressed Heavy Tin, with Nail Hole Per Pound \$0.10

In Bulk.

ASPHALT ROOF PAINT



Superior Quality.

For Painting Iron or Tin and Prepared Roofs, Gutters, Smoke Stacks, Boiler Fronts, Steel Structure, Condensers, Stand Pipes, Etc.

	Per Gallon
In Barrels	\$0.80
In ½ Barrels .....	.90
In 5 Gallon Cans	1.00
In 1 Gallon Cans, 12 Cans in a Box.....	1.20

CEMENT COATING



	Per Gallon
In 5 Gallon Cans	\$0.40
In 10 Gallon Cans .....	.35
In 25 Gallon Barrels .....	.26
In 50 Gallon Barrels .....	.20

For all kinds of Felt and Prepared Roofing.

ROOFING PITCH AND TAR



Roofing Pitch—In Barrels..... Per 100 Pounds \$1.50

	Per Barrel
Refined Tar—In 50 Gallon Barrels.....	\$9.00
In Barrels of About Three Hundred to Five Hundred Pounds.	

PECORA WEATHERTITE

Elastic, Rubbery Roofing Cement.

Possesses every feature which makes a cement perfect for general repair or new work.

Weathertite will make a new roof out of a rusty or leaky old one. A thin coating spread over with a trowel will make it tight and it will stay tight.

This applies to slate, tile, wood roofs, etc., and when the work is done you won't have to go back on the job again.

If chimneys need repairing, use Weathertite—it's fine for this work.

Weathertite "stays put", it never shrinks or cracks away, drying just hard enough, yet not so hard as to become brittle.

While it is a so-called repair cement, it's use really makes a permanent job which is equally as good as new.



	Per Pound
In 100 Pound Metal Kegs	\$0.14
In 25 Pound Cans .....	.16
In 10 Pound Cans .....	.20
In 5 Pound Cans .....	.20

Never hardens in package, opened or closed.

ROOFING CEMENT

PECORA



Elastic.

	Per Pound
In 5 Pound Cans.....	\$0.10
In 10 Pound Cans.....	.10

For Bedding or Laying Slate, Tile and Metal Roofs. Remains elastic for years. Expands and contracts with heat and cold. For repairing roofs, chimney joints, and can be used in all places where solder cannot be used.

PINE TAR



	Per Dozen
Pure Pine Tar—In 1 Pint Seal Top Cans.....	\$1.50
Pure Pine Tar—In 1 Pint Screw Top Cans.....	1.80

SCREEN DOORS

No. 296—Kiln Dried Lumber, Painted Black, Square Mortised and Tenoned Joints, Five Panel, Flush Beaded Mitered Mouldings, Black Wire Cloth, 8 inch Style, 1 1/2 inches Thick.

Width	2 ft. 6 in.	2 ft. 8 in.	2 ft. 8 in.
Height	6 ft. 6 in.	6 ft. 8 in.	7 ft.
Per Dozen	\$24.00	25.50	26.40
Width	2 ft. 10 in.	2 ft. 10 in.	3 ft.
Height	6 ft. 10 in.	7 ft.	7 ft.
Per Dozen	\$26.90	27.30	27.80

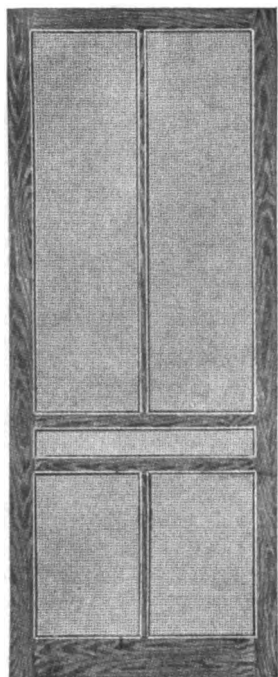
Average Weight Per Dozen 210 Pounds.

No. 341—Selected Kiln Dried Pine Lumber, Finished in the Natural Wood with Two Coats of Durable Varnish, Square Mortised and Tenoned Joints, Beaded Mitered Mouldings, Black Wire Cloth, 8 inch Style, 1 1/2 inches Thick.

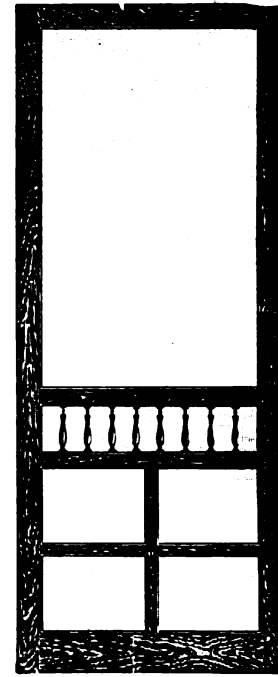
Width	2 ft. 6 in.	2 ft. 8 in.	2 ft. 8 in.
Height	6 ft. 6 in.	6 ft. 8 in.	7 ft.
Per Dozen	\$32.40	34.20	35.20
Width	2 ft. 10 in.	2 ft. 10 in.	3 ft.
Height	6 ft. 10 in.	7 ft.	7 ft.
Per Dozen	\$35.70	36.00	36.60

Average Weight Per Dozen 240 Pounds.

One-half Dozen in a Crate.

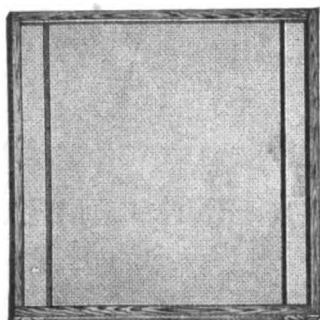


No. 296. COMPETITOR EXTENSION



WARASH EXTENSION No. 341.

WINDOW SCREENS

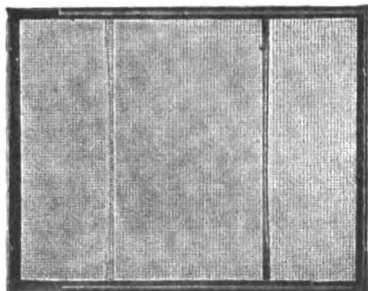


Walnut Stain Wood Frame, Black Wire Cloth.

Nos.	1	2	3	4
Height, Inches	15	18	24	24
Width Closed, Inches.....	21	21	21	23
Width Open, Inches.....	33	33	33	37
Per Dozen	\$4.70	5.20	6.60	7.80

Average Weight Per Dozen 40 Pounds.
One Dozen in a Crate.

SHERWOOD EXTENSION

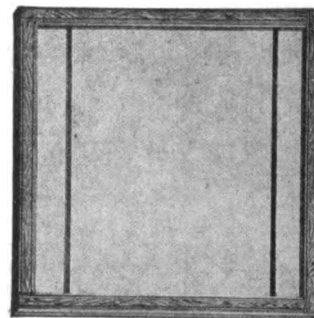


Pressed Steel Frame, Black Japanned, 12 Mesh Black Wire Cloth.

Nos.	18	24	24A	30	30A
Height, Inches	18	24	24	30	30
Width Closed, Inches..	18	18	20	21	24
Width Open, Inches....	33	33	37	37	43
Weight Per Dozen, Lbs.	27	32	35	46	50
Per Dozen	\$7.80	9.00	9.60	12.00	14.40

The wire cloth is drawn tightly and locked securely in the frame. This metal frame screen operates easily in all kinds of weather.

One Dozen in a Crate.



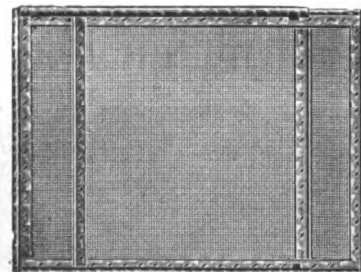
Hard Wood Frame, Oil Finish, 12 Mesh, Black Wire Cloth.					
Nos.	933	1233	1533	1833	2433
Height, Inches	9	12	15	18	24
Width Closed, Inches....	21	21	21	21	21
Width Open, Inches.....	33	33	33	33	33
Per Dozen	\$3.60	4.55	4.80	5.30	6.40
Nos.	2437	2837	3033	3037	
Height, Inches	24	28	30	30	
Width Closed, Inches....	23	23	21	23	
Width Open, Inches.....	37	37	33	37	
Per Dozen	\$7.30	8.40	8.65	9.10	

These Screens are guaranteed to have perfect adjustment. Wire cloth is securely fastened to frame and covered with moulding.

Average Weight Per Dozen 50 Pounds.

One Dozen in a Crate.

ONE WAY ADJUSTABLE



Best Quality Iron Frame, Galvanized White Metal Wire Cloth Riveted to Iron Frame.

Nos.	18G	24GO	30G
Height, Inches	18	24	29
Width Closed, Inches....	18	18	21
Width Open, Inches.....	33	33	37
Per Dozen	\$9.00	10.80	13.75

Unlike the old style screens, they will not warp, swell or rust and will slide easily in all kinds of weather. Nothing on them that can rot or harbor insects.

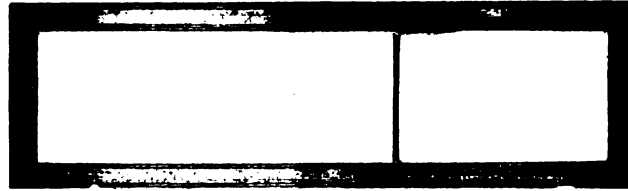
Average Weight Per Dozen 28 Pounds.

One Dozen in a Crate.

CLOTH WINDOW VENTILATORS

CONTINENTAL SANITARY

Sanitary Cloth Window Ventilators supply fresh air without drafts or dust. Are a health necessity for the home, schools, factories, hospitals, offices, etc.



Takes the place of sash curtains, prevents curtains from blowing out of window.

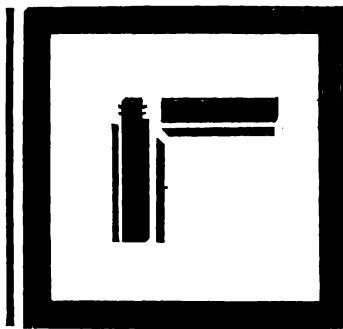
Adjustable Hardwood Frame Finished in "Mission Red" Oil Stained, Fine Mesh Cotton Cloth.

Nos.	93	94	96	153	154
Height, Inches	9	9	9	15	15
Width Closed, Inches	23	31	34	23	31
Width Open, Inches	37	49	60	37	49
Weight Per Dozen, Lbs.	15	18	20	20	22
Per Dozen	\$4.40	5.30	6.40	5.60	7.70

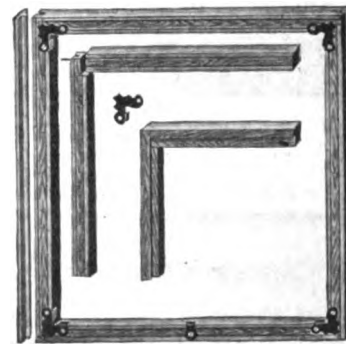
One Dozen in a Crate.

WINDOW SCREEN FRAMES

CUSTOM



CONTINENTAL



Selected White Pine or Basswood, $\frac{3}{8} \times 1\frac{1}{4}$ inch Sticks.

The Side Pieces are grooved in the outer edges. Slide-Sticks for fastening to the window are furnished, also Raised Mouldings for covering edge of the wire cloth.

Nos.	M3636	M4242	★M3684
Width, Inches	36	42	36
Height, Inches	36	42	84
Per Dozen	\$5.00	6.60	9.60

★No. M3684 has a cross bar to strengthen the center of the frame, but without slide-sticks.

Average Weight Per Dozen 45 Pounds.

Nos. M3636 and M4242, Two Dozen; No. M3684, One Dozen in a Crate.

Selected Kiln Dried Pine, Walnut Stain Finish, $\frac{3}{8} \times 1\frac{1}{4}$ inch Sticks, Japanned Steel Corners and Lift, with Screws and Nails.

Side Pieces have grooves in outer edge. Slide-Sticks with Tongue on each for fastening are furnished, also Mouldings for covering edge of wire cloth.

Nos.	C3636	C4242	★C3684
Width, Inches	36	42	36
Height, Inches	36	42	84
Per Dozen	\$4.80	5.60	7.80

★No. C3684 has a cross bar to strengthen the center of frame, but without slide-sticks.

Average Weight Per Dozen 50 Pounds.

Nos. C3636 and C4242, Two Dozen; No. C3684, One Dozen in a Crate.

WINDOW SCREEN CORNERS



Per Dozen Sets
No. 0A—Light, Japanned, Four Corners in a Set, with Screws.....\$2.00
Weight Per Dozen Sets 7 Pounds.
One Set in a Box; One Dozen Boxes in a Package.

SCREEN DOOR MOULDINGS



Walnut Stained.

Per 100 Feet
No. 1— $\frac{1}{2}$ inch, Beaded, for Common Screen Doors.....\$0.82
Weight Per Hundred Feet 3 Pounds.
1000 Feet in a Bundle.

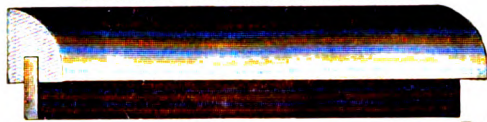


White.

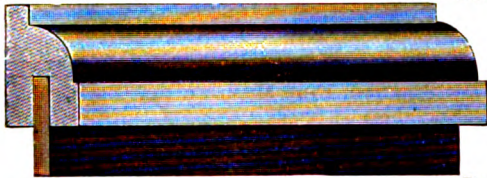
Per 100 Feet
No. 2— $\frac{1}{2}$ inch, Beaded, for Fancy Screen Doors.....\$0.82
Weight Per Hundred Feet 3 Pounds.
1000 Feet in a Bundle.

WEATHER STRIP

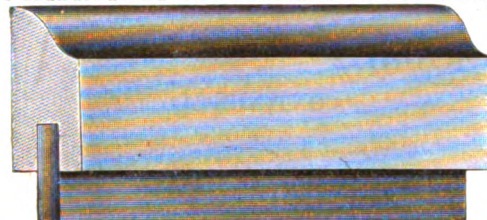
BOSLEY'S WOOD AND FELT



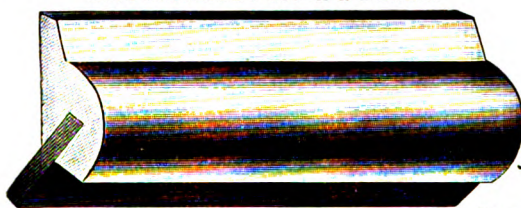
- No. 60— $\frac{3}{8}$ inch, for Upper Sash of Windows, in 12 foot Lengths **\$2.60**
 Weight Per 1000 Feet 30 Pounds.
 Five Hundred and One Thousand Feet in a Bundle.



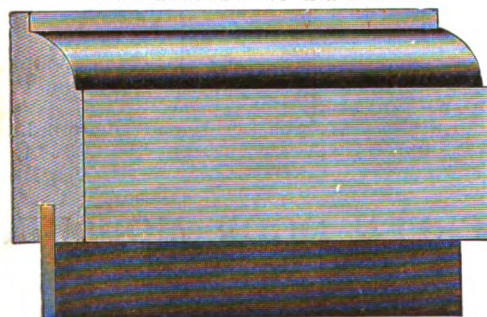
- No. 61— $\frac{5}{8}$ inch, for Lower Sash of Windows, in 12 foot Lengths **\$2.60**
 Weight Per 1000 Feet 40 Pounds.
 Five Hundred and One Thousand Feet in a Bundle.



- No. 61 $\frac{1}{2}$ — $\frac{7}{8}$ inch, for Sides and Tops of Doors, in 12 foot Lengths **\$3.75**
 Weight Per 1000 Feet 60 Pounds.
 Five Hundred Feet in a Bundle.



- No. 62— $\frac{3}{4}$ inch, for Center of Windows, in 12 foot Lengths **\$4.50**
 Weight Per 1000 Feet 50 Pounds.
 Five Hundred Feet in a Bundle.



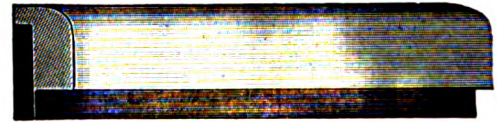
- No. 64—1 $\frac{1}{4}$ inch, for Bottom of Light Doors, in 12 foot Lengths **\$5.00**
 Weight Per 1000 Feet 90 Pounds.
 Five Hundred Feet in a Bundle.



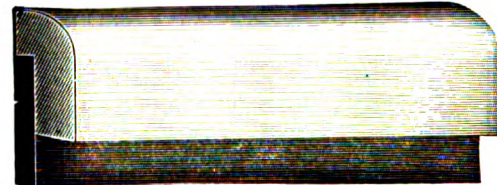
- No. 9— $\frac{1}{2}$ inch, One Piece Solid Rubber, for Lower Sash of Windows, Weight Per 1000 feet 25 Lbs. **\$3.50**
 No. 10— $\frac{3}{4}$ inch, One Piece Solid Rubber, for Sides and Tops of Doors, Weight Per 1000 feet 35 Lbs. **4.50**
 No. 11—1 inch, One Piece Solid Rubber, for Bottom of Doors, Weight Per 1000 feet 45 Lbs. **5.50**
 Fifty Feet in a Box.

DENNIS "CLINCHER" FELT

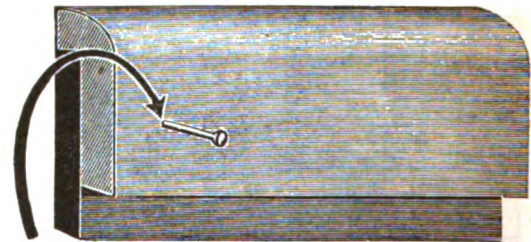
The "Dennis Clincher" Felt Weather Strip is the most practical and durable strip made. The felt used is extra heavy and is glued to the bottom of the moulding and the nail used to apply the strip passes through both moulding and felt. This feature assures complete satisfaction and makes the strip much easier to apply, also makes doors and windows dust, cold and wind proof.



- No. 70— $\frac{1}{2}$ inch Moulding, for the Upper Sash of Windows **\$3.00**
 Weight Per 1000 Feet 35 Pounds.
 Five Hundred Feet in a Bundle.



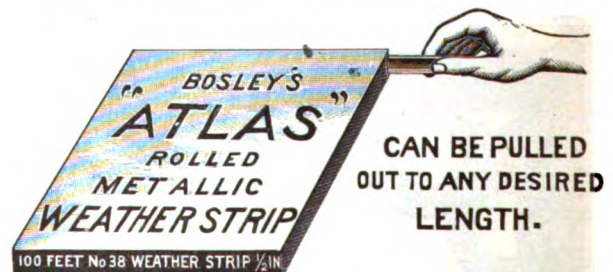
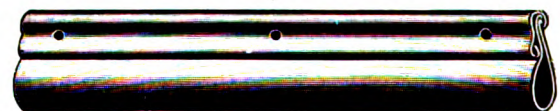
- No. 71— $\frac{5}{8}$ inch Moulding, for Lower Sash of Window, Weight Per 1000 feet 50 Lbs. **\$3.00**
 No. 71 $\frac{1}{2}$ — $\frac{3}{4}$ inch Moulding, for Sides and Tops of Doors, Weight Per 1000 feet 65 Lbs. **4.50**
 Five Hundred Feet in a Bundle.



NOTE - NAIL PASSES THROUGH BOTH MOULDING AND FELT.

- No. 74—1 inch Moulding, for Bottoms of Light Doors. **\$3.50**
 Weight Per 1000 Feet 100 Pounds.
 250 Feet in a Bundle.

ATLAS CREASED METALLIC RUBBER



Can be Pulled Out to any Desired Length.

Zinc and Gray Rubber.

Nos.	38	39	40
Size, Inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Weight Per 1000 Feet, Lbs.	30	40	45
Per 100 Feet	\$3.30	4.00	4.70

One Hundred Feet in a Box, Sixteen Inches Square.

SCREEN WIRE CLOTH

HANOVER

**Black, Two-Wire Double Selvage, 12x12 Mesh.**

Per Square Foot

Widths—18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 inch.....\$.....
 Black Enamel Finish, presents a brilliant, glossy, ebony appearance.

Fifty or One Hundred Lineal Feet in a Roll.

Galvanized Two-Wire, Double Selvage, 12x12 Mesh.

Per Square Foot

Widths—18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 inch.....\$.....

Fifty or One Hundred Lineal Feet in a Roll.

Galvanized, Two-Wire Double Selvage, 14x14 Mesh.

Per Square Foot

Widths—18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 inch.....\$.....

Fifty Lineal Feet in a Roll.

Galvanized, Two-Wire Double Selvage, 16x16 Mesh.

Per Square Foot

Widths—28, 30, 36 and 48 inch.....\$.....

Fifty Lineal Feet in a Roll.

Galvanized with a heavy coat of best grade spelter which will withstand all kinds of climatic conditions a great deal longer than painted cloth.

Golden Bronze, Two-Wire Double Selvage, 14x14 Mesh.

Per Square Foot

Widths—18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 inch.....\$.....

Made of highest quality hard solid bronze wire, containing 90 per cent copper, without paint or lacquer, allowing more ventilation than painted cloth. Indestructible in salt air, acids or gases. In a short time after exposure, color will change to an antique or rich dark bronze.

Fifty Lineal Feet in a Roll.

Note—We can furnish any of the above from Stock; other widths up to 72 inches wide in steps of 2 inches, shipped from factory.

Note—Price on Application.

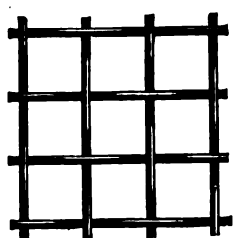
WIRE CLOTH TABLE SHOWING SQUARE FEET IN VARIOUS WIDTHS AND LENGTHS OF WIRE SCREEN CLOTH.

Length	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.	sq. ft.
2 inches ..	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{5}{12}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
3 inches ..	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
4 inches ..	$\frac{1}{2}$	$\frac{7}{12}$	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
5 inches ..	$\frac{5}{8}$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
6 inches ..	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{11}{12}$	1	$\frac{11}{12}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
7 inches ..	$\frac{7}{8}$	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
8 inches ..	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
9 inches ..	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
10 inches ..	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
11 inches ..	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
1 foot	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
2 feet	3	$\frac{3}{2}$	$\frac{3}{2}$	4	$\frac{4}{2}$	$\frac{4}{2}$	5	$\frac{5}{2}$	$\frac{5}{2}$	6	$\frac{6}{2}$	$\frac{6}{2}$	7	$\frac{7}{2}$	$\frac{7}{2}$	8
3 feet	$\frac{4}{2}$	5	$\frac{5}{2}$	6	$\frac{6}{2}$	7	$\frac{7}{2}$	8	$\frac{8}{2}$	9	$\frac{9}{2}$	10	$\frac{10}{2}$	11	$\frac{11}{2}$	12
4 feet	6	$\frac{6}{2}$	$\frac{7}{2}$	8	$\frac{8}{2}$	$\frac{9}{2}$	10	$\frac{10}{2}$	$\frac{11}{2}$	12	$\frac{12}{2}$	13	$\frac{13}{2}$	14	$\frac{14}{2}$	15
5 feet	$\frac{7}{2}$	$\frac{8}{2}$	$\frac{9}{2}$	10	$\frac{10}{2}$	$\frac{11}{2}$	$\frac{12}{2}$	$\frac{13}{2}$	$\frac{14}{2}$	15	$\frac{15}{2}$	$\frac{16}{2}$	$\frac{17}{2}$	18	$\frac{18}{2}$	19
6 feet	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
7 feet	$\frac{10}{2}$	$\frac{11}{2}$	$\frac{12}{2}$	14	$\frac{15}{2}$	$\frac{16}{2}$	$\frac{17}{2}$	$\frac{18}{2}$	$\frac{19}{2}$	21	$\frac{22}{2}$	$\frac{23}{2}$	$\frac{24}{2}$	$\frac{25}{2}$	$\frac{26}{2}$	28
8 feet	12	$\frac{13}{2}$	$\frac{14}{2}$	16	$\frac{17}{2}$	$\frac{18}{2}$	20	$\frac{21}{2}$	$\frac{22}{2}$	24	$\frac{25}{2}$	$\frac{26}{2}$	28	$\frac{29}{2}$	$\frac{30}{2}$	32
9 feet	$\frac{13}{2}$	15	$\frac{16}{2}$	18	$\frac{19}{2}$	21	$\frac{22}{2}$	24	$\frac{25}{2}$	27	$\frac{28}{2}$	30	$\frac{31}{2}$	33	$\frac{34}{2}$	36
10 feet	15	$\frac{16}{2}$	$\frac{17}{2}$	20	$\frac{21}{2}$	$\frac{22}{2}$	25	$\frac{26}{2}$	$\frac{27}{2}$	30	$\frac{31}{2}$	$\frac{32}{2}$	35	$\frac{36}{2}$	$\frac{37}{2}$	40
20 feet	30	$\frac{33}{2}$	$\frac{36}{2}$	40	$\frac{43}{2}$	$\frac{46}{2}$	50	$\frac{53}{2}$	$\frac{56}{2}$	60	$\frac{63}{2}$	$\frac{66}{2}$	70	$\frac{73}{2}$	$\frac{76}{2}$	80
30 feet	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120
40 feet	60	$\frac{66}{2}$	$\frac{73}{2}$	80	$\frac{86}{2}$	$\frac{93}{2}$	100	$\frac{106}{2}$	$\frac{113}{2}$	120	$\frac{126}{2}$	$\frac{133}{2}$	140	$\frac{146}{2}$	$\frac{153}{2}$	160
50 feet	75	$\frac{83}{2}$	$\frac{91}{2}$	100	$\frac{108}{2}$	$\frac{116}{2}$	125	$\frac{133}{2}$	$\frac{141}{2}$	150	$\frac{158}{2}$	$\frac{166}{2}$	175	$\frac{183}{2}$	$\frac{191}{2}$	200
100 feet	150	$\frac{166}{2}$	$\frac{183}{2}$	200	$\frac{216}{2}$	$\frac{233}{2}$	250	$\frac{266}{2}$	$\frac{283}{2}$	300	$\frac{316}{2}$	$\frac{333}{2}$	350	$\frac{366}{2}$	$\frac{383}{2}$	400

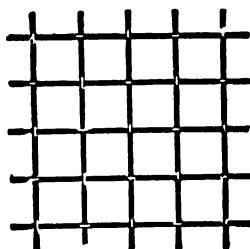
WIRE CLOTH

Full Size Mesh.

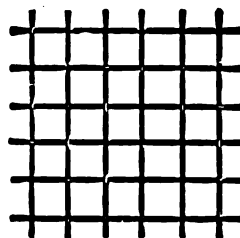
HARDWARE GRADE



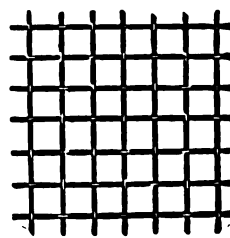
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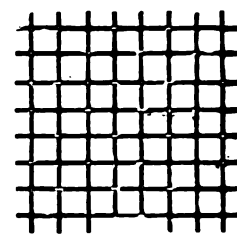
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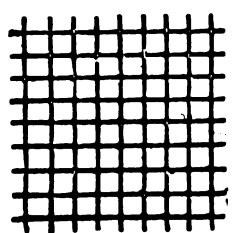
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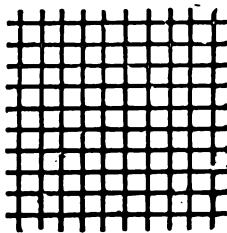
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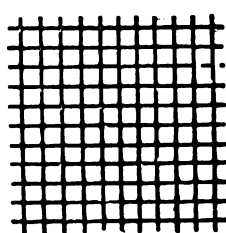
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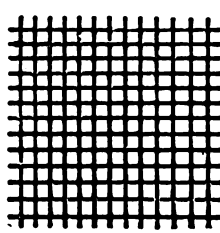
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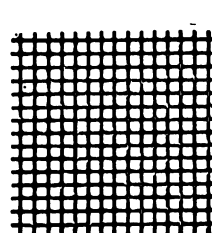
9x9.



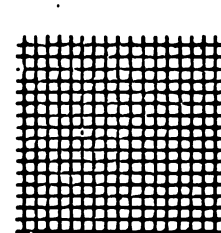
10x10.



12x12.



14x14.



16x16.

Mesh	2	3	4	5	6	7	8	9	10	12	14	16	18	20	22
Gauge of Wire	18	20	22	23	24	25	26	26	28	29	33	34	35	36	36
Per Square Foot	\$0.06	.06	.06	.06	.06	.06	.06	.08	.08	.08	.08	.08	.10	.10	.10

Twenty-four inches Wide. One Hundred Lineal Feet in a Roll.

Black.

Mesh	2	3	4	5	6	7	8
Gauge of Wire	18	20	22	23	24	25	26
24 inches Wide	Per Square Foot, \$0.10	.10	.10 1/2	.11	.11 1/2	.12	.12 1/2
30 inches Wide	Per Square Foot, .10	.10	.10 1/2	.11	.11 1/2	...	...
36 inches Wide	Per Square Foot, .10	.10	.10 1/2	.11	.11 1/2	...	...

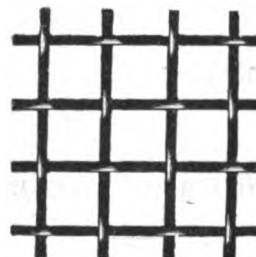
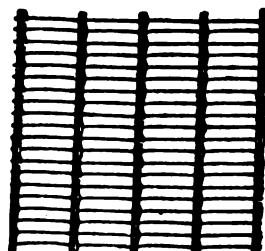
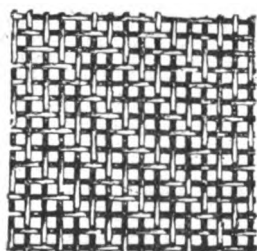
Fifty or One Hundred Lineal Feet in a Roll.

Galvanized.

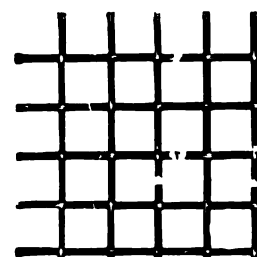
SMOKE STACK

PEA AND FLAX SCREEN

HEAVY SAND SCREEN



3x3.



4x4.

Twilled Smoke Stack, Black.	
Mesh	6x6
Gauge of Wire	18
Width, Inches	24
Per Square Foot	\$0.27

Flax Screen, Black.	
Mesh	3x12
Width, Inches	24
Per Square Foot	\$0.10

Black.	
Mesh	3
Gauge of Wire	16
Width, Inches	24
Per Square Foot	\$0.17

Galvanized.	
Mesh	2x2
Gauge of Wire	14
Width, Inches	24
Per Square Foot	\$0.27

Split Pea Screen.

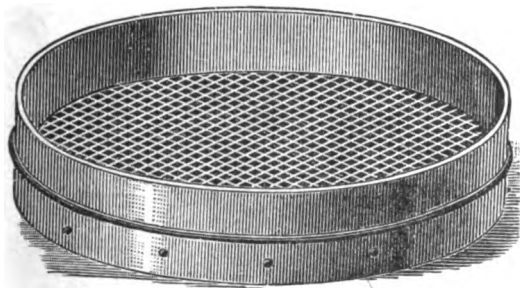
Split Pea Screen—Width 24 inches, 2x5 inch Mesh	Per Square Foot
One Hundred Lineal Feet in a Roll.	\$0.10

THE MESHERS FOR CLEANING SEEDS ARE AS FOLLOWS:

For Wheat	4x4 or 5x5	For Clover	13x13 or 14x14
For Corn and Oats	2x2	For Clover from Sand	20 or 22
For Rye and Barley	2x2	For Timothy	16x16, 18x18 or 20x20
For Cockle	8x8 or 9x9	For Cheat	3x12
For Peas	2x4 or 2x5	For Flax	4x14

The Mesh in the Wire Cloth is the Number of Squares to the Inch, and is to Measure from Center to Center of Wire.

OATS SIEVES

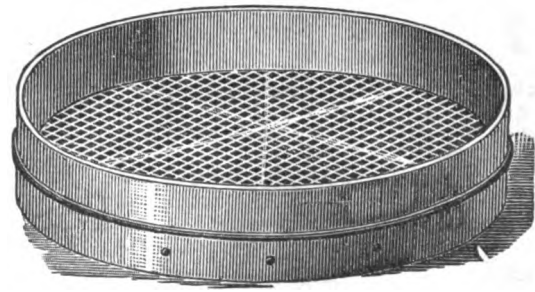


Elm Wood Rim, Plain Steel Wire.

Nos.	14	16	18
Diameter, Inches	14	16	18
Mesh Nos.	12x12	12x12	12x12
Weight Per Dozen, Lbs.	20	24	28
Per Dozen	\$5.80	6.50	7.00

One-half Dozen in a Bundle.

GRAIN AND SAND RIDDLES



Elm Wood Rim, Plain Steel Wire.

Mesh, Nos.	2	3	4	5	6	8	10
Diam., Inches	18	18	18	18	18	18	18
Per Dozen	\$7.00	7.00	7.00	7.00	7.00	7.00	7.00

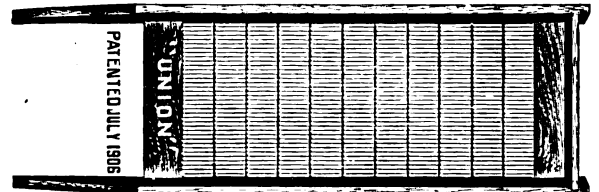
No. 4 Mesh for Corn; Nos. 5 and 6, for Wheat; Nos. 10 and 12, for Oats.

Average Weight Per Dozen 25 Pounds.
One-half Dozen in a Bundle.

SAND SCREENS

Best Quality Wood Frame, Painted Red, 1 1/8 inches Thick, Plain Steel Wire, Black Asphaltum Painted Screen.

Nos.	31	41	51
Mesh Nos.	3	4	5
Height, Inches	72	72	72
Width, Inches	23	23	23
Each	\$4.00	4.00	4.00



Each wire is swedged into the crossbars at intervals of about 4 1/2 inches, the fingers of the crossbar being bent or swedged over the wire, holding it securely in place. The screening surface is smooth and therefore fast. Will handle 50 per cent more sand and gravel than any other screen on the market.

Weight Each 22 Pounds.

JACK SCREWS

LOCOMOTIVE

Steel Screw and Collar, Cast Iron Stand, Bell Bottom.



Diameter of Screw, Inches.....	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2
Length of Screw, Inches.....	8	10	12	14	10	12	14	10
Height of Stand, Inches.....	8	10	12	14	10	12	14	10
Height Over All, Inches.....	10 1/2	12 1/2	14 1/2	16 1/2	12 3/4	14 3/4	16 3/4	14 1/2
Capacity Each, Tons.....	12	12	12	12	16	16	16	20
Weight Each, Lbs.....	14	17 1/2	19	21	20 1/2	25	29	26
Each	\$4.25	4.75	5.25	6.00	5.75	6.25	6.75	6.75
Diameter of Screw, Inches.....	2	2	2	2	2 1/4	2 1/4	2 1/2	2 1/2
Length of Screw, Inches.....	12	14	16	18	16	18	18	20
Height of Stand, Inches.....	12	14	16	18	16	18	18	20
Height Over All, Inches.....	15 1/4	17 1/4	19 1/4	21 1/4	19 3/4	21 3/4	22 3/4	24 1/4
Capacity Each, Tons.....	20	20	20	20	24	24	28	28
Weight Each, Lbs.....	30	35	37	42	41 1/2	44	57	60
Each	\$7.50	8.25	9.25	10.25	11.00	12.00	14.50	15.75

TACKLE BLOCK SHEAVES



For Wood Shell Blocks.

For Block, Inches.	3	4	5	6	7
Sheave, Inches ...	1 3/4 x 1/2	2 1/4 x 5/8	3 x 3/4	3 1/2 x 1	4 1/4 x 1
Hole, Inches	3/8	3/8	3/8	1/2	1/2
Each	\$0.10	.14	.20	.26	.34

For Block, Inches.	8	9	10	12
Sheaves, Inches ...	4 3/4 x 1 1/8	5 1/2 x 1 1/8	6 1/4 x 1 1/4	8 x 1 3/8
Hole, Inches	5/8	5/8	3/4	3/4
Each	\$0.42	.50	.70	1.10

Open Stock.



Japanned, Plain Bushed, for "Hartz" and "Climax" Steel Shell Blocks.

For Block, Inches.....	4	5	6	8
Sheave, Inches	2 1/4	2 3/4	3 1/4	4 3/4
Thickness, Inches	1 1/8	7/8	1	1 1/4
Hole, Inches	3/8	1/2	1/2	5/8
Each	\$0.16	.20	.26	.40

For Block, Inches.....	9	10	12
Sheave, Inches	5 1/2	6	7 1/2
Thickness, Inches	1 1/2	1 5/8	1 3/4
Hole, Inches	1 1/8	3/4	7/8
Each	\$0.50	.70	1.10

Open Stock.
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TACKLE BLOCKS

WOOD

WITHOUT BECKET

WITH BECKET



Single.



Double.



Triple.



Single.



Double.



Triple.

	3	4	5	6	7	8	9	10	12
Length of Block, In.	3	4	5	6	7	8	9	10	12
Sheaves, Inches	1 1/2 x 1/2 x 3/8	2 1/4 x 5/8 x 3/8	3 x 3/4 x 3/8	3 1/2 x 1 x 1/2	4 1/4 x 1 x 1/2	4 3/4 x 1 1/8 x 3/8	5 1/2 x 1 1/8 x 3/8	6 1/4 x 1 1/4 x 3/8	8 x 1 3/8 x 3/8
Diam. of Rope, In.	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2
Wt. Ea., Single, Lbs.	1	1 1/2	2 1/2	4	5 1/2	8 1/2	11	13 1/2	22 1/2
Single Each	\$0.63	.77	.81	1.00	1.17	1.50	1.67	2.48	4.00
Wt. Ea., Double, Lbs.	1 1/2	2 1/2	4 1/4	6 1/2	9	11 1/2	15	21	34
Double Each	1.17	1.44	1.58	1.80	2.16	2.57	3.06	4.05	6.75
Wt. Ea., Triple, Lbs.	2	3	5 1/2	9	11 1/2	13	21	28	47
Triple Each	1.58	1.95	2.03	2.60	3.15	3.83	4.28	5.62	9.60

Note—Furnished Either with or without Becket.

SINGLE

HARTZ STEEL
DOUBLE

TRIPLE



	4	5	6	8	9	10	12
Wrought Steel Shell, Best Quality Steel Straps, Steel Pins, Iron Sheaves, Iron Bushed, Safety Link Hooks, Japanned, with Becket.							
Length of Block, Inches	4	5	6	8	9	10	12
Sheave, Inches	2 1/4 x 1 1/8	2 3/4 x 7/8	3 1/4 x 1	4 3/4 x 1 1/4	5 1/2 x 1 1/2	6 x 1 5/8	7 1/2 x 1 3/4
Diameter of Rope, Inches	1 1/2	5/8	3/4	1	1 1/8	1 1/4	1 3/8
Weight Each, Single, Lbs.	1 1/4	3 3/4	4 1/2	10	14	18	27
Single Each	\$1.12	1.20	1.47	2.20	2.47	3.67	5.60
Weight Each, Double, Lbs.	2 3/4	4 1/2	6 1/2	14	20	27	38
Double Each	2.12	2.35	2.67	3.75	4.55	6.00	10.00
Weight Each, Triple, Lbs.	4	7	9 1/4	20	28	36	50
Triple Each	2.85	3.00	3.87	5.67	6.35	8.33	14.20

SINGLE DOUBLE Note—We can furnish the Hartz Steel Blocks also without the Safety Link Hook, if so desired, at same price.

TRIPLE

CLIMAX STEEL

Forged Steel Shell, Straps, Hooks and Pins, Iron Sheaves, Iron Bushed, Japanned, with Beckets.

	3	4	5	6	8
Length of Block, Inches	3	4	5	6	8
Sheave, Inches	1 1/4 x 1/2	2 1/4 x 1 1/8	2 3/4 x 7/8	3 1/4 x 1	4 3/4 x 1 1/4
Diameter of Rope, Inches	3/8	1/2	5/8	3/4	1
Weight Each, Single, Lbs.	7/8	1 1/4	2	3	6 3/4
Single Each	\$0.52	.57	.60	.73	1.10
Weight Each, Double, Lbs.	1 1/4	2	3 1/4	5	11 1/4
Double Each	.87	1.07	1.15	1.33	1.90
Weight Each, Triple, Lbs.	1 7/8	2 1/2	4 1/4	6 1/4	14 1/4
Triple Each	1.15	1.40	1.50	1.95	2.80

Open Stock.

SINGLE

Cut Shows
Guard.

TACKLE BLOCKS

HARTZ STEEL

DERRICK

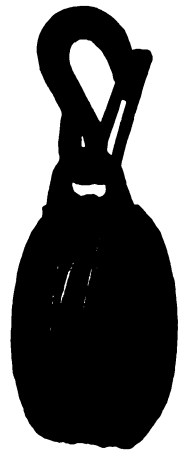
Wire Rope Derrick and Hoisting, Steel Shell, Self-Lubricating Bronze-Bushed Sheaves with Wide Beveled Flange, Self-Lubricating Graphite Bronze Bushings, Safety Link, Hook, Japanned.

Length of Block, Inches.....	12	18
Sheave, Inches.....	9 1/2 x 1 1/2	10 1/2 x 1 1/2
Diameter of Rope, Inches.....	3/4 and 1/2	1/2 and 3/4
Weight Each, Single, Lbs.....	27	33
★Single.....Each,	\$8.67	10.67
Weight Each, Double, Lbs.....	42	54
Double.....Each,	\$16.00	20.00
Weight Each, Triple, Lbs.....	55	72
Triple.....Each,	\$24.00	29.33

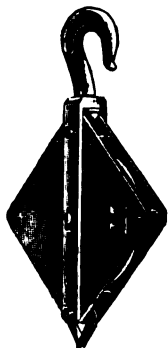
★Note—Single Block can be furnished with Guard to prevent tipping when used as a Lower Block when hoisting, at an extra charge of \$1.60.

Open Stock.

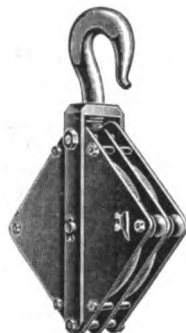
DOUBLE

ANVIL BRAND
FOR WIRE ROPE

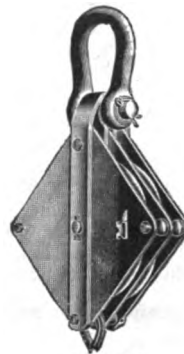
STIFF SWIVEL HOOKS



Single.

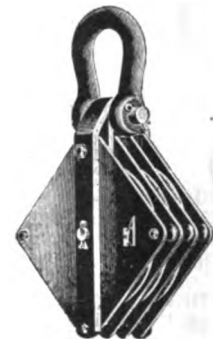


Double.



Double.

SHACKLES



Triple.

Wrought Iron, Diamond Shell, Iron Bushed, with Stiff Swivel Hooks or Shackles.

Sheaves, Inches.....	6x1x 3/4	8x1 1/4 x 3/4	10x1 1/4 x 7/8	12x1 1/4 x 1	14x1 1/2 x 1 1/8	16x1 3/4 x 1 1/4
For Rope, Diameter, Inches.....	3/4	1/2	5/8	5/8	3/4	7/8
Weight Each, Single, Lbs.....	17	23	33	47	65	91
Single.....Each,	\$5.40	7.20	9.00	10.80	12.60	19.35
Weight Each, Double, Lbs.....	21	27	50	75	100	147
Double.....Each,	\$9.90	11.70	18.50	15.30	17.10	27.90
Weight Each, Triple, Lbs.....	28	40	71	100	130	210
Triple.....Each,	\$12.60	14.00	18.00	21.70	23.40	35.55

Note—In ordering always state if Stiff Swivel Hook or Shackle is wanted.
Open Stock.

SNATCH BLOCKS

WOOD

Wood, Iron Strapped, Iron Bushed, Iron Sheaves, Self-Locking, Swivel Hooks.

Inches.....	6	7	8	10	12
Sheave, Inches.....	3x1 1/8	3 1/2 x 1 1/4	4 1/2 x 1 3/8	5 3/4 x 1 7/8	6 3/4 x 2 1/8
Diameter Rope, Inches.....	3/8	7/8	1	1 1/4	1 1/2
Weight, Lbs.....	5 1/2	7	13	16 1/2	31
Each.....	\$3.60	4.28	5.18	7.65	9.00

Open Stock.

HARTZ STEEL

Wrought Iron Hook and Strap, Steel Shell and Pin, Japanned, Automatic Locking Hook, Plain Iron Bushed.

Inches.....	7	8	10	12
Sheaves, Inches.....	3 1/2 x 1 1/4	4x1 1/2	5 1/2 x 1 7/8	7x2
Diameter Rope, Inches.....	3/4 to 1	1 to 1 1/4	1 1/4 to 1 3/4	1 1/2 to 1 3/4
Weight, Lbs.....	7	10	18	27
Each.....	\$5.25	6.35	9.35	11.00



Wood.



Hartz Steel.

TACKLE HOISTS

MILWAUKEE



No. 20.



No. 30.

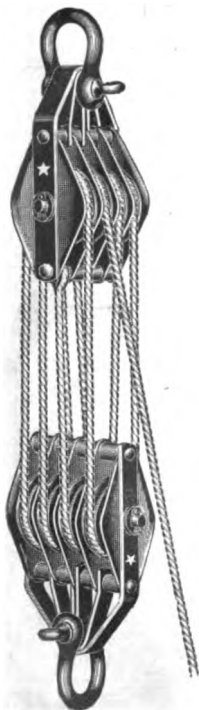
Best Malleable Iron, without Rope.

- Each
 No. 20—For $\frac{1}{2}$ inch Rope, Capacity 600 to 1500 Lbs.,
 One Man Can Lift 600 Lbs., Weight Each 7 Lbs. . . . \$3.00
 No. 30—For $\frac{3}{4}$ inch Rope, Capacity 600 to 2000 Lbs.,
 One Man Can Lift 600 Lbs., Weight Each 16 Lbs. . . . 5.00

Will hold load at any point without fastening the rope. It is quick lifting, quick lowering and light.

Made of Malleable Iron. Easy to operate, locks and unlocks with one rope. Can lift or lower the load at will.

AUTO BLOCKS



LITTLE GIANT

Forged Steel Blocks, Roller Bearing, without Rope.

All automobilists should have a set of Little Giant Auto Blocks included in their repair kits.

- Per Set
 No. 501—Little Giant Auto Blocks
 Consists of 2 Four Sheave
 Blocks with Iron Sheaves
 Equipped with Hardened Steel
 Roller Bearings, which Reduces
 Friction to a Minimum,
 Steel, Forged Steel Shackle At-
 tachment, for $\frac{1}{2}$ inch Rope,
 without Rope \$6.00

Weight Per Set 8 Pounds.

One pound pull on the rope of this set of blocks means about eight pounds pull on the object to be moved or lifted.

These Blocks are light and compact and not only handy for road emergencies, but are useful for lifting purposes in and around garages.

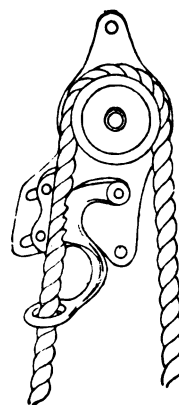
SAFETY HOISTS

HALL

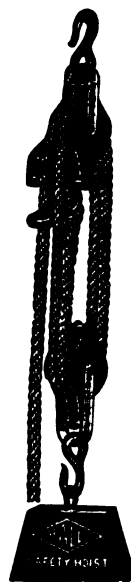
HALL CENTER-PULL



No. 5.



Sectional view illustrating Lock Shoe and Dog. Note the adjustment for different sized rope.



No. 6.

Steel Body Plates, Double Steel Straps, Forged Steel Hooks, Steel Pins, without Rope.

- Each
 No. 5—For $\frac{3}{8}$ inch Rope, Capacity 2500 Lbs., 2 Sheaves,
 One Man Can Hoist 600 Lbs., Weight Each 6 Lbs. . . \$3.70
 ★No. 6—For $\frac{3}{8}$ inch Rope, Capacity 4000 Lbs., 3
 Sheaves, One Man Can Hoist 650 Lbs., Weight Each
 9 Lbs. 4.00

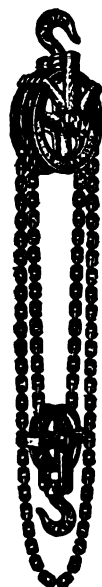
★No. 6 is adapted for heavy lifting. The center-pull equalizes the load so every sheave and rope is subject to equal strain. Reduces friction to a minimum, thereby increasing the lifting capacity one-third more.

The only hoist with an adjustable safety lock to fit various sizes of rope, new or worn. Holds the load at any point in a grip that cannot slip, even though rope is wet or greasy. A slight outward pull on the pull rope sets the lock, the load hangs suspended. An inward twitch on pull rope releases the lock. Hall Safety Hoist elevates, lowers, locks and unlocks with one rope only. There are no trip ropes to bother with.

CHAIN PULLEY BLOCKS

DIRECT DIFFERENTIAL

Each Block Thoroughly Tested.
 Complete Blocks.



Nos.	000	00	11
Capacity, Tons	$\frac{1}{4}$	$\frac{1}{2}$	1
Will Lift, Feet.	6	7	8
Regular Chain, Feet.	22	26	30
Shortest Distance Between Hooks, Inches.	17	21	26
Wt. with Chain, Lbs.	20	31	53
Each	\$18.00	21.00	28.00
Extra Chain..Per Foot, . . . . .	.70	.70	.75

Nos.	11 $\frac{1}{2}$	12	13
Capacity, Tons	1 $\frac{1}{2}$	2	3
Will Lift, Feet.	8 $\frac{1}{2}$	9	10
Regular Chain, Feet.	33	36	38
Shortest Distance Between Hooks, Inches.	32	39	44
Wt. with Chain, Lbs.	90	128	167
Each	\$36.00	45.00	60.00
Extra Chain..Per Foot, . . . . .	.80	.85	1.00

Allow four feet of chain for each additional foot of life.

Always Specify Direct Blocks when Ordering This Style.
 Order by Number.

The "Direct" Blocks are made to meet a demand for a low price where a high efficiency is not required. They are well made, of the best material, and the chains tested beyond their rated capacity.

CHAIN HOISTS

YALE TRIPLEX

"From Hook to Hook a Line of Steel."

The Strongest, Quickest and Easiest Hoist.

Yale Triplex Blocks are rated on a capacity basis of a long ton, 2240 lbs., and each block is tested at the factory with a 50 per cent overload of 3360 lbs. for each rated ton. Every detail in Yale Hoists is the result of careful research in the factory, laboratory and the most severe tests under service conditions. Its independent automatic load-sustaining device, operated entirely separate from its lifting mechanism, admits of 80 per cent of the power exerted by a man pulling on the hand chain being transformed into actual lifting energy.

Yale Steel Safety Hooks, Steel Suspension Members and Yale Steel Chain are some of the exclusive features of these blocks introduced to safeguard operators and loads.

The blocks are so planned that all capacities are made up of the four basic sizes, namely, $\frac{1}{2}$, 1, $1\frac{1}{2}$ and 2 ton. This simplifies the renewal of parts; for example, the 2 ton parts fit all sizes, 4 tons and larger.



$\frac{1}{2}$ to 2 Ton. 3 and 4 Ton.



5 to 10 Ton.

Rated Capacity in Tons 2240 Pounds to the Ton	Tested to in Tons 2240 Pounds to the Ton	Complete Block with Standard Hoist Each	Standard Hoist in Feet*	Extra - Hoist per Foot†	Minimum Distance Between Hooks Inches	Net Weight Lbs.	Gross Weight Lbs.	Chain Handled to Lift Load One Foot Feet	Chain Pull to Lift Full Load Lbs.
$\frac{1}{2}$	$\frac{3}{4}$	\$ 63.00	8	\$1.62	15	58	70	21	62
1	$1\frac{1}{2}$	81.00	8	1.71	17	91	107	31	82
$1\frac{1}{2}$	$2\frac{1}{4}$	108.00	8	1.80	$19\frac{1}{2}$	131	151	35	110
2	3	126.00	9	1.89	24	200	236	42	120
3	$4\frac{1}{2}$	162.00	10	2.70	32	206	250	70	114
4	6	198.00	10	2.88	37	293	350	84	124
5	$7\frac{1}{2}$	252.00	12	3.77	45	407	478	126	110
6	9	300.00	12	3.77	46	407	478	126	130
8	12	360.00	12	4.86	51	497	573	168	135
10	15	432.00	12	5.85	57	606	696	210	140

*Figures denote height in feet which blocks with regular lengths of chain will hoist above level on which operator stands.

†"Extra Hoist Per Foot" includes sufficient hand and load chain to increase the travel of the lower hook 1 foot.

‡On basis of 2000 lbs. to the ton.

The chains and working parts of all Triplex Blocks from 4 to 10 ton capacity are interchangeable with 2 ton size. The increased capacity and strength is obtained by multiplying sheaves with heavy yokes and hooks.

MOORE ANTI-FRICTION DIFFERENTIAL

With Automatic Brake. A Perfect Lock.

The heaviest load may be lowered by a slight pull on the hand chain, a few pounds only, and yet is held with perfect safety at every point. The brake may be readily adjusted to lower more or less freely, or to take up wear. The lifting mechanism is simple and powerful. A perpetual compound lever, the highest efficiency; the greatest durability; light, compact and strong. With the sizes up to three tons, inclusive, one man, and with the larger sizes, two men, can lift to the full capacity of the Hoist. The load is self-sustained at every point. All working parts protected from weather and dust. The Hoist always hangs plumb.

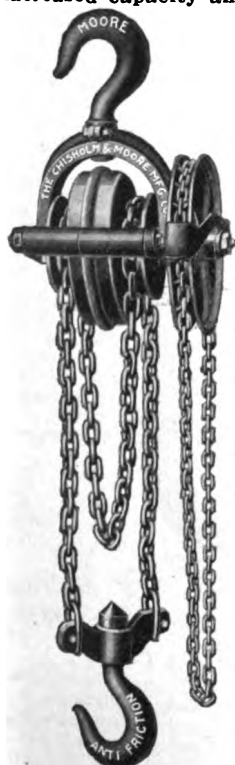
Complete Blocks.

Nos.	Capacity Tons	Price Complete with Chain	Extra Main Chain per Foot	Extra Hand Chain per Foot	Extra per Foot of Lift	Height of Lift Feet †	Weight Complete with Chains, Pounds	Shortest Distance Between Hooks Inches
0	$\frac{1}{2}$	\$ 40.00	\$0.64	\$0.40	\$2.08	8	55	17 1/2
1	1	48.00	.70	.40	2.20	8	80	21
$1\frac{1}{2}$	$1\frac{1}{2}$	64.00	.78	.40	2.34	8	94	21 1/2
2	2	90.00	.84	.40	2.46	9	126	24
3	3	112.00	.96	.40	2.82	10	190	28
4	4	152.00	1.12	.40	3.04	11	240	29
5	5	200.00	1.28	.40	3.36	12	358	34 1/2
6	6	240.00	1.28	.40	3.36	12	400	37
8	8	320.00	2.00	.40	4.80	12	580	41
10	10	400.00	2.00	.40	5.60	12	625	41
15	15	560.00	2.40	.40	6.40	12	780	45

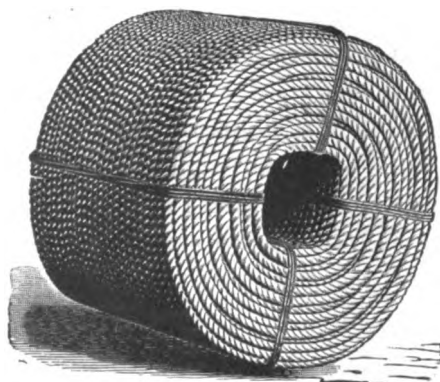
†Figures in seventh column denote approximate height which blocks, with regular lengths of chain will lift from level on which operator stands.

For every additional foot of lift desired, two feet extra of both main and hand chain will be necessary.

Order by number.



ROPE



COLUMBIA SISAL

Strictly Pure.

	Per Pound
$\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 and 1 $\frac{1}{4}$ inch Diameter.....	Base, \$.....
$\frac{1}{8}$, $\frac{1}{2}$ and $\frac{3}{8}$ inch Diameter.....	Advance Over Base, .00 $\frac{1}{2}$
$\frac{3}{8}$ inch Diameter.....	Advance Over Base, .01
$\frac{1}{4}$ and $\frac{5}{8}$ inch Diameter.....	Advance Over Base, .01 $\frac{1}{2}$
$\frac{3}{8}$ inch Diameter.....	Advance Over Base, .02

COLUMBIA MANILA

Strictly Pure.

	Per Pound
$\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$ and 2 $\frac{1}{2}$ inch Diameter.....	Base, \$.....
$\frac{1}{8}$, $\frac{1}{2}$ and $\frac{3}{8}$ inch Diameter.....	Advance Over Base, .00 $\frac{1}{2}$
$\frac{3}{8}$ inch Diameter.....	Advance Over Base, .01
$\frac{1}{4}$ and $\frac{5}{8}$ inch Diameter.....	Advance Over Base, .01 $\frac{1}{2}$
$\frac{3}{8}$ inch Diameter.....	Advance Over Base, .02

EUREKA SISAL

Good Quality.

	Per Pound
$\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 and 1 $\frac{1}{4}$ inch Diameter.....	Base, \$.....
$\frac{1}{8}$, $\frac{1}{2}$ and $\frac{3}{8}$ inch Diameter.....	Advance Over Base, .00 $\frac{1}{2}$
$\frac{3}{8}$ inch Diameter.....	Advance Over Base, .01
$\frac{1}{4}$ and $\frac{5}{8}$ inch Diameter.....	Advance Over Base, .01 $\frac{1}{2}$
$\frac{3}{8}$ inch Diameter.....	Advance Over Base, .02

EUREKA MANILA

Good Quality.

	Per Pound
$\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$ and 2 $\frac{1}{2}$ inch Diameter.....	Base, \$.....
$\frac{1}{8}$, $\frac{1}{2}$ and $\frac{3}{8}$ inch Diameter.....	Advance Over Base, .00 $\frac{1}{2}$
$\frac{3}{8}$ inch Diameter.....	Advance Over Base, .01
$\frac{1}{4}$ and $\frac{5}{8}$ inch Diameter.....	Advance Over Base, .01 $\frac{1}{2}$
$\frac{3}{8}$ inch Diameter.....	Advance Over Base, .02

 $\frac{7}{8}$ inch and Larger Put up in Half Coils. We do not Cut Coils.

APPROXIMATE WEIGHT, LENGTH AND STRENGTH OF MANILA ROPE

Diameter, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Average Weight Per Coil, Lbs.....	35	45	55	65	75	85	110	140	170
Weight of 100 Feet, Lbs.....	1 $\frac{3}{4}$	2 $\frac{1}{2}$	3	4	5 $\frac{1}{2}$	7 $\frac{1}{2}$	10	13 $\frac{1}{4}$	17
Length of One Pound, Feet.....	60	40	33	24	19	13 $\frac{1}{2}$	10	7 $\frac{1}{2}$	6
Strength of New Manila.....	540	780	1000	1275	1560	2250	3060	4000	5000
Diameter, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Average Weight Per Coil, Lbs.....	240	275	460	640	835	1150	1800	2200	
Weight of 100 Feet, Lbs.....	25	30	46 $\frac{1}{2}$	75	100	133	150	187	
Length of One Pound, Feet.....	4	3 $\frac{1}{2}$	2 $\frac{1}{6}$	1 $\frac{1}{2}$	1	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{1}{2}$	
Strength of New Manila.....	7500	9000	16000	22500	30250	39000	49000	69000	

Manila is About Twenty-five Per Cent Stronger than Sisal.

COTTON



	Per Pound
$\frac{1}{4}$ Inch—White Cotton Rope on Reels of About 30 Lbs.....	\$0.22
$\frac{3}{8}$ Inch—White Cotton Rope on Reels of About 30 Lbs.....	.22

LATH YARN



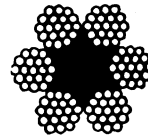
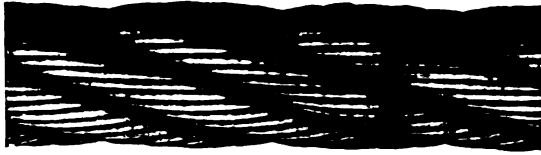
	Per Pound
No. 180—Tarred Sisal, 130 Strands.....	\$.....
No. 200—Tarred Sisal, 200 Strands.....	\$.....
About One Hundred Pounds in a Coil.	

TARRED MARLIN

	Per Pound
Tarred Marlin—In Coils of About 25 Lbs.....	\$.....

WIRE ROPE

SWEDES IRON HOISTING

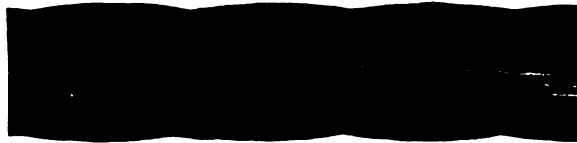


Best Quality Swedes Iron Wire, Soft and Pliable, 6 Strands, 19 Wires to the Strand, Hemp Center.

Used for all hoisting and running service. Particularly adapted for freight and passenger elevators.

Diameter, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Approximate Circumference, In..	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	$2\frac{3}{4}$	3
Approx. Breaking Strain in Tons.	1.1	1.5	2.4	2.9	3.9	4.7	6.0	8.5	11.8
Estimated Weight Per Foot, Lbs.	0.10	0.15	0.22	0.30	0.39	0.50	0.62	0.89	1.20
Per Foot	\$0.06 $\frac{1}{2}$	.06 $\frac{3}{4}$	.07	.07 $\frac{1}{2}$	.08 $\frac{1}{2}$	.10	.12	.16	.20
									.26

CRUCIBLE CAST STEEL HOISTING



Best Quality Crucible Cast Steel Wire, 6 Strands, 19 Wires to the Strand, Hemp Center.

Adapted to a great variety of uses, in mines, logging, on elevators, derricks, hay presses, dredges, inclined planes, cableways, as drilling lines, etc.

Diameter, Inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Approximate Circumference, In..	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	$2\frac{3}{4}$	3
Approx. Breaking Strain in Tons.	2.2	3.1	4.8	6.5	8.4	10.0	12.5	17.5	23.0
Estimated Weight Per Foot, Lbs.	1.10	1.15	0.22	0.30	0.39	0.50	0.62	0.89	1.20
Per Foot	\$0.09	.09 $\frac{1}{4}$	.09 $\frac{1}{2}$	.10	.11	.12	.14	.19	.24
									.31

STANDARD WROUGHT IRON PIPE

List Adopted January 1, 1913.
For Steam, Gas and Water.

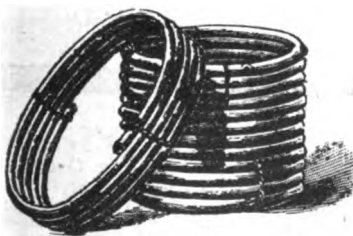
In Random Lengths of 16 to 22 feet, Threaded and Coupled.

Inside Diameter, Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{4}$	3
Thickness, Inches .....	.088	.091	.109	.113	.133	.140	.145	.154	.203	.216
Threads Per Inch	18	18	14	14	$11\frac{1}{2}$	$11\frac{1}{2}$	$11\frac{1}{2}$	$11\frac{1}{2}$	8	8
Weight Per Foot, Lbs. ....	.424	.567	.850	1.13	1.67	2.27	2.71	3.65	5.79	7.58
Black	Per Foot, \$0.06	.06	.08 $\frac{1}{2}$	.11 $\frac{1}{2}$	.17	.23	.27 $\frac{1}{2}$	.37	.58 $\frac{1}{2}$	.76 $\frac{1}{2}$
Galvanized	Per Foot, .06	.06	.08 $\frac{1}{2}$	.11 $\frac{1}{2}$	.17	.23	.27 $\frac{1}{2}$	.37	.58 $\frac{1}{2}$	.76 $\frac{1}{2}$

Black Discount Galvanized Discount

Note—Unless otherwise ordered, Black Pipe, Random Lengths, with Threads and Couplings, will be shipped. For Cut Lengths, an extra charge will be made above Random Lengths. Also an additional charge for Cutting and Threading.

LEAD PIPE



One Inch, Extra Light.

Inside Diameter, Inches	1
Average Weight Per Foot, Lbs.	2
In 85 Foot Coils	Per Pound, Write
In Cut Lengths	Per Pound, for
Extra—For Wrapping	Per Coil, Prices

WATER CONDUCTORS



Cast Body, Japanned, Swivel Bail Attachment.

For Pipe, Inches	$1\frac{1}{4}$	$1\frac{1}{2}$
Weight Each, Lbs.	4	4
Each	\$0.40	.40

Constructed with a swivel attachment which permits the conductor to be turned after hung on pipe, so as to carry the pipe in any direction from the pump.

CISTERN PUMPS

PITCHER SPOUT



Revolving Closed Top, Cut-Off Base, Painted.

Nos.	1	2	3	4
Diameter of Cylinder, Inches.	2 1/2	3	3 1/2	4
Diameter of Suction Pipe, In.	1 1/4	1 1/4	1 1/4	1 1/2
Capacity Per Stroke, Gallons.	1 1/12	1 1/8	1 1/6	1 1/5
Weight Each, Lbs.	21	22	26	29
Each	\$2.00	2.25	2.60	3.00

Fitted for Iron and Lead Pipe.

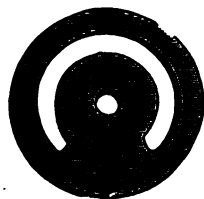
PUMP REPAIRS

For Pump Nos.	1	2	3	4
Plungers Complete	Each, \$0.75	.75	.85	1.00
Galv. Soldering Tubes	Each, .25	.25	.25	.30
Barrels	Each, 1.25	1.85	1.50	1.75
Caps	Each, .50	.50	.60	.70
Bases	Each, .85	.85	1.00	1.25
Handles	Each, .50	.50	.50	.60
Cast Coupling Nuts	Each, .40	.40	.40	.50

In Ordering Repairs, Always Give Number of Pump.

PUMP LEATHERS

VALVES



Nos. 01 to 03.

Nos.	01	02	03
Outside Dia. Leath., In.	3	3 1/2	4
For Cylinder, Inches.	2 1/2	3	3 1/2
Per Dozen	\$1.20	1.40	1.90

Average Weight Per Dozen 1/2 Pound.

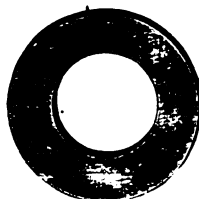
One Dozen in a Carton.

PLUNGERS

Nos.	1	2	3
Outside Dia. Leath., In.	3	3 1/2	4
For Cylinder, Inches.	2 1/2	3	3 1/2
Per Dozen	\$1.20	1.40	1.90

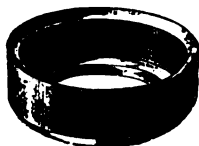
Average Weight Per Dozen 1/2 Pound.

One Dozen in a Carton.



Nos. 1 to 3.

CUP LEATHERS

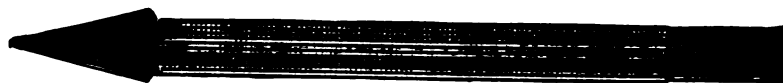


Nos.	10	20	30	40	50
Outside Diam., In.	1 1/4	1 1/2	1 3/4	2	2 1/4
Per Dozen	\$0.80	.90	1.10	1.20	1.40
Nos.	60	70	80	85	90
Outside Diam., In.	2 1/2	2 3/4	3	3 1/4	3 1/2
Per Dozen	\$1.70	1.90	2.20	2.50	3.20

Average Weight Per Dozen 3/4 Pound.

One Dozen in a Carton.

DRIVE WELL POINTS



Made of Galvanized Wrought Iron Pipe, Covered with Brass Wire Gauze.

Nos.	90	94	98
Inside Diameter of Pipe, In.	1 1/4	1 1/4	1 1/4
Length of Point, Inches.	24	30	36
Length of Jacket, Inches.	18	24	30
Square Inches of Openings.	20	26 1/2	33
Ave. Weight Per Dozen, Lbs.	63	75	90
60 Gauge	Each, \$1.65	2.15	2.55
90 Gauge	Each, 2.75	3.45	4.15

These Points are made from the best quality pipe and are punched with elliptical-shaped holes of uniform size, equal distance apart.

RUBBER BUCKETS

VICTOR



In Use.

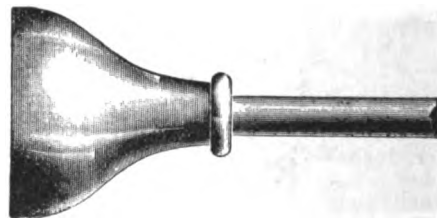


Rubber Turned Back.

For Chain Pumps.

Victor—Best Quality White Rubber, Galvanized Malleable Iron Links, Adjustable Thumb Nut. \$1.60
 Weight Per Dozen 15 Pounds.
 Open Stock.

SUCTION PUMPS



No. 10—Seamless Rubber Cup, 4 inch Diameter, 42 inch Wood Handle \$6.50

The occasional use of this Pump will keep the sink trap free from all refuse matter and will instantly clean wash bowl, urinal or water closet, without taking them apart.

Weight Per Dozen 12 Pounds.
 Open Stock.

VACUUM FORCE PUMPS

ROSE DOUBLE ACTION



Each

Rose Double Action—26 inches Long Over All, Double Brass Plunger, Double Cup Washer, 1 1/4 inch Outside Diameter, 18 Gauge Heavy Seamless Brass Cylinder, Heavy Brass Top and Base, 3/8 inch Tool Steel Plunger Rod and Handle, 16 inch Stroke, 4 1/2 inch Diameter at Base, First Grade Heavy Flexible Rubber Cup \$4.00

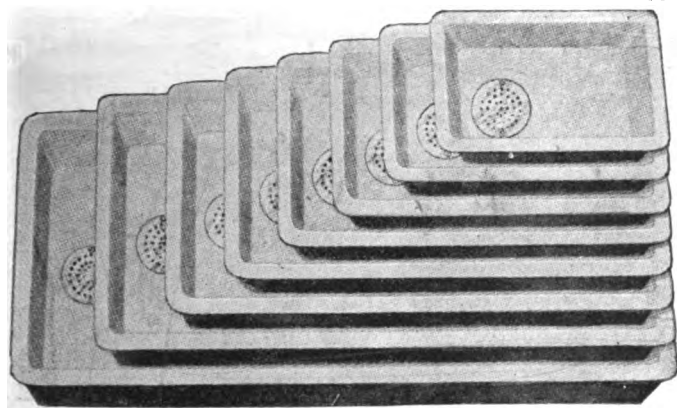
Made for heavy work and will open any stoppage in your plumbing.

Weight Each 3 1/2 Pounds.

One in a Carton.

SINKS

CAST IRON



No. G270—Round Corners, Depth 6 inches, Nickel Plated Strainers.

Size, Inches	12x18	14x20	16x20	16x24	16x28	16x30
Painted Each,	\$1.25	1.50	1.70	1.90	2.10	2.25
White Enam. Each,	2.40	3.00	3.15	3.25	3.75	3.90

Size, Inches	18x24	18x30	18x36	20x24	20x30	20x36
Painted Each,	\$2.10	2.50	3.25	2.40	3.00	3.70
White Enam. Each,	3.50	4.25	4.75	3.75	4.50	5.25

Size, Inches	20x40	20x42	20x48	22x42	22x48
Painted Each,	\$4.00	4.25	5.25	4.75	5.75
White Enam. Each,	5.75	6.00	6.75	6.25	7.50

No. G269—Round Corners, Depth 6 inches. No. G269½—Improved Strainer and Waste Connection.

Size, Inches	16x24	18x30	20x30	20x36	20x40
Painted Each,	\$2.15	2.75	3.25	3.95	4.25
White Enam. Each,	3.50	4.50	4.75	5.50	6.00

SINK STRAINERS AND WASTE CONNECTIONS

No. G269½—Improved Sink Strainer and Waste Connection	Each	\$1.50
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SINK COUPLINGS



No. G326.

No. G326—Cast Iron, Bolts to Bottom of Sink, for Lead Pipe	Each	\$0.15
No. G328—Cast Iron, Bolts to Bottom of Sink, Lower End Threaded on Inside for 1¼ or 1½ inch Iron Pipe	Each	.40

SINK STRAINERS

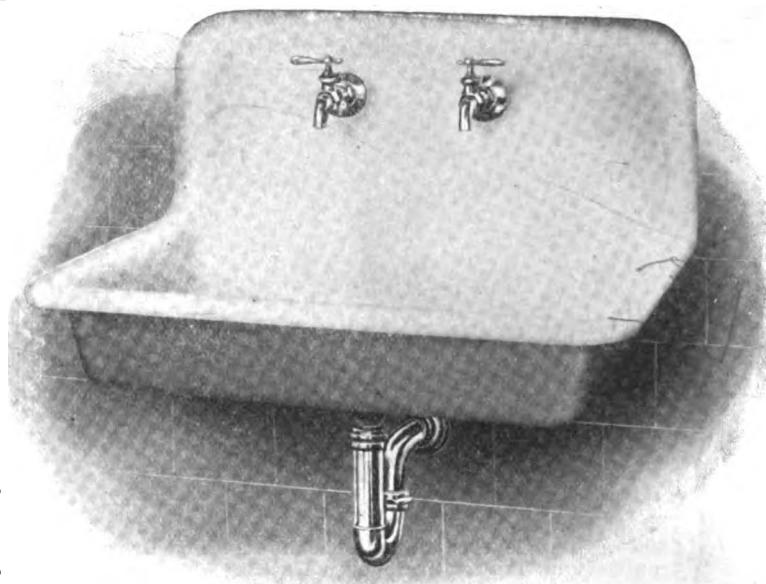


No. G338 — Brass, Nickel Plated	Per Dozen	\$3.50
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SINK BOLTS



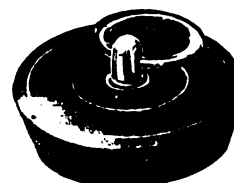
No. 9—1 inch, Short Brass, Nickel Plated, with Iron Nut	Per Dozen	\$0.20
No. 10—¾x2 inch, Long Iron, Nickel Plated, with Two Iron Nuts	Per Dozen	.30



No. G170—Porcelain Enameled Roll Rim Sink and Back, All in One Piece, Supported on Concealed Wall Hangers, Nickel Plated Improved Strainer.

Size, Inches	18x30
Height of Back, Inches	12
Each	\$9.00

BASIN STOPPERS



	Concave, Rubber.			
Inches	1	1¼	1½	1¾
Per Dozen	\$1.00	1.10	1.20	1.45

BASIN AND BATH SUCTION STOPPER



Rubber.

No. 1—Basin Stoppers	Per Dozen	\$1.50
No. 2—Bath Stoppers	Per Dozen	1.90

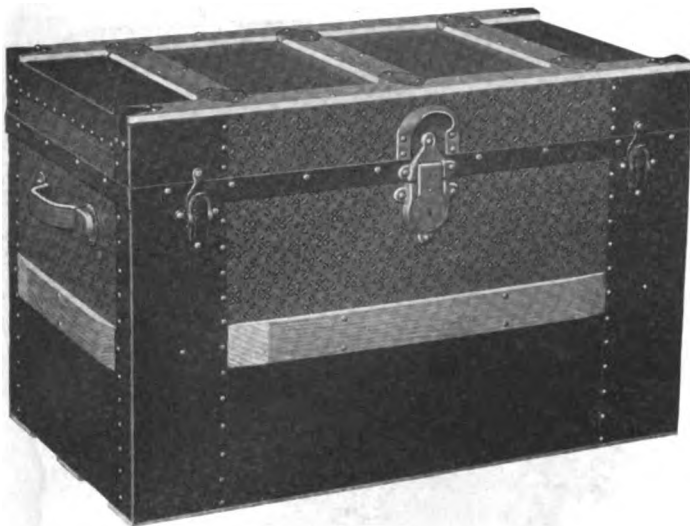
WELL WHEELS

No. 1—Japanned Iron, Swivel Hook.



Diameter, Inches.	8	10
Per Dozen	\$5.50	6.50
Diameter, Inches.	12	14
Per Dozen	\$8.00	12.00

TRUNKS



No. 1306—Metal Covered, Japanned Iron Binding, Brass Lock, Iron Bottom, Tray with Covered Hat Box.

Sizes	26	28	30	32	34	36
Each	\$4.00	4.50	5.00	5.50	6.00	6.50



No. 1343—Canvas, Embossed Metal, Japanned Iron Binding, Brass Plated Steel Trimming, Leather Straps.

Sizes	28	30	32	34	36
Each	\$6.00	6.50	7.00	7.50	8.00



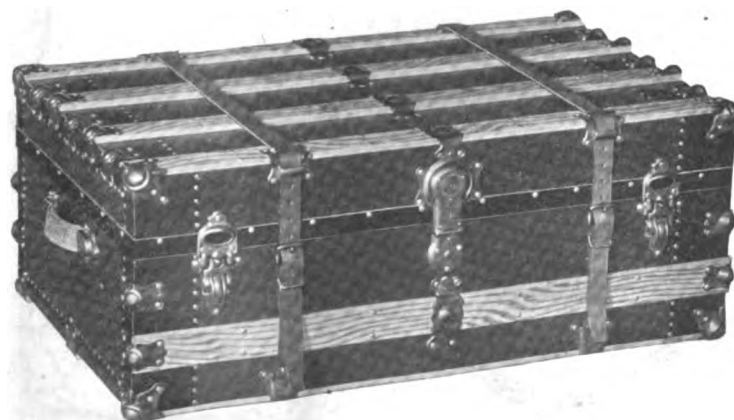
No. 1505—Canvas Trunk, Japanned Iron Bound, Hoop Steel Center Band, Brass Plated Steel Trimmings, Tray with Covered Hat Box.

Sizes	28	30	32	34	36	38
Each	\$7.50	8.00	8.50	9.00	9.50	10.00



No. 1420—Covered with Circassian Walnut, Finished Iron, Japanned Iron Binding, Brass Plated Steel Trimmings, Covered Tray, Fancy Paper Lined.

Sizes	32	34	36	38
Each	\$10.00	10.50	11.00	11.50



No. 1710—Canvas Covered Steamer Trunk, Japanned Iron Binding, Brass Plated Steel Trimmings, Covered Tray, Fancy Paper Lined.

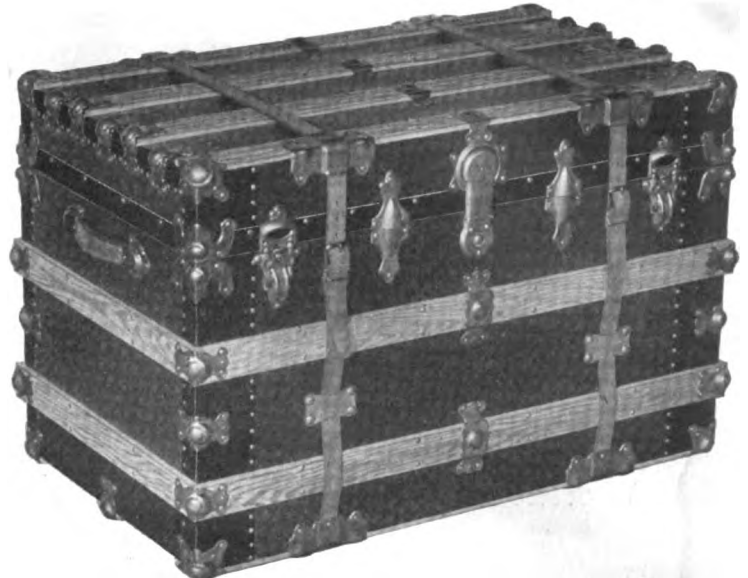
Sizes	32	34	36	38
Each	\$10.00	10.50	11.00	11.50

TRUNKS



No. 1507—Canvas Covered, Japanned Iron Binding, Brass Plated Steel Trimmings, Leather Straps, Tray with Covered Hat Box.

Sizes	32	34	36	38
Each	\$10.00	10.50	11.00	11.50



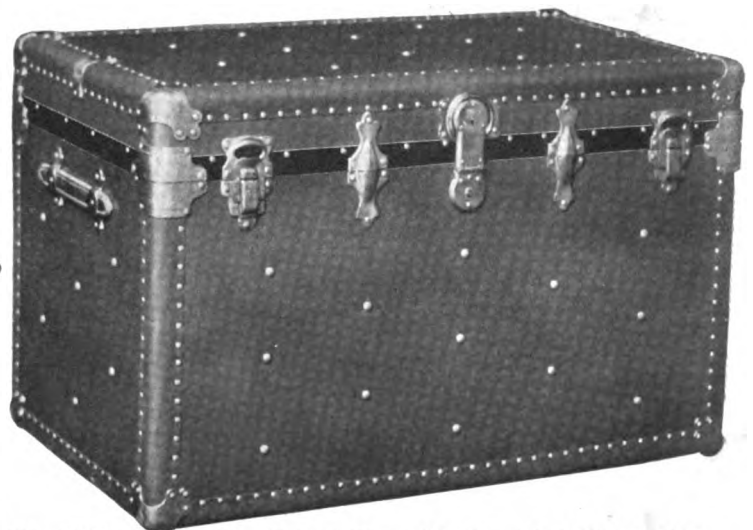
No. 1545—Canvas Covered, Japanned Iron Bound, Brass Plated Steel Trimmings, Leather Straps, Covered Tray, Extra Dress Tray, Fancy Paper Lined.

Sizes	32	34	36	38	40
Each	\$13.00	13.50	14.00	14.50	15.00



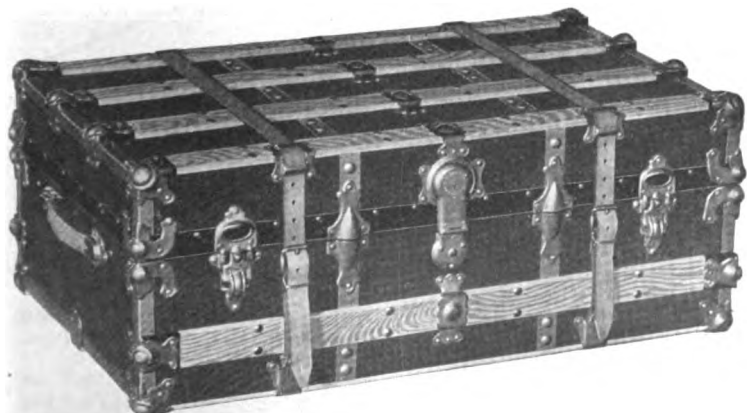
No. 1472—Rounded Edges on Top, Covered with Heavy Sheet Steel, Imitation Spanish Leather, Bronzed Plated Angle Iron Binding and Center Band, Brass Plated Steel Trimmings, Covered Tray, Extra Dress Tray, Fancy Paper Lined.

Sizes	34	36	38
Each	\$15.00	16.00	17.00



No. 1234—Three Ply Veneer Box with Rounded Edges, Covered and Bound with Vulcanized Fibre, Brass Plated Steel Trimmings, Covered Tray, Extra Dress Tray, Fancy Paper Lined.

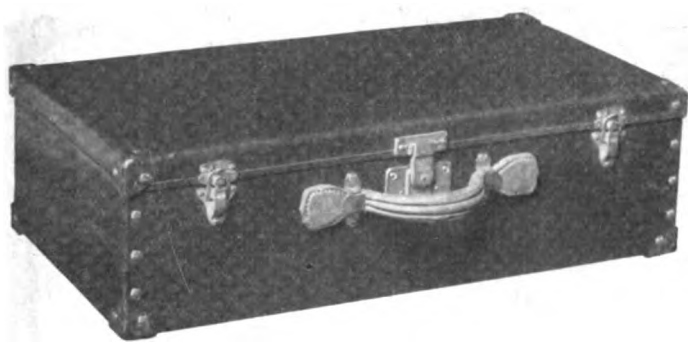
Sizes	34	36	38	40
Each	\$18.00	19.00	20.00	21.00



No. 1719—Steamer Trunk, Covered with Black Enameled Iron, Bronzed Hoop Steel Binding and Center Bands, Brass Plated Steel Trimmings, Open Tray, Removable Partition in Body of Trunk, Cloth Lined.

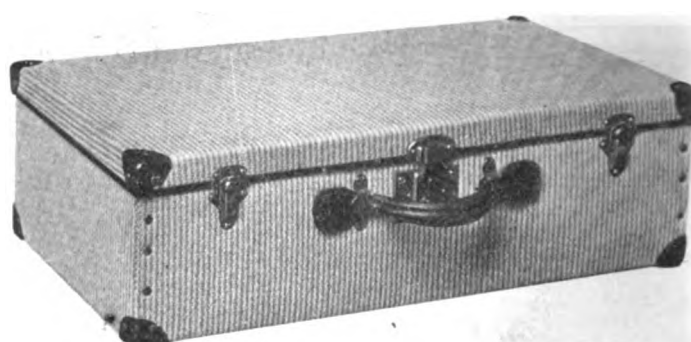
Sizes	34	36	38
Each	\$14.50	15.50	16.50

SUIT CASES



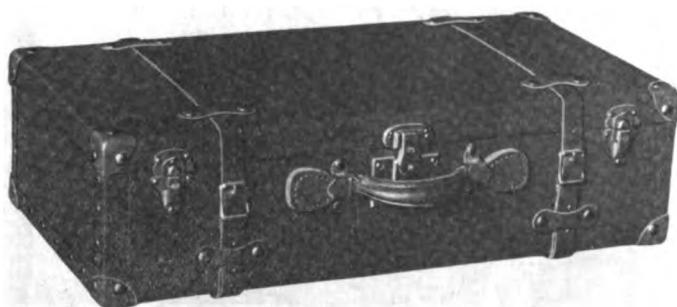
No. 2241—Brown Fibre Suit Case, Japanned Steel Frame in Top, Steel Corners, Anchor Handle.

Size	24
Inches	24x12 1/4 x6 3/4
Per Dozen	\$11.00



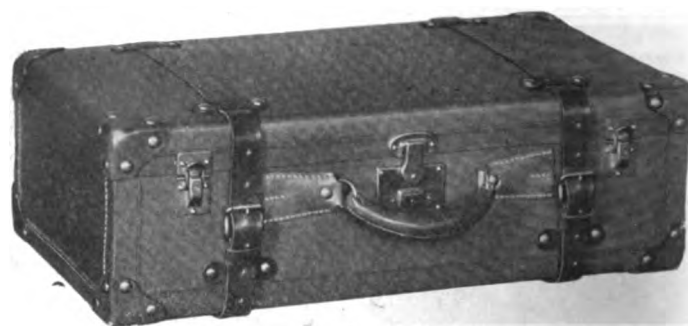
No. 2240—Matting Fibre Suit Case. Japanned Steel Frame in Top, Steel Corners, Anchor Handle.

Size	24
Inches	24x12 1/4 x6 3/4
Per Dozen	\$22.50



No. 2247—Brown Fibre Suit Case with Leather Straps, Japanned Steel Corners, Anchor Handle, Fancy Paper Lined.

Sizes	24	26
Inches	24x12 1/4 x6 1/2	26x12 3/4 x7
Per Dozen	\$31.20	\$38.60



No. 2258—Black and Brown, Strong Fibre Suit Case with Heavy Leather Straps, Scalloped Corners, Stitched Ring Handle, Fancy Cloth Lined, Shirt Fold.

Sizes	24	26
Inches	24x12 3/4 x7	26x13 1/4 x7 1/2
Per Dozen	\$63.00	\$66.00



No. 2267—Fibre Matting Suit Case with Heavy Leather Straps, Steel Corners, Fancy Cloth Lined, Ruffled Pockets.

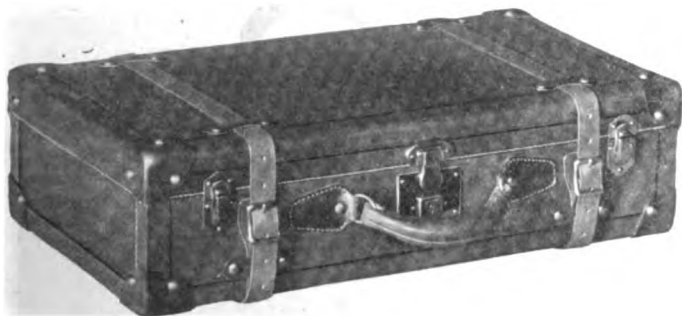
Sizes	24	26
Inches	24x12 1/4 x6 1/4	26x12 3/4 x6 3/4
Per Dozen	\$42.00	45.00



No. 2233—Very Durable Keratol Suit Case, Walrus Grain, Scalloped Corners, Heavy Leather Straps, Cretonne Lined, Ruffled Shirt Fold.

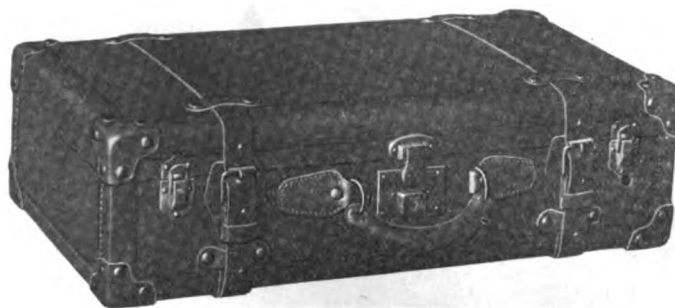
Sizes	24	26
Inches	24x12 3/4 x7 1/4	26x13 1/4 x7 3/4
Per Dozen	\$78.00	\$84.00

SUIT CASES



No. 2355—Brown, Light Weight Cowhide Suit Case, Large Corners, Grain Leather Straps, Cloth Lined, Shirt Fold.

Sizes	24	26
Inches	24x12 3/4 x6 1/2	26x13 1/4 x7
Each	\$11.00	11.50



No. 2404—Brown Cowhide Suit Case, Scalloped Corners, Polished Brass Trimmings, Grain Leather Straps, Cloth Lined, Shirt Fold.

Sizes	24	26
Inches	24x12 3/4 x6 3/4	26x13 1/4 x7 1/4
Each	\$16.50	17.50

TRAVELING BAGS



No. 3300—Seal Pebbled Leather Oxford, Japanned Frame, Steel Corners, Cloth Lined, Inside Pocket.

Sizes	16	18
Each	\$2.40	2.60



No. 3312—Brown and Black, Large Oxford, Heavy Fibre, Japanned Frame, Push Lock, Claw Catches, Leather Corners, Fancy Cloth Lined.

Sizes	16	18
Each	\$3.80	4.20



No. 3202—Black, Three Piece Oxford, Heavy Keratol Embossed walrus, Japanned Frame, Stitched Leather Corners, Cretonne Lined, Inside Pocket.

Sizes	16	18
Each	\$3.50	3.80



No. 3311—Black, Large Oxford, Heavy Walrus Grain Keratol, Covered Frame, Double Handles, Leather Corners, Cretonne lined, ruffled pocket.

Sizes	16	18	20
Each	\$5.30	5.70	6.10

TRAVELING BAGS



No. 3350—Black, Large Oxford Walrus Grain Cowhide Covered Frame, Riveted Leather Corners, Cretonne Lined, Pocket.

Sizes	16	18	20
Each	\$7.50	8.00	8.50



No. 3330—Black and Brown, Large Oxford Smooth Finished Cowhide Covered Frame, Mat Gold Finished Trimmings, Large Leather Corners, Keratol Lined, Pocket.

Sizes	16	17	18
Each	\$11.00	11.50	12.00



No. 3349—Large Oxford Best Quality Crepe Grain Bag Leather, Leather Covered Frame, Leather Lined, Stitched Corners, Three Inside Pockets.

Sizes	18	20
Each	\$19.00	21.00



No. 3449—Black, Three Piece Oxford Crepe Grain Cowhide, Hand Stitched Frame, Leather Lined, Inside Pocket.

Sizes	17	18	19
Each	\$15.00	16.00	17.00



No. 3400—Brown and Black, Heavy Smooth Finished Cowhide, Hand Stitched Frame, Stitched Corners, Leather Lined, Inside Pocket.

Sizes	18	20
Each	\$24.00	26.00



No. 3465—Black, Large Three Piece Oxford, Selected Crepe Grain Bag Leather, Hand Stitched Frame, Leather Lined, Three Pockets.

Sizes	18	20
Each	\$27.00	29.00

DEPARTMENT NO. 5

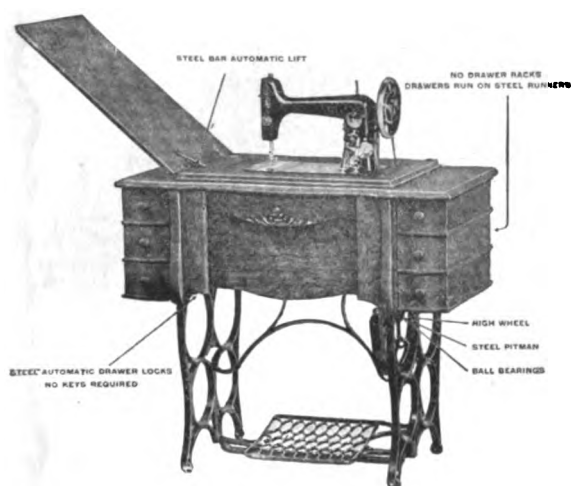
HOUSE FURNISHING GOODS

SEWING MACHINES, REFRIGERATORS, COOLERS,
FREEZERS, ICE TONGS AND PICKS, CAN OPENERS,
CORKSCREWS, FAUCETS, MINCING KNIVES AND
CLEAVERS, MEAT AND FOOD CHOPPERS, FRUIT
PRESSES, COFFEE MILLS, SCALES, FLOWER POT
STANDS, BIRD CAGES, CALL BELLS, THERMOME-
TERS, JACK CHAIN, PICTURE CORD AND NAILS,
CURTAIN RODS, CURLING IRONS, BATH ROOM
FIXTURES, WASHING MACHINES, WRINGERS,
WASH BOARDS, SAD IRONS, WOODEN WARE,
STEP LADDERS, TRAPS, STOVE POLISH, BRUSHES,
WIRE GOODS, CAST HOLLOW WARE, ETC., ETC.

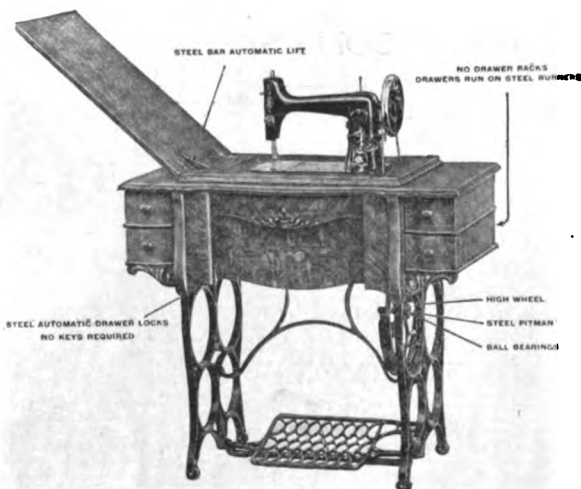
Wm. Frankfurth Hardware Co.
MILWAUKEE

SEWING MACHINES

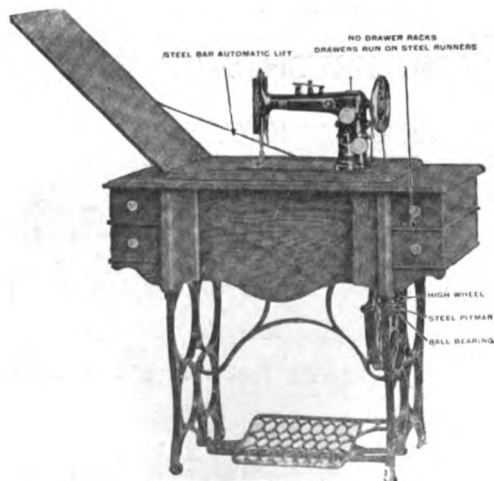
DIAMOND



No. 626.



Strictly High Arm, 5 1/4 inch Under Arm. Each
 No. 625—4 Drawers, Drop Head, Steel Bar Automatic Lift, Panel Front, Full Quarter Sawed Oak Case and Veneer, Hand Rubbed Mirror Like Varnish Finish, Complete with Set of Attachments, Weight Crated 120 Lbs. \$34.50



Strictly High Arm, 5 1/4 inch Under Arm. Each
 No. 645—4 Drawers, Drop Head, Steel Cable Automatic Lift, Panel Front, Solid Oak Case, Built-up Veneered Top or Lid, Golden Oak Finish, Complete with Set of Attachments, Weight Crated 120 Lbs. \$26.40

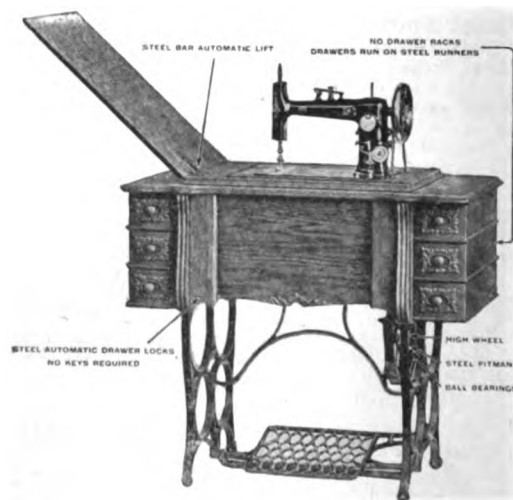
All Above, One in a Crate.

Nos. 626, 625, 736 and 645 Machines Have Automatic Lift.

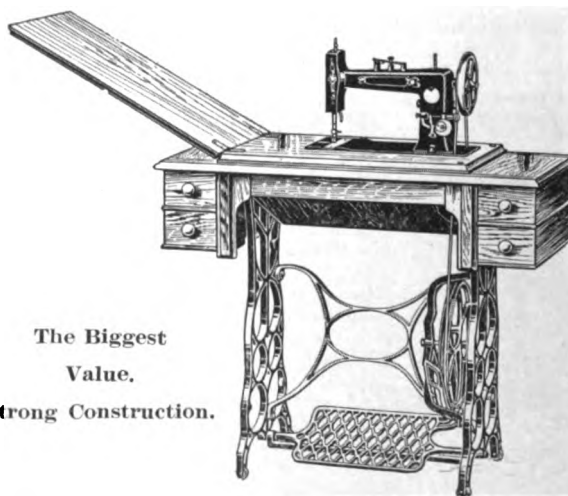
Ball Bearings, Long Steel Pitman French Leg Stand, High Balance Wheel, no Drawer Racks, Drawers Run on Steel Runners, Drawers Lock and Unlock Automatically, no Keys Required.

Our Machines are complete with best sets of Nickel Plated Steel Attachments, Accessories and Instruction Book, and are guaranteed for ten years.

No. 626—6 Drawers, Drop Head, Steel Bar Automatic Lift, Panel Front, Full Quarter Sawed Oak Case and Veneer, Hand Rubbed Mirror Like Finish, Complete with Set of Attachments, Weight Crated 120 Lbs. \$36.50



Each
 No. 736—6 Drawers, Drop Head, Steel Bar Automatic Lift, Solid Oak Case, with Veneered Lid or Cover, High Luster Gloss Polish, Artistic Design, Complete with Set of Attachments, Weight Crated 120 Lbs. \$30.00



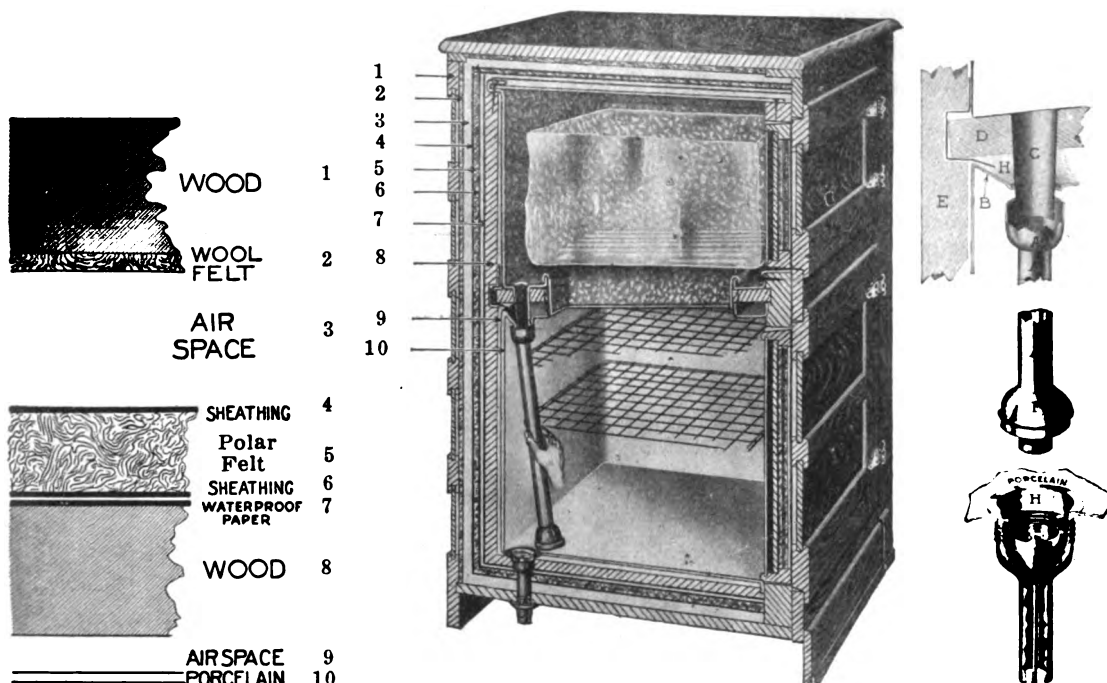
The Biggest
 Value.
 Strong Construction.

Hand Lift, Cone Bearings, High Arm, 5 1/4 inch Under Arm. Each

No. 538—4 Drawers, Drop Head, Drawers Lock Automatically, no Keys Required, Drawers Slide on Steel Runners, Improved Sewing Head, Pretty and Attractive Case, Brass Knobs, Finely Finished, Complete with Set of Attachments, Weight Crated 120 Lbs. \$23.20

LEONARD CLEANABLE REFRIGERATORS

THE LEONARD SYSTEM OF REFRIGERATION



Equipped with these great improvements:

First—Leonard's patent device for returning water to the waste pipe in case of accidental leakage.

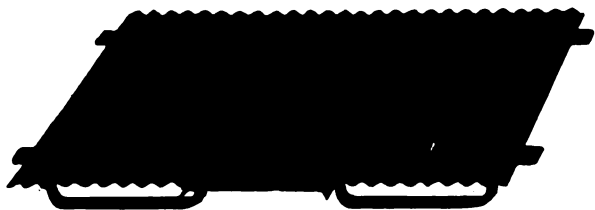
Second—Leonard's Patent trap specially designed for porcelain lined refrigerators as per lower illustration.

Third—Leonard's patent for keeping the cold water from contact with the lower waste pipe as shown by the letter "I" in the lower illustration.

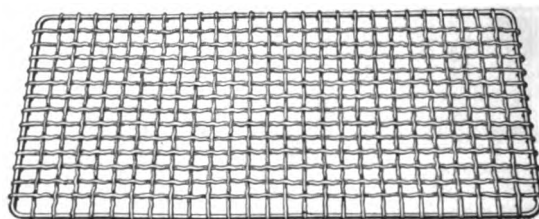
The upper part of the cut shows in detail the arrangement for returning water from accidental leakage to the waste pipe. You will notice the top of the provision chamber is depressed at "B."

Above Illustrations Showing Case Construction and Insulation.

The Polar Felt Insulation is odorless and indestructible and will not settle from the handling of the Refrigerators as is the case with Mineral Wool and Charcoal.



The Leonard Ice Rack is made entirely of heavy galvanized iron and will not mold or decay, will carry off the condensed water to the waste pipe.



The Leonard Shelves are made in the Leonard factory, specially designed and coated with pure tin.



Illustration Shows Circulation of Air in Side Icing Refrigerators.

This system consists of such an arrangement of air passages, flues and ice rack as to expose the largest possible cooling surface to the air in the ice chamber, causing it to condense and settle down on provisions below, as cold air is heavier than warm air. The warmest air in the provision chamber is forced upward to the top, where it is drawn into the ice chamber by suction through the flues or openings made for that purpose to fill the vacuum left by the descending cold air.

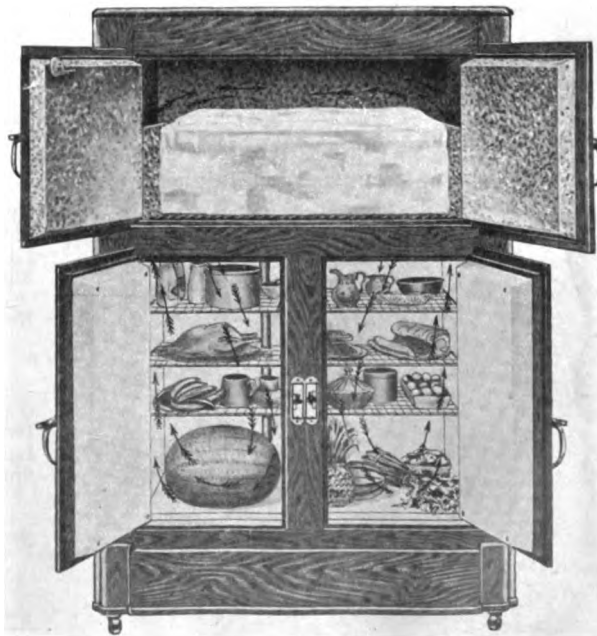


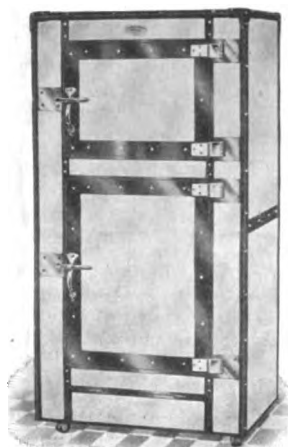
Illustration Shows Circulation of Air in Top Icing Refrigerators.

LEONARD CLEANABLE REFRIGERATORS

All Porcelain Inside and Outside, One-Piece Porcelain Lined Provision Chamber.

Made Complete in Wood with Ten Walls for Insulation, One-Piece Porcelain Lining Before the Ornamental Porcelain and Aluminum is Put on the Outside, Sheets are Held in Place with Heavy Brass Strips, Nickel Plated, Insulated with Polar Felt and Water Proof Paper, Pure Tin Coated Wire Shelves, Nickel Plated Trimmings.

Two Door Apartment, Front Icing.



No. 1101.

No. 1101—Ice Capacity 95 Lbs., Weight 417 Lbs. . . . \$150.00 Each

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	28 1/2	18	56 3/4
Ice Chamber	17 1/4	12 1/2	14 3/4
Provision Chamber	20	12 1/4	24

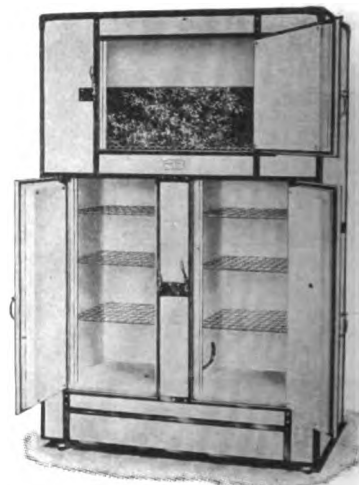
Large Family, Front Icing, Three Doors, Two Provision Chambers.

No. 157—Ice Capacity 310 Lbs., Weight 795 Lbs. . . . \$310.00 Each

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	46	23 1/4	68 3/4
Ice Chamber	35 3/4	17 3/4	18 1/4
Two Provision Chambers	16 3/4	17 1/4	33

This number is constructed on different lines than others shown here. It has a peculiar cold air flue, bringing the cold air directly to the bottom of the provision chamber.



No. 157.

Front Icing, Three Doors, Two Provision Chambers.

No. 14—Ice Capacity 95 Lbs., Weight 437 Lbs. . . . \$175.00 Each

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	36 3/4	20	47 3/4
Ice Chamber	14	14 3/4	19 1/4
Large Prov. Chamber	13 1/2	13 3/4	33 1/2
Small Prov. Chamber	13 1/2	13 3/4	10 1/2

No. 014—Ice Capacity 125 Lbs., Weight 477 Lbs. . . . \$187.50

DIMENSIONS

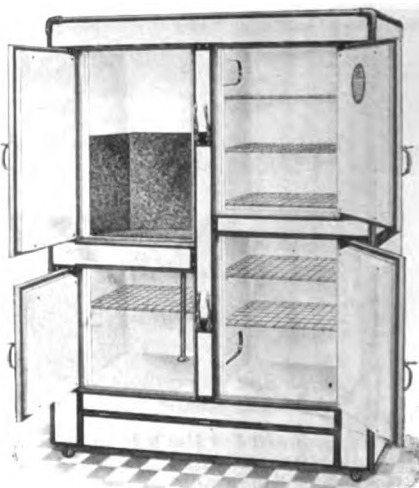
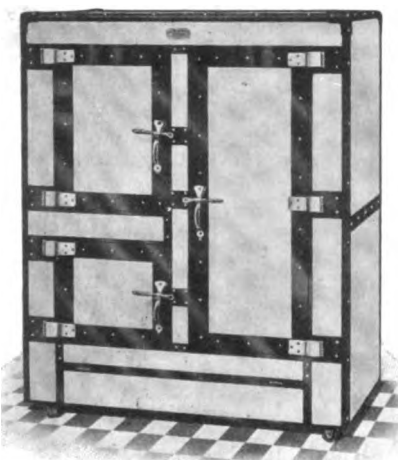
	Length, Inches	Depth, Inches	Height, Inches
Outside Case	39 1/2	20	51 1/2
Ice Chamber	15 1/4	14 3/4	24 1/2
Large Prov. Chamber	14 3/4	13 3/4	37 1/2
Small Prov. Chamber	14 3/4	13 3/4	9 3/4

No. 14A—Ice Capacity 155 Lbs., Weight 539 Lbs. . . . \$200.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	40 3/4	21 1/2	52 3/4
Ice Chamber	15 3/4	16 3/4	24 3/4
Large Prov. Chamber	15 3/4	15 1/4	38 3/4
Small Prov. Chamber	15 3/4	15 1/4	10 3/4

Nos. 14 to 14A.



Nos. 16 and 18.

Front Icing, Four Doors, Three Provision Chambers.

No. 16—Ice Capacity 160 Lbs., Weight 555 Lbs. . . . \$230.00 Each

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	40 3/4	21 1/2	56
Ice Chamber	15 1/2	17 1/2	23 1/2
Large Provision Chamber	15 1/2	16 1/2	41 1/2
Small Provision Chamber	15 1/2	16 1/2	13 3/4

No. 18—Ice Capacity 260 Lbs., Weight 727 Lbs. . . . \$280.00 Each

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	46 3/4	25 3/4	62
Ice Chamber	19	20	26 3/4
Large Provision Chamber	18 3/4	18 3/4	47 3/4
Small Provision Chamber	18 3/4	18 3/4	16 3/4

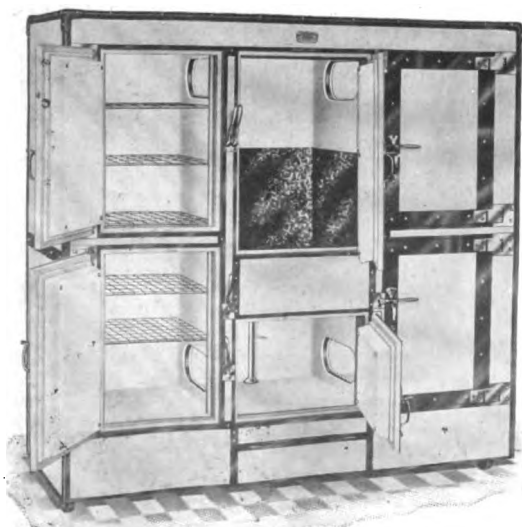
Large Family, Front Icing, Six Doors, Five Provision Chambers.

No. 20—Ice Capacity 280 Lbs., Weight 876 Lbs. . . . \$375.00 Each

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	62	23 3/4	60 3/4
Ice Chamber	19 1/2	18	29 3/4
Two Provision Chambers	16	16 3/4	46 3/4
Small Provision Chamber	19	16 3/4	12

No. 20.



LEONARD CLEANABLE REFRIGERATORS

"Blue Gray" One-Piece Porcelain.

Solid Ash Case, Quarter Sawed Oak Front Panels, Round Corners, Golden Oak Finish, Six Walls, Insulated with Wool Felt and Waterproof Paper, Galvanized Iron Lined Ice Chamber, Pure Tin Coated Wire Shelves, Nickel Plated Brass Patent Trap and Waste Pipe Removable from Inside, Lifting Base Board, Nickel Plated Brass Locks and Trimmings.

"Blue Gray" One-Piece Porcelain Lined Provision Chamber.**Top Icing, Single Door.**

Nos. 69 to 72.

No. 69—Ice Capacity 40 Lbs., Weight 140 Lbs. \$28.15

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	24	15 1/2	41
Ice Chamber	16 1/4	10	10 3/4
Provision Chamber	18 3/4	9 1/4	15

No. 70—Ice Capacity 45 Lbs., Weight 170 Lbs. \$36.25

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	25 1/2	17	43 1/4
Ice Chamber	16 3/4	10 1/2	10 1/2
Provision Chamber	18 3/4	10 3/4	17 1/4

No. 71—Ice Capacity 75 Lbs., Weight 216 Lbs. \$44.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	27 1/2	18	45 1/4
Ice Chamber	19 3/4	12 3/4	11 3/4
Provision Chamber	21 3/4	12	17 1/4

No. 72—Ice Capacity 90 Lbs., Weight 244 Lbs. \$50.35

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	31	19	47
Ice Chamber	21 1/2	12 1/2	13 1/2
Provision Chamber	24 1/2	12 3/4	19 3/4

Front Icing, Three Doors, Two Provision Chambers.

Nos. 73 to 273.

No. 073—Ice Capacity 60 Lbs., Weight 200 Lbs. \$42.25

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	28	17	40
Ice Chamber	11 1/2	12 1/2	17 1/4
Lower Provision Chamber	20 1/2	11 1/2	8 3/4
Right Provision Chamber	10 3/4	11 1/2	19

No. 73—Ice Capacity 65 Lbs., Weight 242 Lbs. \$50.00

No. 273—Ice Capacity 55 Lbs., with Porcelain Lined Water Cooler, Weight 250 Lbs. 63.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	32 1/2	18 1/2	43 3/4
Ice Chamber	13	13 3/4	15 1/2
Lower Provision Chamber	26 3/4	13	9
Right Provision Chamber	12 3/4	13	18 1/4



Nos. 74 to 275.

No. 74—Ice Capacity 75 Lbs., Weight 273 Lbs. \$58.00
No. 274—Ice Capacity 65 Lbs., with Porcelain Lined Water Cooler, Weight 281 Lbs. 71.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	34	19	45 1/2
Ice Chamber	13 1/2	12 3/4	17 3/4
Lower Provision Chamber	27	12 3/4	10 3/4
Right Provision Chamber	13	12 1/2	21 1/4

No. 75—Ice Capacity 120 Lbs., Weight 316 Lbs. \$66.90
No. 275—Ice Capacity 110 Lbs., with Porcelain Lined Water Cooler, Weight 325 Lbs. 80.40

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	33 3/4	19 3/4	51 1/4
Ice Chamber	13 3/4	14 1/2	24 3/4
Lower Provision Chamber	28 1/4	13 1/4	10 1/4
Right Provision Chamber	13 1/2	13 1/4	23 3/4

Apartment, Front Icing, Two Doors.

No. 80—Ice Capacity 50 Lbs., Weight 195 Lbs. \$44.50

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	22 3/4	17 3/4	50 1/2
Ice Chamber	15 3/4	12 3/4	12 1/2
Provision Chamber	17 1/4	12 3/4	20

No. 81—Ice Capacity 75 Lbs., Weight 238 Lbs. \$50.15

DIMENSIONS

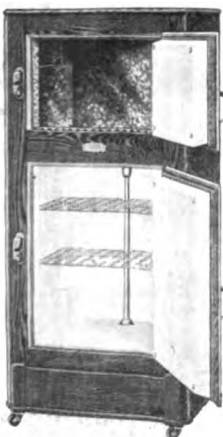
	Length, Inches	Depth, Inches	Height, Inches
Outside Case	25	18 1/2	53
Ice Chamber	17 1/4	13	13 3/4
Provision Chamber	19 1/4	12 3/4	22 3/4

No. 83—Ice Capacity 100 Lbs., Weight 225 Lbs. \$53.50

No. 283—Ice Capacity 90 Lbs., with Porcelain Lined Water Cooler, Weight 233 Lbs. 65.70

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	31	18	48
Ice Chamber	23 3/4	13 3/4	13 1/4
Provision Chamber	25 1/4	12 3/4	19 1/4



Nos. 80 and 81.

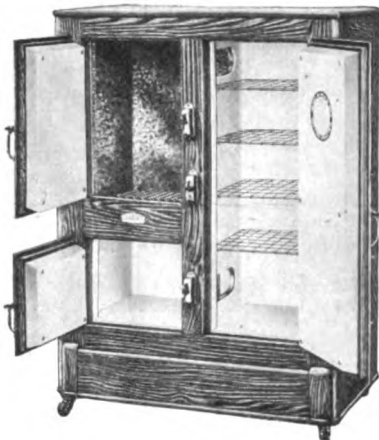


Nos. 83 and 283.

LEONARD CLEANABLE REFRIGERATORS

OAK REFRIGERATORS

Solid Oak Case, Quarter Sawed Oak Front Panels, Heavy Round Corners, Golden Oak Finish, Ten Walls, Insulated with Polar Felt, Heavy Galvanized Iron Lined Ice Chamber, Pure Tin Coated Wire Shelves, New Nickel Plated Brass Patent Trap and Waste Pipe Removable from Inside, Lifting Base Board, Nickel Plated Brass Locks and Hinges.



One-Piece Porcelain Lined
Provision Chamber.

All Oak Refrigerators are equipped with patent interior construction for returning water to waste pipe in case of accidental leakage, insuring dryness and durability of refrigerator.



Front Icing, Three Doors, Two Provision Chambers.

- Each
No. 4—Ice Capacity 95 Lbs., Weight 318 Lbs. \$77.50
No. 24—Ice Capacity 85 Lbs., with Porcelain Lined
Water Cooler, Capacity 5 ½ Quarts, Weight 324 Lbs. 90.70

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	35	21	47
Ice Chamber	14	14 ½	19 ¾
Large Provision Chamber.....	13 ½	13 ¾	33 ½
Small Provision Chamber.....	13 ½	13 ¾	10 ½

- No. 04—Ice Capacity 120 Lbs., Weight 361 Lbs. \$ 96.85
No. 204—Ice Capacity 110 Lbs., with 5 ½ Quart
Porcelain Lined Water Cooler, Weight 372 Lbs.. 110.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	37 ½	21	51
Ice Chamber	15 ¼	14 ¾	24 ¼
Large Provision Chamber.....	14 ¾	13 ¾	37 ½
Small Provision Chamber.....	14 ¾	13 ¾	9 ¾

- No. 4A—Ice Capacity 145 Lbs., Weight 405 Lbs. \$113.00
No. 24A—Ice Capacity 130 Lbs., with 6 ½ Quart
Porcelain Lined Water Cooler, Weight 413 Lbs.. 127.35

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	38 ¾	22 ½	52 ½
Ice Chamber	15 ¾	16 ¾	24 ¾
Large Provision Chamber.....	15 ¾	15 ¼	38 ¾
Small Provision Chamber.....	15 ¾	15 ¼	10 ¾



No. 10.

Front Icing, Four Doors, Three Provision Chambers.

- Each
No. 6—Ice Capacity 150 Lbs., Weight 410 Lbs. \$121.00
No. 26—Ice Capacity 140 Lbs., with 5 ½ Quart
Porcelain Lined Water Cooler, Weight 418 Lbs.. 135.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	38 ¾	22 ¾	55 ¾
Ice Chamber	15 ¾	16 ¾	23 ¾
Large Provision Chamber.....	15 ½	15 ¾	42 ¼
Small Provision Chamber.....	15 ½	15 ¾	13 ¾

- No. 7—Ice Capacity 185 Lbs., Weight 463 Lbs. \$138.30
No. 27—Ice Capacity 170 Lbs., with 5 ½ Quart Porce-
lain Lined Water Cooler, Weight 470 Lbs. 153.40

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	40 ¾	24 ¾	58
Ice Chamber	16 ¾	18 ¾	23 ¾
Large Provision Chamber.....	16 ¾	17	43 ¾
Small Provision Chamber.....	16 ¾	17	15 ¼

- No. 8—Ice Capacity 255 Lbs., Weight 550 Lbs. \$160.00
No. 28—Ice Capacity 240 Lbs., with 5 ½ Quart Porce-
lain Lined Water Cooler, Weight 559 Lbs. 175.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	44 ¾	26	62 ¾
Ice Chamber	19	20	26 ¾
Large Provision Chamber.....	18 ¾	18 ¾	47 ¾
Small Provision Chamber.....	18 ¾	18 ¾	16 ¼

Front Icing, Six Doors, Five Provision Chambers.

- Each
No. 10—Ice Capacity 280 Lbs.,
Weight 703 Lbs. \$225.00

DIMENSIONS

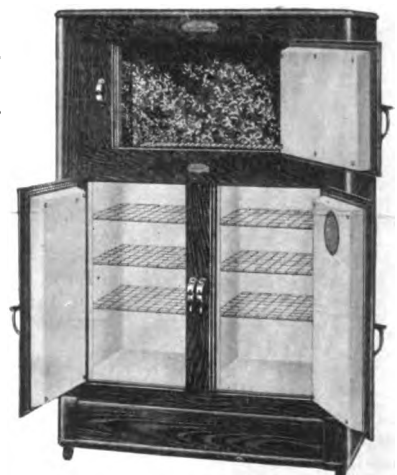
	Length, Inches	Depth, Inches	Height, Inches
Outside Case	60	24	60 ½
Ice Chamber	19 ½	18	29 ¾
2 Large Prov. Cham.	16	16 ¾	46 ¼
Small Prov. Cham.	19	16 ¾	12

Front Icing, Three Doors, Two Provision Chambers.

- No. 56—Ice Capacity 190 Lbs.,
Weight 435 Lbs. \$127.80
No. 256—Ice Capacity 180 Lbs.,
with 5 ½ Quart Porcelain Lined
Water Cooler, Weight 450 Lbs. 140.30

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	38 ¾	23	58
Ice Chamber	30	17	14 ¼
Each, Prov. Cham.	15 ¾	15 ¾	25 ¼



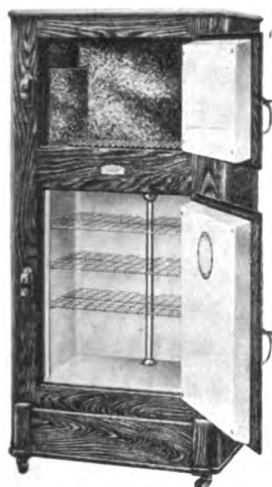
Nos. 56 and 256.

LEONARD CLEANABLE REFRIGERATORS

OAK REFRIGERATORS

Solid Oak Case, Quarter-Sawed Oak Front Panels, Heavy Round Corners, Golden Oak Finish, Ten Walls, Insulated with Polar Felt, Heavy Galvanized Iron Lined Ice Chamber, Pure Tin Coated Wire Shelves, Nickel Plated Brass Patent Trap and Waste Pipe Removable from Inside, Lifting Base Board, Nickel Plated Brass Locks and Trimmings.

One-Piece Porcelain Lined Provision Chamber.
Apartment, Two Doors, One Provision Chamber.



Nos. 53 and 54.

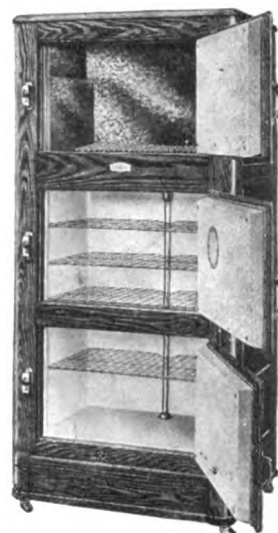
No. 53—Ice Capacity 120 Lbs., Weight 338 Lbs.....	Each	\$75.00
DIMENSIONS		
	Length, Inches	Depth, Inches
Outside Case	28 ½	20 ¾
Ice Chamber	19 ½	14 ½
Provision Chamber	21 ¾	14
	Height, Inches	
	60 ½	16 ¾
	27 ¾	

No. 54—Ice Capacity 145 Lbs., Weight 340 Lbs.....	Each	\$80.00
DIMENSIONS		
	Length, Inches	Depth, Inches
Outside Case	32 ¾	21 ¼
Ice Chamber	23 ¾	14 ¾
Provision Chamber	26	14 ¼
	Height, Inches	
	54 ¾	16 ¾
	21 ¼	

Apartment, Three Doors, Two Provision Chambers.

No. 64—Ice Capacity 160 Lbs., Weight 446 Lbs.....	Each	\$114.45
No. 264—Ice Capacity 150 Lbs., with 5 Quart Porcelain Lined Water Cooler, Weight 452 Lbs.....		127.00

DIMENSIONS		
	Length, Inches	Depth, Inches
Outside Case	32 ½	23
Ice Chamber	23 ¾	17 ½
Provision Chamber	26	16 ¼
	Height, Inches	
	68 ¾	17 ½
	33 ¾	



Nos. 64 and 264.

ASH REFRIGERATORS

Solid Ash Case, Otherwise Same General Description as the Oak Refrigerators.

One-Piece Porcelain Lined Provision Chamber.

Top Icing, Single Door, One Provision Chamber.

No. 4400—Ice Capacity 50 Lbs., Weight 180 Lbs.....	Each	\$42.00
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DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	25 ½	17	43 ¼
Ice Chamber	16 ¾	10 ½	10 ½
Provision Chamber	18 ¾	10 ¾	17 ¼

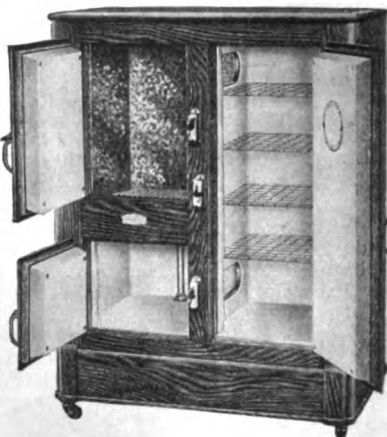
No. 4402—Ice Capacity 85 Lbs., Weight 257 Lbs.....	\$58.10
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DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	31	19	47
Ice Chamber	22 ½	12 ½	13 ½
Provision Chamber	24 ½	12 ¾	19 ¾



Nos. 4000 and 4002.



Nos. 4404 to 4427.

Front Icing, Three Doors, Two Provision Chambers.

No. 4404—Ice Capacity 75 Lbs., Weight 266 Lbs.....	Each	\$66.75
No. 4424—Ice Capacity 65 Lbs., with Porcelain Lined Water Cooler, Weight 273 Lbs.....		79.75

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	34	19	45 ½
Ice Chamber	13 ½	12 ¾	17 ¾
Large Provision Chamber.....	13	12 ½	31 ¼
Small Provision Chamber.....	13	12 ½	10 ¼

No. 4405—Ice Capacity 90 Lbs., Weight 286 Lbs.....	Each	\$70.00
No. 4425—Ice Capacity 80 Lbs., with Porcelain Lined Water Cooler, Weight 297 Lbs.....		83.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	35	21	47
Ice Chamber	14	14 ¾	19 ¾
Large Provision Chamber.....	13 ½	13 ¾	33 ½
Small Provision Chamber.....	13 ½	13 ¾	10 ¾

Front Icing, Three Doors, Two Provision Chambers.

No. 4406—Ice Capacity 130 Lbs., Weight 335 Lbs....	Each	\$80.70
No. 4426—Ice Capacity 120 Lbs., with Porcelain Lined Water Cooler, Weight 338 Lbs.....		94.50

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	37 ½	21	51
Ice Chamber	15 ½	14 ¾	24 ¾
Large Provision Chamber.....	14 ¾	13 ¾	37 ½
Small Provision Chamber.....	14 ¾	13 ¾	9 ¾

No. 4407—Ice Capacity 160 Lbs., Weight 389 Lbs....	Each	\$94.70
No. 4427—Ice Capacity 150 Lbs., with Porcelain Lined Water Cooler, Weight 397 Lbs.....		108.50

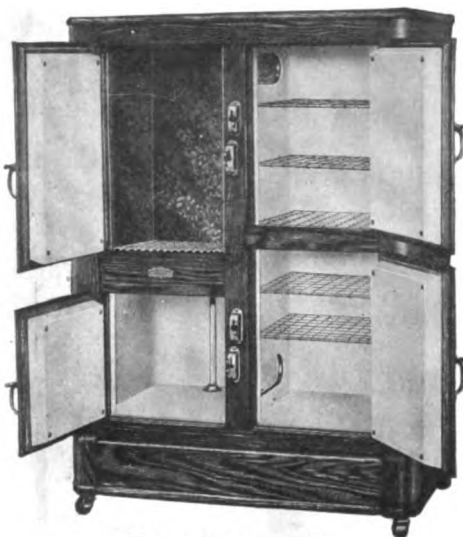
DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	38 ¾	22 ½	52 ½
Ice Chamber	15 ¾	16 ¾	24 ¾
Large Provision Chamber.....	15 ¾	15 ¾	38 ¾
Small Provision Chamber.....	15 ¾	15 ¾	10 ¾

LEONARD CLEANABLE REFRIGERATORS

ASH REFRIGERATORS

Solid Ash Case, Otherwise Same General Description as the Oak Refrigerator on Preceding Pages.
One-Piece Porcelain Lined Provision Chamber.



Nos. 4413 to 2415.

Front Icing, Four Doors, Three Provision Chambers.

	Each
No. 4413—Ice Capacity 155 Lbs., Weight 391 Lbs.	\$108.95
No. 2413—Ice Capacity 145 Lbs., with Porcelain Lined Water Cooler, Weight 403 Lbs.	122.95

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	38 ¾	22 ¾	55 ¾
Ice Chamber	15 ¾	16 ¾	23 ¾
Large Provision Chamber	15 ¾	15 ¾	42 ¾
Small Provision Chamber	15 ¾	15 ¾	13 ¾

No. 4415—Ice Capacity 260 Lbs., Weight 556 Lbs. . . \$150.00

No. 2415—Ice Capacity 250 Lbs., with Porcelain Lined Water Cooler, Weight 567 Lbs. 165.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	44 ¾	26	62 ¾
Ice Chamber	19	20	26 ¾
Large Provision Chamber	18 ¾	18 ¾	47 ¾
Small Provision Chamber	18 ¾	18 ¾	16 ¾



Nos. 4408 and 4428.

Front Icing, Three Doors, Two Provision Chambers.

	Each
No. 4408—Ice Capacity 165 Lbs., Weight 373 Lbs. . . . \$ 96.00	
No. 4428—Ice Capacity 155 Lbs., with Porcelain Lined Water Cooler, Weight 379 Lbs.	108.15

DIMENSIONS

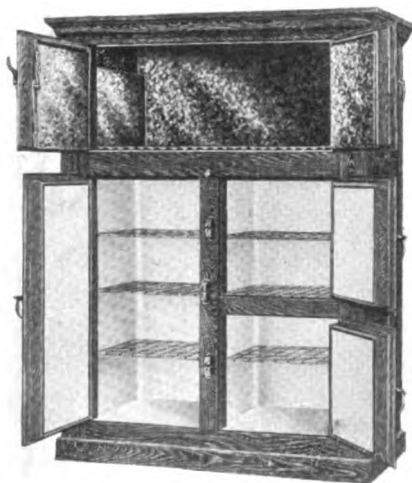
	Length, Inches	Depth, Inches	Height, Inches
Outside Case	37 ¾	21 ¾	51 ¾
Ice Chamber	29 ¾	15 ¾	14 ¾
Each Provision Chamber	15 ¾	14 ¾	21 ¾
Ice Door Opening	24		12 ¾

Front Icing, Five Door Family, Four Provision Chambers, Eight Walls, Quartered Oak Panels in All Doors.

No. 4416—Ice Capacity 394 Lbs., Weight 682 Lbs. . . \$231.40

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	50 ¾	29	70 ¾
Ice Chamber	20	21 ¾	36 ¾
Large Provision Chamber	19 ½	21 ¾	56 ¾
Small Provision Chamber	19 ½	21 ¾	17



No. 154.

DIMENSIONS OF NO. 154

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	53	27 ½	73 ½
Ice Chamber	39 ¾	20 ¾	18
Two Provision Chambers	21 ¾	20 ¾	38 ¾

Large Family, Quarter-Sawn Oak
Panels in All Doors, Eight
Walls Insulation.

Front Icing, Two Provision Cham-
bers, Four Doors.

No. 154—Ice Capacity 400
Lbs., Weight 708 Lbs. . . \$215.00

Front Icing, Three Provision Cham-
bers, Eight Doors.

No. 174—Ice Capacity 465
Lbs., Weight 1030 Lbs. . \$325.50



No. 174.

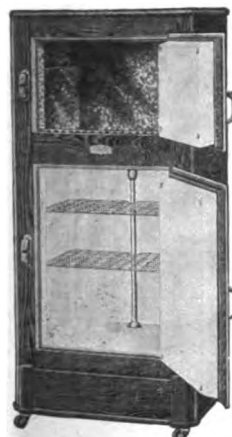
DIMENSIONS OF NO. 174

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	78 ¾	27 ¾	73 ¾
Ice Chamber	24 ¾	20 ¾	38
Two Large Provision Chambers	21 ¾	20 ¾	61 ¾
Small Provision Chamber	24 ¾	20 ¾	18 ¾

LEONARD CLEANABLE REFRIGERATORS

ASH REFRIGERATORS

Solid Ash Case, Otherwise Same General Description as the Oak Refrigerators on Preceding Pages.



Nos. 4409 and 2409.

One-Piece Porcelain Lined Provision Chamber.

Apartment, Front Icing, Two Doors, One Provision Chamber.

No. 4409—Ice Capacity 130 Lbs., Weight 301 Lbs.....	Each
No. 2409—Ice Capacity 120 Lbs., with Porcelain Lined Water Cooler, Weight 307 Lbs.....	\$70.00
	82.50

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	31	21	53
Ice Chamber	22 1/2	15 1/4	15 3/4
Provision Chamber	24 3/4	14 1/2	20



Nos. 4410 to 2411.

No. 4410—Ice Capacity 75 Lbs., Weight 250 Lbs....	Each
No. 2410—Ice Capacity 65 Lbs., with Porcelain Lined Water Cooler, Weight 256 Lbs.....	\$58.65
	70.65

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	24 3/4	19	53
Ice Chamber	16 1/4	12 3/4	13 3/4
Provision Chamber	18 3/8	12 3/8	23 1/4

No. 4411—Ice Capacity 90 Lbs., Weight 268 Lbs....	Each
No. 2411—Ice Capacity 80 Lbs., with Porcelain Lined Water Cooler, Weight 282 Lbs.....	\$65.10
	77.60

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	26 1/2	19	55
Ice Chamber	17 3/4	13 1/4	14
Provision Chamber	19 3/4	12 1/2	23 3/4

POLAR KING REFRIGERATORS

Galvanized Steel and White Enamel Lined.

Hardwood Case, Round Corners, Ash Fronts and Top, Quarter-Sawn Oak Front Panels, Golden Oak Finish, Six Walls, Insulated with Wood Felt and Waterproof Paper, Retinned Wire Shelves, New Patent Waste Pipe and Trap, Removable for Cleaning, Galvanized Steel Lined Ice Chamber, Solid Brass Locks and Hinges.

Top Icing, Single Door, Plain Front Panels.



Nos. 098 to 0101.

No. 098—Ice Capacity 30 Lbs., Galvanized Steel Lined, Weight 110 Lbs.....	Each
No. 0898—Same as No. 098, but White Enamel Lined.....	\$14.95
	16.75

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	20 1/2	14 1/2	37
Ice Chamber	13 1/4	9 3/4	9 3/4
Provision Chamber	15 3/4	10 3/4	13 1/4

No. 099—Ice Capacity 45 Lbs., Galvanized Steel Lined, Weight 120 Lbs.....	Each
No. 0899—Same as No. 099, but White Enamel Lined.....	\$19.00
	21.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	24	15 1/2	41
Ice Chamber	16 1/2	10 3/4	10 3/4
Provision Chamber	19	11 1/4	14 1/2



Nos. 0102 and 08102.

No. 0100—Ice Capacity 50 Lbs., Galvanized Steel Lined, Weight 147 Lbs.....	Each
No. 08100—Same as No. 0100, but White Enamel Lined	\$24.35
	26.65

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	25 1/2	17	43
Ice Chamber	18	11 3/4	8 3/4
Provision Chamber	20 3/4	12 1/4	16 3/4

No. 0101—Ice Capacity 70 Lbs., Galvanized Steel Lined, Weight 170 Lbs.....	Each
No. 08101—Same as No. 0101, but White Enamel Lined	\$29.75
	32.80

No. 0102—Ice Capacity 90 Lbs., Galvanized Steel Lined, Weight 193 Lbs.....	Each
No. 08102—Same as No. 0102, but White Enamel Lined	\$35.15
	38.65

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	31	18 3/4	46 3/4
Ice Chamber	22 3/4	13 1/4	10 3/4
Provision Chamber	25 1/4	13 3/4	19 1/2

DIMENSIONS FOR Nos. 0101 and 08101.

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	27 1/2	18	45
Ice Chamber	19	11 3/4	11 3/4
Provision Chamber	21 1/2	12 3/4	17 1/2

POLAR KING REFRIGERATORS

Galvanized Steel and White Enamel Lined.

Hardwood Case, Round Corners, Ash Fronts and Tops, Quarter-Sawn Oak Front Panels, Golden Oak Finish, Six Walls, Insulated with Wool Felt and Waterproof Paper, Retinned Wire Shelves, New Patent Waste Pipe and Trap, Removable for Cleaning, Galvanized Steel Lined Ice Chamber, Solid Brass Locks and Hinges.



Nos. 0131 and 08131.

Front Icing, Three Doors, Two Provision Chambers,
Lower Chamber Has Drop Door.

No. 0131—Ice Capacity 60 Lbs., Galvanized Steel Lined, Weight 160 Lbs.....	Each
No. 08131—Same as No. 0131, but White Enamel Lined	\$32.50
No. 08131—Same as No. 0131, but White Enamel Lined	34.85

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	28	17	40
Ice Chamber	11 1/2	22 1/2	17 1/2
Lower Provision Chamber.....	23 1/2	12 1/2	8 3/4
Right Provision Chamber.....	11 1/2	12 1/2	19 1/2

Front Icing, Three Doors, Two Provision Chambers.

No. 0132—Ice Capacity 60 Lbs., Galvanized Steel Lined	Each
No. 08132—Same as No. 0132, but White Enamel Lined	\$35.70
No. 08132—Same as No. 0132, but White Enamel Lined	38.80



Nos. 0132 to 08123.

DIMENSIONS FOR NOS. 0132 AND 08132

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	30 1/2	17	41
Ice Chamber	12 1/2	12 1/2	17 1/2
Large Provision Chamber.....	12 1/2	12 1/2	30
Small Provision Chamber.....	12 1/2	12 1/2	9 1/2

No. 08133—Ice Capacity 65 Lbs., White Enamel Lined, Weight 190 Lbs.....	Each
No. 08133—Ice Capacity 65 Lbs., White Enamel Lined, Weight 190 Lbs.....	\$41.50

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	32 1/2	18 1/2	42 1/2
Ice Chamber	12 1/2	13 1/2	16 1/2
Large Provision Chamber.....	12 1/2	13 1/2	28 1/2
Small Provision Chamber.....	12 1/2	13 1/2	8 1/2

White Enamel Lined.

No. 08103B—Ice Capacity 85 Lbs., Weight 200 Lbs..	Each
No. 08123B—Ice Capacity 75 Lbs., with Porcelain Lined Water Cooler, Weight 208 Lbs.....	\$45.70
No. 08123B—Ice Capacity 75 Lbs., with Porcelain Lined Water Cooler, Weight 208 Lbs.....	58.70

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	34	19	45 1/2
Ice Chamber	13 1/2	13 1/2	18
Large Provision Chamber.....	13 1/2	13 1/2	32
Small Provision Chamber.....	13 1/2	13 1/2	10

No. 08103—Ice Capacity 125 Lbs., Weight 248 Lbs...	Each
No. 08123—Ice Capacity 115 Lbs., with Porcelain Lined Water Cooler, Weight 256 Lbs.....	\$52.00
No. 08123—Ice Capacity 115 Lbs., with Porcelain Lined Water Cooler, Weight 256 Lbs.....	65.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	33 1/2	19 1/2	39 1/2
Ice Chamber	13 1/2	15	24 1/2
Large Provision Chamber.....	13 1/2	15	37 1/2
Small Provision Chamber.....	13 1/2	15	9 1/2

Apartment, Front Icing, Two Doors.

No. 0109—Ice Capacity 55 Lbs., Galvanized Steel Lined, Weight 165 Lbs.....	Each
No. 08109—Same as No. 0109, but White Enamel Lined	\$32.50
No. 08109—Same as No. 0109, but White Enamel Lined	34.75

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Cas	22 1/2	17 1/2	50 1/2
Ice Chamber	14 1/2	12 1/2	13
Provision Chamber	16 1/2	12 1/2	20

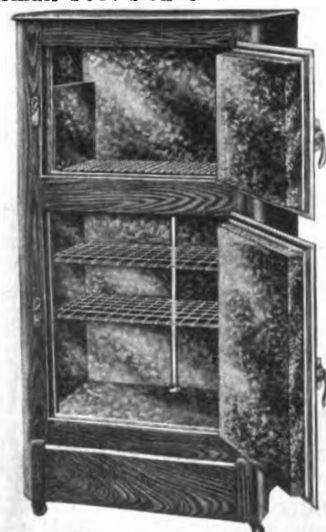
No. 08110—Ice Capacity 65 Lbs., White Enamel Lined, Weight 183 Lbs.	Each
No. 08110—Ice Capacity 65 Lbs., White Enamel Lined, Weight 183 Lbs.	\$39.70

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	25	18 1/2	52 1/2
Ice Chamber	16 1/2	12 1/2	13 1/2
Provision Chamber	19	12 1/2	21 1/2



No. 08113.



Nos. 0109 to 08111.

No. 08111—Ice Capacity 85 Lbs., White Enamel Lined, Weight 204 Lbs.....	Each
No. 08111—Ice Capacity 85 Lbs., White Enamel Lined, Weight 204 Lbs.....	\$45.60

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	26 1/2	19	54 1/2
Ice Chamber	17 1/2	13 1/2	14 1/2
Provision Chamber	20 1/2	13 1/2	22 1/2

Especially Designed to Hold a 100 Lb. Cake of Ice.

No. 08113—Ice Capacity 100 Lbs., White Enamel Lined, Weight 195 Lbs.....	Each
No. 08113—Ice Capacity 100 Lbs., White Enamel Lined, Weight 195 Lbs.....	\$41.70

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	31	18	48
Ice Chamber	22 1/2	12 1/2	13 1/2
Provision Chamber	25	12 1/2	17 1/2

LEONARD GRAND RAPIDS REFRIGERATORS

Extra Large, for Boarding Houses, Clubs, Restaurants and Grocers' Use.

Ash Case, Quartered Oak Panels in All Doors, Golden Oak Finish, Eight Walls, Insulated with Polar Felt, Galvanized Steel Lined, Heavy Retinned Wire Shelves, Nickel Plated Brass Locks and Hinges.



Front Icing, Five Doors, Four Provision Chambers.

No. 106—Ice Capacity 395 Lbs., Weight 650 Lbs. \$176.00 Each

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	50 ¾	29	70 ¾
Ice Chamber	20	21 ½	36 ¼
Large Provision Chamber	19 ½	21 ½	56 ½
Small Provision Chamber	19 ½	21 ½	17

No. 160—Ice Capacity 440 Lbs., Weight 670 Lbs. \$212.75 Each

No. 162—Same Style and Size as No. 160, but with Glass Doors to Provision Chambers and Large Bevel Plate Mirror in Ice Chamber Door. 222.50

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	56 ¾	27 ½	73 ½
Ice Chamber	23	20 ¼	38
Large Provision Chamber	23	20 ¼	61 ¼
Small Provision Chamber	23	20 ¼	18 ½



Front Icing, Four Doors, Three Provision Chambers.

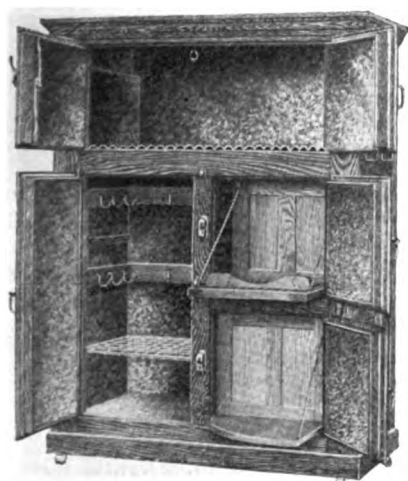
No. 150—Ice Capacity 400 Lbs., Weight 628 Lbs. \$180.00 Each

No. 152—Same Style and Size as No. 150, but with Glass Doors to Provision Chambers and Large Bevel Plate Mirror in Ice Chamber Doors. 200.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	53	27 ½	73 ½
Ice Chamber	39 ¾	20 ¼	18
Two Provision Chambers	21 ½	20 ¼	38 ¾
Ice Door Opening	39 ¾	.....	15 ½

Note—For No. 154, Same Style and Size as No. 150, but with Genuine Porcelain Lining, See Page 796.



No. 151.

Front Icing, Four Doors, Two Provision Chambers, Trays in Right Hand Provision Chambers and Meat Hooks in the Left.

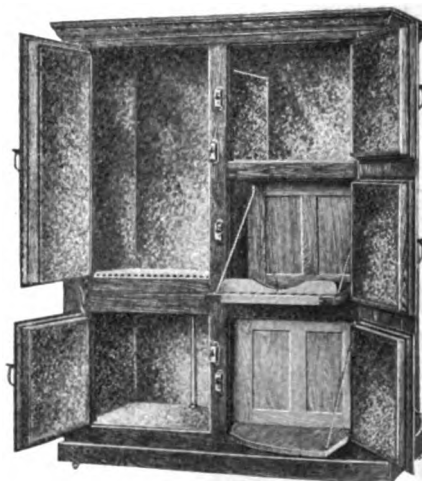
No. 151—Ice Capacity 400 Lbs., Weight 678 Lbs. \$187.00 Each

No. 153—Same Style and Size as No. 151, but with Glass Doors to Provision Chambers and Large Bevel Mirror in Ice Chamber Door. 205.00

Front Icing, Five Doors, Two Provision Chambers, Middle Compartment Has Sliding Tray and Tub Rest, Lower Right Compartment Has Revolving Tray with Back Stop.

No. 161—Ice Capacity 440 Lbs., Weight 705 Lbs. \$219.65 Each

No. 163—Same Style and Size as No. 161, but with Double Glass in All Provision Doors, Large Bevel Plate Mirror in Ice Chamber Door. 229.40



No. 161.

DIMENSIONS FOR NOS. 151 AND 153

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	53	27 ½	73 ½
Ice Chamber	39 ¾	20 ¼	18
Two Provision Chambers	21	20 ¼	38 ¾

DIMENSIONS FOR NOS. 161 AND 163

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	56 ¾	27 ½	73 ½
Ice Chamber	23	20 ¼	38
Large Provision Chamber	23	20 ¼	61 ¼
Small Provision Chamber	23	20 ¼	18 ½

LEONARD GRAND RAPIDS REFRIGERATORS

Extra Large Refrigerators for Boarding Houses, Clubs, Restaurants and Grocers' Use.

Ash Case, Quartered Oak Panels in All Doors, Golden Oak Finish, Eight Walls, Insulated with Polar Felt, Galvanized Steel Lined, Heavy Retinned Wire Shelves, Nickel Plated Brass Locks and Hinges.



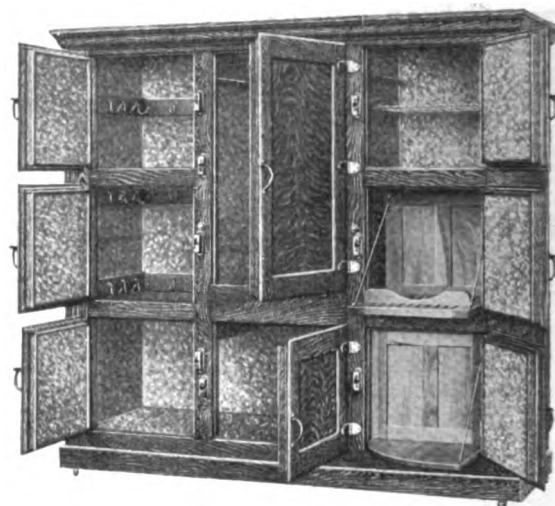
Front Icing, Eight Doors, Three Provision Chambers.

No. 170—Ice Capacity 465 Lbs., Weight 835 Lbs. . . . \$262.20

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	78 1/4	27 1/2	73 1/2
Ice Chamber	24 1/2	20 1/4	38
Two Large Provision Chambers.	21 1/4	20 1/4	61 1/4
Small Provision Chamber.	24 1/2	20 1/4	18 1/2

Note—For No. 174, Same Style and Size as No. 170, but with Genuine Porcelain Lining, See Page 796.

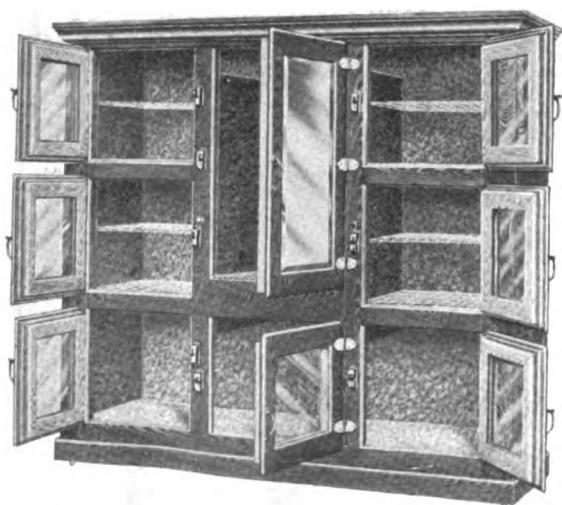


Front Icing, Eight Doors, Three Provision Chambers, Sliding and Revolving Trays in Right Hand Provision Chamber, Meat Hooks in Left Hand Provision Chamber.

No. 171—Ice Capacity 465 Lbs., Weight 861 Lbs. . . . \$269.00

DIMENSIONS

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	78 1/4	27 1/2	73 1/2
Ice Chamber	24 1/2	20 1/4	38
Two Large Provision Chambers.	21 1/4	20 1/4	61 1/4
Small Provision Chamber.	24 1/2	20 1/4	18 1/2



No. 172.

Front Icing, Eight Doors, Double Glass in All Provision Chamber Doors, Large Bevel Plate Mirror in Ice Chamber Door, Three Provision Chambers.

No. 172—Ice Capacity 465 Lbs., Weight 875 Lbs. \$285.20

No. 173—Ice Capacity 465 Lbs., Same Style and Size as No. 172, but with Trays in Right Hand Provision Chamber and Meat Hooks in Left, Weight 942 Lbs. 292.00

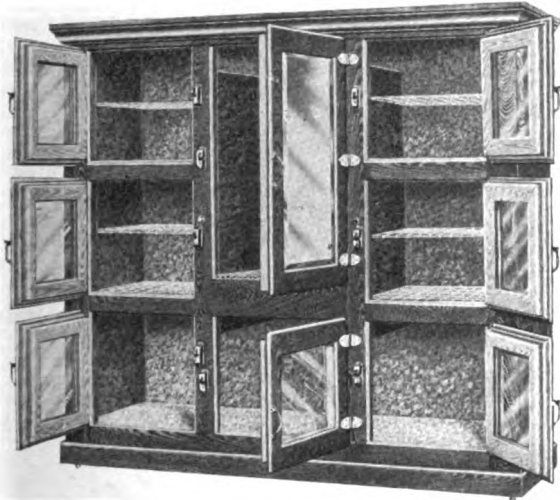
DIMENSIONS FOR NOS. 172 AND 173

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	78 1/4	27 1/2	73 1/2
Ice Chamber	24 1/2	20 1/4	38
Two Large Provision Chambers.	21 1/4	20 1/4	61 1/4
Small Provision Chamber.	24 1/2	20 1/4	18 1/2

LEONARD GRAND RAPIDS REFRIGERATORS

Extra Large Refrigerators for Boarding Houses, Clubs, Restaurants and Grocer's Use.

Ash Case, Quartered Oak Panels in Doors, Golden Oak Finish, Eight Walls, Insulated with Polar Felt, Galvanized Steel Lined, Heavy Retinned Wire Shelves, Nickel Plated Brass Locks and Hinges.

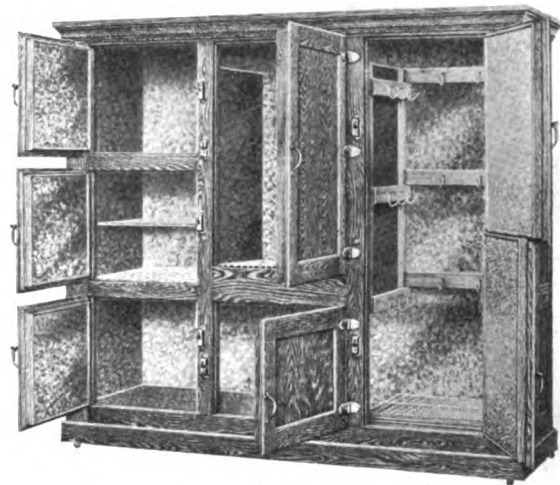


Front Icing, Eight Doors, Double Thickness of Glass in All Doors, Bevel Plate Mirror in Ice Chamber Door, Three Provision Chambers.

No. 182—Ice Capacity 495 Lbs., Weight 936 Lbs....\$295.00 Each

No. 183—Same Style and Size as No. 182, but Has Two Sliding Trays with Back Stops in Middle Side Compartment for Butter and Cheese, and Revolving Tray in Lower Right for Tubs..... 301.85

Large provision chamber in lower left hand corner extends under the ice chamber, has no partition nor shelves, is used for storing butter and lard, crates of eggs, etc.



Front Icing, Seven Doors, Quartered Oak Panels in All Doors, Three Provision Chambers.

No. 191—Ice Capacity 495 Lbs., Weight 1000 Lbs...\$271.70 Each

Same size and style as No. 183, except it has a large provision chamber on the right fitted with racks and hooks. The space on the right with meat hooks has two doors, the upper overlaps the lower.

DIMENSIONS FOR NOS. 182 TO 191

	Length, Inches	Depth, Inches	Height, Inches
Outside Case	83 1/4	27 1/2	73 1/2
Ice Chamber	26 1/4	20 1/4	38
Two Provision Chambers.....	23	20 1/4	61 1/4
Small Provision Chamber.....	26 1/4	20 1/4	18 1/2

ICE CHESTS

FAMILY



Our Ice Chests are Made Double and Have a Lining under the Metal, Making them Triple Walled, They Have an Opening in the Back for Ventilation.

The Best Coolers for Bottled Goods.

GROCERS'



Hardwood Case, Golden Oak Finish, Charcoal Sheathing Insulation, Galvanized Steel Lining.

Nos.	39	40	41	42	43	★44
Ice Capacity, Lbs.	40	49	94	136	179	224
Length, Inches....	22 1/2	24	29 1/4	34 1/4	39	41 1/4
Depth, Inches....	15 1/2	17 1/2	19	21 1/4	23 1/2	28 1/2
Height, Inches....	24 1/2	24 1/2	25 1/2	30 1/4	33 1/2	36
Weight, Lbs.....	60	70	106	144	190	221
Each	\$11 90	15.55	19.85	27.10	35.20	46.90

★No. 44 Has Wool Felt Insulation.

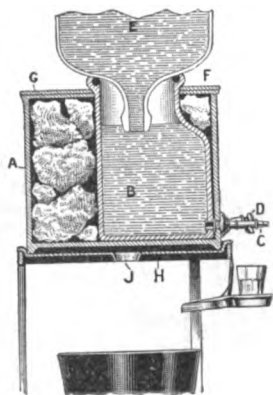
Hardwood Case, Golden Oak Finish, Wool Felt Insulation, Galvanized Steel Lined.

Nos.	44C	45
Ice Capacity, Lbs.	276	370
Length, Inches	41 1/4	53 1/4
Depth, Inches	28 1/2	28 1/2
Height, Inches	36	38 1/2
Weight, Lbs.	250	312
Each	\$52.30	64.95

The Two Covers Slide on Rollers, One Over the Other.

WATER COOLERS

TWENTIETH CENTURY



Construction—(See Sectional View): A—Indurated Fibre Container, with ice. B—Vitreous-Porcelain Jar, glazed both inside and out. C—Automatic "C. & H." Faucet, connected direct to jar. D—Drip Faucet for waste water from melting ice. E—Demijohn partly filled with water (not furnished with Cooler unless specially ordered). F—Rubber Gasket supporting demijohn and protecting jar. G—Removable portion of container cover. H—Fibre Tray under Cooler. J—Opening in drip tray which allows any sweat from the Cooler to drip into waste bucket of stand.

The Ice Chamber, being made of Indurated Fibre, is a non-conductor and reduces ice consumption to a minimum. The water passes direct from the bottle to the jar and thence directly through the faucet to the glass.

Indurated Fibre Ice Container, White Glazed Porcelain Water Jar, Nickel Plated Faucet, Indurated Fibre Tray and Waste Bucket.

No. 560—Ice Capacity 15 to 20 Lbs., Height without Bottle 39 inches, for 5 Gallon Demijohn, Steel Stand with Glass Ball Feet, Mahogany Finish, without Demijohn, Weight About 35 Lbs. \$13.00

Green Glass Demijohn—Capacity 5 Gallons, for No. 570 Cooler. 1.50

Cooler and Stand Packed in Carton; Bottle in a Crate.

NATIONAL



Japanned, Assorted Colors, Handsomely Decorated, Galvanized Iron Reservoir, Solid Filled Walls, Side Handles, Self-Closing Push Button Faucet.

Nos.	01	02	03	04	06	08	010	014
Gallons	1½	2	3	4	6	8	10	14
Wt. Ea., Lbs.	19	22	26	31	48	58	67	77
Each	\$2.10	2.30	2.90	3.50	4.00	5.20	6.30	8.00

Heavy, Japanned, Assorted Colors, Handsomely Decorated, Seamless White Enameled Reservoir, Solid Filled Walls, Side Handles, Self-Closing Push Button Faucet.

Nos.	22	33	44	66	88	1010
Gallons	2	3	4	6	8	10
Wt. Each, Lbs.	22	26	31	48	58	67
Each	\$4.25	5.00	6.00	8.00	9.50	12.00

NEW ERA



Galvanized Iron Reservoir and Ice Cylinders, Solid Filled Walls, Japanned, Assorted Colors, Artistically Ornamented, Nickel Plated Lever Faucet.

Nos.	804	806
Gallons	2½	3¾
Ice Capacity, Lbs.	5	6
Weight Each Boxed, Lbs.	35	45
Each	\$5.00	6.00

WATER COOLER STANDS

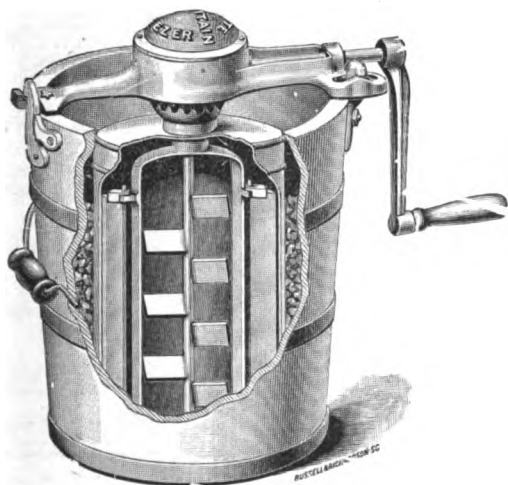


Japanned, Assorted Colors.

Nos.	15	16
Top Diameter, Inches.	16½	21
To Fit Cooler, Gallons.	6	8, 10, 12, 14
Each	\$6.25	7.00

ICE CREAM FREEZERS

WHITE MOUNTAIN



1 to 25 Quarts.



Junior.

Each

Junior—Capacity 1 Pint, Single Motion, White Pine Tub, Shellacked, Bound with Three Polished Brass Hoops, Bright Tin Plate Castings, Covered Gearing, with Crank\$2.00

Weight Each 2 Pounds.

A Toy Freezer especially desirable for freezing small quantities of cream for children or sick room.

With Crank.

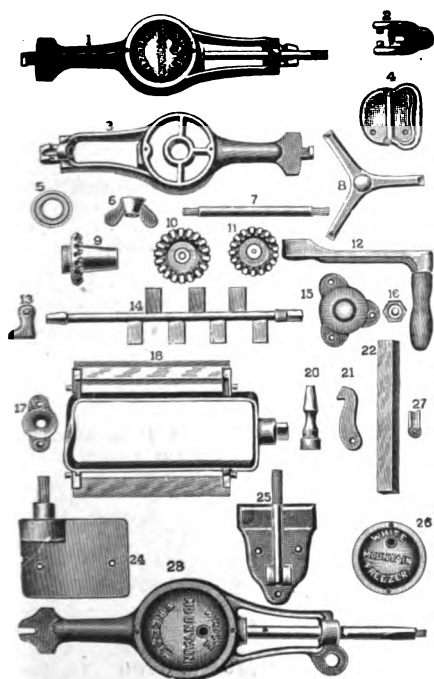
Triple Motion, White Pine Tubs, Tinned Inside Parts, Galvanized Outside Parts, Duplex Malleable Iron Dasher, Double Self-Adjusting Scraper, Best Charcoal Tin Plate Can, Improved Covered Gearing.

Quarts	1	2	3	4	6	8	10	12	15	20	25
Weight Each, Lbs.	6	12	14 1/2	16	24	27	30	49	54	63	82
Each	\$2.80	3.50	4.10	4.90	6.20	8.00	10.20	13.00	15.40	20.00	25.60
Extra Fly Wheels.....Each,	1.60	1.60	1.60	2.00	2.20	3.20	4.80	4.80	5.80	7.00	

The above cut shows the construction and position of the mechanism of the White Mountain Freezer. The can moves from right to left, the outside beater moves from left to right, scrapes with its wooden bars the frozen cream from the can and throws it toward the center, where it is met by the floats of the inside beater moving in an opposite direction, and returned to the inside surface of the can to be refrozen. The triple motion thus induced keeps the cream constantly moving and insures every particle being smoothly and evenly frozen.

★REPAIRS FOR WHITE MOUNTAIN FREEZERS

Prices Given are Each.



No.	Name of Parts.	Quarts.	1	2	3	4	6	8	10	12	15	20	25
1	Gear Frame, with Gears (1 to 10 qt.)		\$0.50	.85	.90	.95	1.60	1.70	1.75	.....	.....	.....	.....
2	Small Ear		.10	.16	.16	.16	.20	.20	.20	.....	.....	.....	.....
3	Gear Frame, without Gears (1 to 10 qt.)		.20	.35	.40	.45	.75	.85	.90	.....	.....	.....	.....
4	Tub Handle		.....	.....	.....	.....	.....	.22	.22	.28	.28	.28	.28
5	Ring for Cover of Can.		.06	.08	.08	.08	.08	.08	.08	.14	.14	.14	.20
6	Thumb Nut		.....	.....	.....	.....	.....	.....	.....	.10	.10	.10	.10
7	Shaft		.08	.10	.10	.14	.22	.22	.22	.36	.36	.44	.64
8	Can Socket		.08	.10	.14	.14	.14	.22	.22	.28	.28	.28	.50
9	Shank Gear		.08	.22	.22	.22	.44	.44	.44	.72	.72	.72	.94
10	Top Gear		.08	.14	.14	.14	.28	.28	.28	.50	.50	.50	.80
11	Screw Gear		.08	.14	.14	.14	.22	.22	.22	.36	.36	.36	.44
12	Crank		.14	.22	.22	.28	.28	.28	.28	.72	.72	.72	.80
13	Catch		.06	.08	.08	.08	.08	.08	.08	.....	.....	.....	.....
14	Inside Beater		.10	.12	.15	.18	.22	.28	.35	.55	.60	.70	1.00
15	Large Center		.....	.....	.....	.....	.....	.....	.....	.14	.14	.14	.14
16	Shaft Nut		.....	.....	.....	.....	.....	.....	.....	.08	.08	.08	.08
17	Small Center		.06	.08	.08	.08	.08	.08	.08	.....	.....	.....	.....
18	Outside Beater		.14	.20	.25	.30	.42	.50	.60	.75	.80	1.05	1.30
20	Spindle		.06	.08	.08	.08	.22	.22	.22	.28	.28	.28	.44
21	Small Latch		.06	.08	.08	.08	.08	.08	.08	.....	.....	.....	.....
22	Wood Scraper		.06	.08	.08	.08	.08	.08	.08	.14	.14	.14	.22
24	Large Ear		.....	.....	.....	.....	.....	.....	.....	.72	.72	.72	.72
25	Large Latch		.....	.....	.....	.....	.....	.....	.....	.44	.44	.44	.44
26	Gear Cap		.06	.14	.14	.14	.28	.28	.28	.44	.44	.44	.50
27	Wood Scraper Holder		.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
28	Gear Frame with Gears		.....	.....	.....	.....	.....	.....	.....	2.80	2.95	3.10	4.00
028	Gear Frame without Gears		.....	.....	.....	.....	.....	.....	.....	1.35	1.45	1.50	1.90

Order by Registered Number of Repair and Always State Size of Freezer for which Repair Part is Wanted.

★Not Carried in Stock, Sold Only for Shipment from Factory, Nashua, N. H.

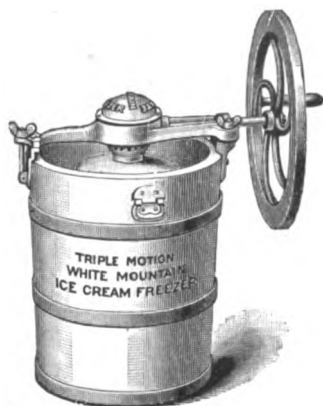
†Crank for 2, 3, 4, 6, 8 and 10 Quart Freezers Furnished from Store, Milwaukee.

Note—The Minimum Charge on Any Invoice for Repairs Only Will be 10 Cents.

ICE CREAM FREEZERS

WHITE MOUNTAIN

HOTEL AND CONFECTIONERS'



With Fly Wheel and Crank.

Triple Motion White Pine Tub, Tinned Inside Parts, Galvanized Outside Parts, Duplex Malleable Iron Dasher, Double Self-Adjusting Scrapers, Best Charcoal Tin Plate Can, Improved Covered Gearing.

Quarts	12	15	20	25
Weight Each, Lbs.....	74	80	97	125
Each	\$17.80	16.20	25.80	26.60

The balance wheel increases the operator's power.

Note—For Extra Parts, see preceding page.

★SAMSON POWER



Heavily Painted Cast Iron Stand, Platform and Outside Metal Parts.

Malleable Iron Beaters, Tinned and Fitted with Double Self-Adjusting Wood Scraping Bars, Heavy and Durable Tubs, Heaviest Tin Plate Can, with Pulleys.

Quarts	25	40
Pulleys, Inches	24x4	24x4
Weight Each Crated, Lbs.....	325	477
Each	\$100.00	184.00

The gear frame extends across the top of the tub and is fastened by a latch bolt and thumb screw. When the frame is released it can be raised to an upright position and is there held firmly. The can and tub may be removed and replaced while the frame is in this position.

The Freezer should be operated at a speed of about 75 revolutions per minute.

★NEW PLATFORM



Galvanized Cast Iron Platform, Stand and Frame.

Triple Motion Duplex Malleable Iron Beaters, with Double Self-Adjusting Wood Scraping Bars, Plated with Pure Black Tin, Heavy Tin Plate Can.

With Fly Wheel.				
Quarts	15	20	25	
Weight Each, Lbs.....	130	150	210	
Each	\$37.20	43.90	52.00	

With Pulley.				
Quarts	15	20	25	
Weight Each, Lbs.....	135	145	200	
Each	\$48.20	48.40	54.00	

The Pulley is 16x5 inches, and the Freezer should be operated at a speed of 136 revolutions per minute.

ARCTIC



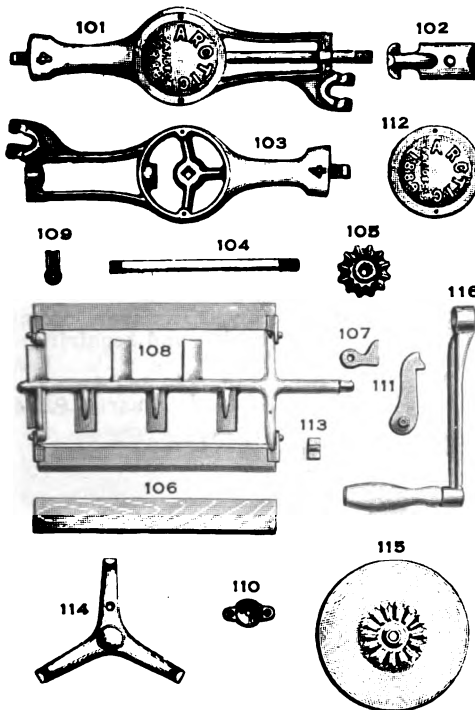
Single Action, White Pine Tub, Flat Galvanized Iron Hoops, Charcoal Tin Plate Can, Tin Plated Cast Iron Cover, Tinned Iron Beaters, Self-Adjusting Wood Scraping Bars, Covered Gearing.

Quarts	1	2	3	4	6
Weight Each, Lbs...	6	11	12 1/2	14	18 1/2
Each	\$2.40	2.90	3.30	4.00	5.10
Quarts	8	10	12	15	
Weight Each, Lbs...	22	23	43	65	
Each	\$6.50	8.40	10.00	14.00	

To those who want a freezer that costs less money than the White Mountain the improved Arctic may be offered with absolute confidence. It is a single action freezer, the can revolves while the beater remains stationary.

★Not Carried in Stock, Sold Only for Shipment from Factory, Nashua, N. H.

★ REPAIRS FOR ARCTIC FREEZERS



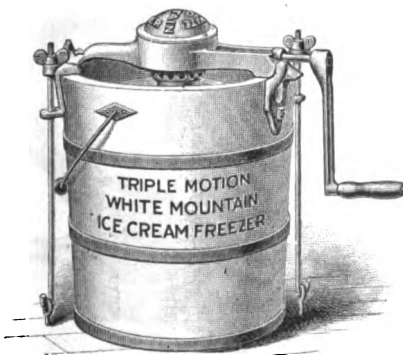
Prices Given are Each.

Name of Part.	Quarts	1	2	3	4	6	8	10	12	15
No. 101—Gear Frame, with Gears..	\$0.32	.45	.50	.55	.70	.80	.85	1.70	2.00	
No. 102—Ear .....	.08	.10	.10	.10	.14	.14	.14	.24	.30	
No. 103—Gear Frame, without Gears	.20	.28	.32	.38	.50	.55	.60	1.10	1.20	
No. 104—Shaft .....	.08	.14	.14	.14	.22	.22	.22	.36	.36	
No. 105—Screw Gear .....	.08	.10	.10	.10	.14	.14	.14	.36	.36	
No. 106—Wood Scraper .....	.06	.08	.08	.08	.08	.08	.08	.14	.14	
No. 107—Catch .....	.06	.08	.08	.08	.08	.08	.08	.14	.14	
No. 108—Beater Com., with Woods.	.10	.15	.20	.25	.30	.35	.40	.75	.80	
No. 109—Wood Scraper Holder....	.06	.06	.06	.06	.06	.06	.06	.06	.06	
No. 110—Center .....	.06	.08	.08	.08	.08	.08	.08	.14	.14	
No. 111—Latch .....	.06	.08	.08	.08	.08	.08	.08	.14	.14	
No. 112—Gear Cap .....	.08	.14	.14	.14	.16	.16	.16	.28	.28	
No. 113—Can Stop .....	.06	.06	.06	.06	.06	.06	.06	.06	.06	
No. 114—Can Socket .....	.06	.08	.10	.12	.14	.14	.16	.20	.20	
No. 115—Can Cover .....	.20	.26	.30	.36	.40	.50	.60	.72	.88	
No. 116—Crank .....	.14	.22	.22	.28	.28	.28	.28	.72	.72	
No. 117—Can, no Cover.....	.30	.50	.56	.68	.96	1.20	1.54	1.98	2.42	
No. 118—Tubs .....	.52	.80	.98	1.16	1.26	1.56	2.20	2.48	2.88	

Order by Registered Number of Repair, and always state size of Freezer for which Repair Part is wanted.

Note—The minimum charge on any invoice for Repairs only will be 10 cents.

FREEZER CLAMPS



Wrought Iron, Galvanized.

For Freezer, Quarts....	2	3	4	6	8
Per Pair	\$0.36	.36	.36	.36	.36

A simple and perfect device for holding the Freezer firm and steady while freezing. It consists of two iron rods with clamps at upper end and attach to tub by thumb screws, lower end furnished with hooks to slip into screw eyes fastened into floor.

★PACKING TUBS



Sizes 1 to 8 Quart Inclusive Have Bail, Larger Sizes Have Side Handles.

Quarts	1	2	3	4	6	8
Each	\$0.50	.72	.86	1.00	1.08	1.30
Quarts	10	12	15	20	25	40
Each	\$1.58	2.16	2.66	3.38	4.18	11.72

★PACKING CANS



Complete with Covers.

Quarts	1	2	3	4
Each	\$0.50	.72	.80	.94
Quarts	6	8	10	12
Each	\$1.08	1.24	1.50	2.00
Quarts	15	20	25	40
Each	\$2.50	2.96	3.80	9.36

★FREEZER CANS

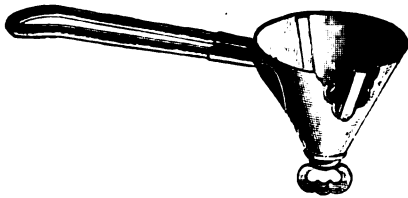


Complete with Covers.

Quarts	1	2	3	4
Each	\$0.50	.76	.86	1.04
Quarts	6	8	10	12
Each	\$1.36	1.70	2.14	2.70
Quarts	15	20	25	40
Each	\$3.30	4.00	5.36	12.60

★Not Carried in Stock, Sold Only for Shipment from Factory, Nashua, N. H. Freezer Clamps Furnished from Store, Milwaukee.

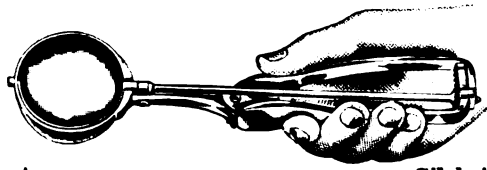
ICE CREAM DISHERS



Royal, Heavy Steel, Tinned.

Nos.	5	6	8	10
Dishes to Qt..	5	6	8	10
Per Dozen ...	\$2.40	2.40	2.40	2.40

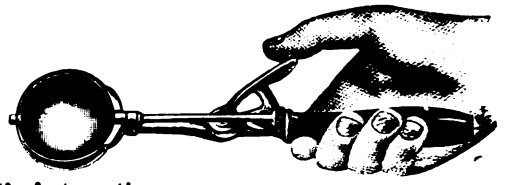
One Dozen in a Box.



Gilchrist's Automatic.

Bronze Metal, Nickel Plated and Polished, German Silver Bowl and Scraper, All Parts Can be Instantly Separated and Put Together without Tools, a slight closing of the hand does the work. Each

No. 30—Sizes 8, 10, 12, 16 and 20 to the Quart.....\$2.40



Bronze Metal, Nickel Plated and Polished, German Silver Bowl and Scraper, Concealed Spring with Thumb Piece to Press and Rotate the Scraper, Easily Separated for Cleaning and repairing. Each

No. 31—Sizes 8, 10, 12, 16, 20, 24, 30 and 40 to the Quart...\$2.40

LEMON JUICE EXTRACTORS
EASLEY

No. 1.



No. 4.

Per Dozen

- No. 1—3 7/8 inches Diameter, Clear White Crystal Glass, Saucer Shape, Fluted Pattern Reamer Cone with Strainer Pockets to Hold Pulp and Seeds.....\$0.90
- No. 4—5 inches Diameter, with Handle and Lip, Otherwise Same as No. 1.....1.70

No. 1, One Dozen; No. 4, One-third Dozen in a Box.

LEMON SQUEEZERS
COMMON

Per Dozen

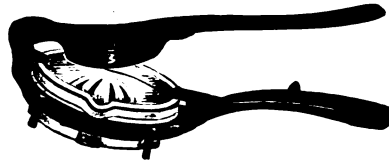
- No. 0—10 inches Long, 2 inch Cup, White Maple, Wood Ball, Straight Sides, Weight Per Dozen 8 Lbs.....\$1.90
- Open Stock.

LEMON SQUEEZERS



Per Dozen

- No. 598—New Boss, 9 inches Long, Extra Heavy, Malleable Iron, Tinned, Weight Per Dozen 12 Lbs.....\$2.20
- One-half Dozen in a Box.



Per Dozen

- No. 291—Model, 9 1/2 inches Long, Malleable Iron, Japanned, Cast Aluminum Cup, Can be Lifted Out, Will not Rust, Weight Per Dozen 20 Lbs...\$7.60
- One-half Dozen in a Box.



Per Dozen

- No. 295 1/2—Ideal, 9 inches Long, Malleable Iron, Japanned, Porcelain Bowl Resting on Rubber Ring, Hardwood Ball, Weight Per Dozen 17 Lbs...\$4.00
- One-half Dozen in a Box.

ICE PICKS



Per Dozen

- No. 8R—Perfect Point, 8 1/2 inches Long Over All, 4 1/2 inch Tempered Silver Steel Blade, Smooth Even Taper, Nickel Plated Ferrule, Rubberoid Finished Handle, Guaranteed not to Bend.....\$1.30
- One Dozen in a Box.



Long Slim Handle.

Per Dozen

- No. 6—Perfect Point, 10 3/4 inches Long Over All, 6x3/4 inch Tempered Silver Steel Blade with a Long Thin Point, Large Copper Plated Brass Ferrule, Shellacked Waterproof Hardwood Handle, Guaranteed not to Bend.....\$1.70
- One Dozen in a Box.



A Pick Made for the Iceman.

Per Dozen

- No. 5—10 1/2 inches Long, 6 inch Tempered Silver Steel Blade, Smoothly Finished and Polished, Evenly Tapered Needle Point, Malleable Ferrule, 4 1/2 inch Hardwood Handle.....\$2.00
- One Dozen in a Box.



Iron Banded Hexagonal Form Black Stained Wood Handle.

Per Dozen

- No. 5D—Hurwood, 5 1/2 inch Steel Blade, Length Over All 9 1/2 inches, Blade Runs Through Handle, Headed, Polished Steel Ferrule.....\$6.00
- One-half Dozen in a Box.

ICE CHISELS



No. 158—41 inches Long, Cast Steel Blade, $4\frac{1}{2}$ inches Wide, Four Teeth, Malleable Iron Shank, Wood Handle with Malleable D. \$18.00

Open Stock.



No. 21—Hotel, 36 inches Long, 4×6 inch High Grade American Steel Blade, Steel Tubing Handle, Forked and Riveted to Blade, Malleable D Handle Top \$21.00

Open Stock.

ICE CHISELS

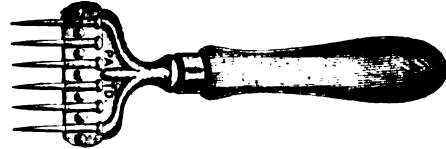


Hand Forged Steel Blade, Tempered and Polished, Black. Walnut Handle.

Nos.	2C	3C	4C
Length, Inches	14	18	22
Per Dozen	\$9.00	11.50	12.00

One-quarter Dozen in a Box.

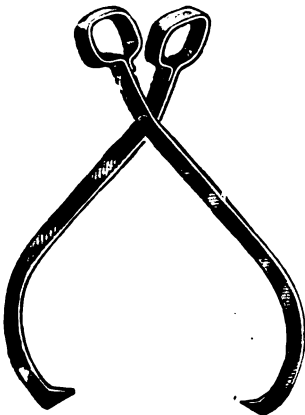
ICE CHIPPERS



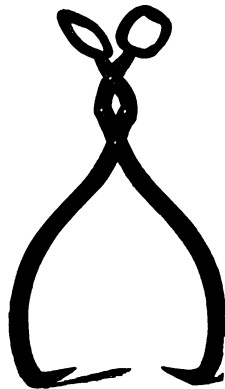
No. 1906—Halsey's, $9\frac{1}{2}$ inches Long, 6 Oil Tempered Tool Steel Points, Tinned Metal Parts, Shellacked Hardwood Handle, Steel Ferrule. \$3.70

The points are headed and the heads enclosed between two sheet metal holders, making them perfectly secure. One in a Box; One-half Dozen in a Carton.

ICE TONGS



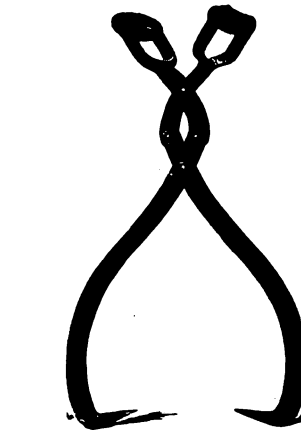
No. 5.



No. 15.

No. 5—Family, Flat Wrought Steel, Japanned, Opens $14\frac{1}{2}$ inches. \$2.00

No. 15—Family, High Carbonized Steel Jaws, Heavy Forged Steel Handles, Opens 15 inches 6.40



Wagon, Wrought Steel Tempered Points, Wood Grips.

Per Dozen

No. 24—Opens 24 in.	\$14.50
No. 28—Opens 28 in.	16.50

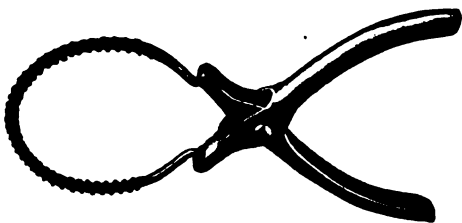


Wagon, Solid Drop Forged Steel Hardened Points, Swell Handles, Painted Red.

Per Dozen

No. 1—Opens 15 in.	\$16.40
No. 2—Opens 17 in.	18.50
No. 3—Opens 24 in.	22.20

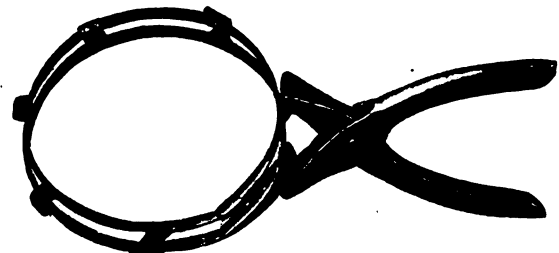
FRUIT JAR CAP WRENCHES



No. 1B—Badger, Coppered Spring Steel Wire Loop, Covered with Tinned Wire Coil, Japanned Pressed Steel Pliers, Length of Plier 5 inches. \$1.50

This wrench will grip a cap of a Mason jar without depending on the pressure applied to the wire band, thus avoiding the crushing and cutting of the cap. One Dozen in a Box.

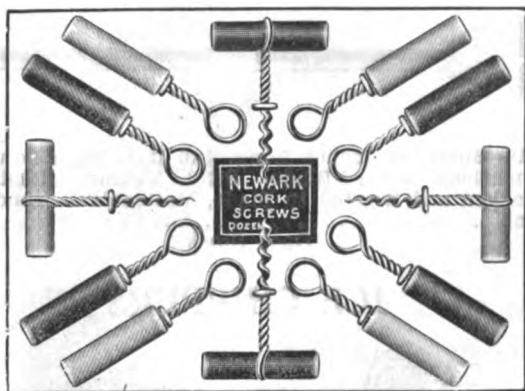
FRUIT JAR HOLDERS



No. 2B—Badger, Nickel Plated Spring Steel Band, Adjustable to Any Size Between $2\frac{1}{4}$ and $4\frac{1}{2}$ inches, Fitting All Sizes of Mason Fruit Jars, Japanned Pressed Steel Pliers, Length of Pliers 5 inches. \$3.00

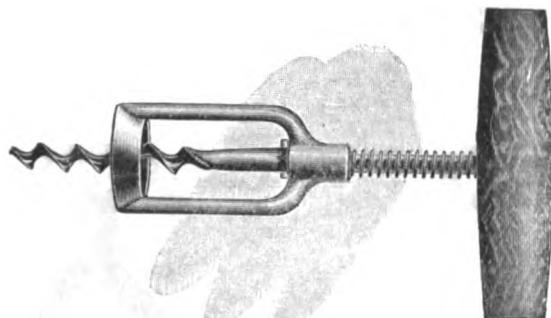
This is the most practical holder on the market. A jar holder is as necessary as a cap wrench. One Dozen in a Box.

CORK SCREWS



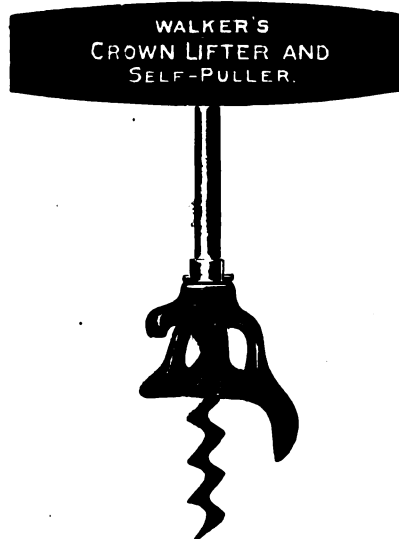
- No. 219—Two Kinds, Nickel Plated Tempered Steel Colled Screws, Assorted White and Ebony Handles, Handle Can be Placed Over Screw for Carrying in Pocket **\$0.70**

One Dozen on a Card.



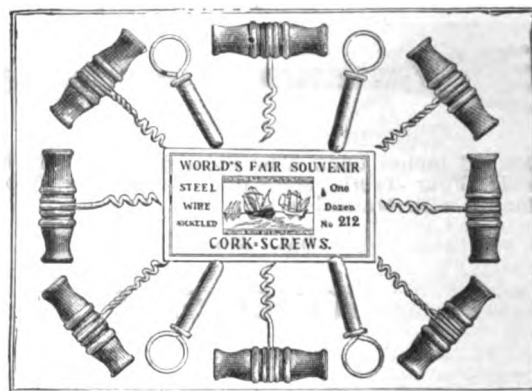
- No. 801—Walker's, Forged Steel Convex Screw, Nickel Plated, Stained Wood Handle, with Cork Extractor **\$1.80**

One Dozen in a Box.

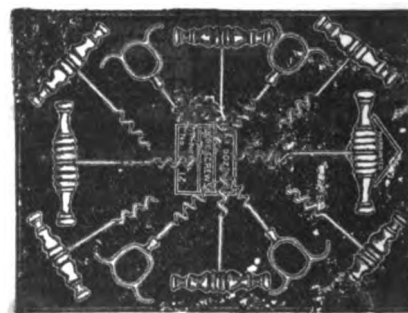


- No. 17—Walker's Self-Pulling, Carefully Tempered Steel Screw, Nickel Plated, Polished Maple Handle, with Crown, Aluminum Stopper Opener and Wire Cutter **\$5.50**

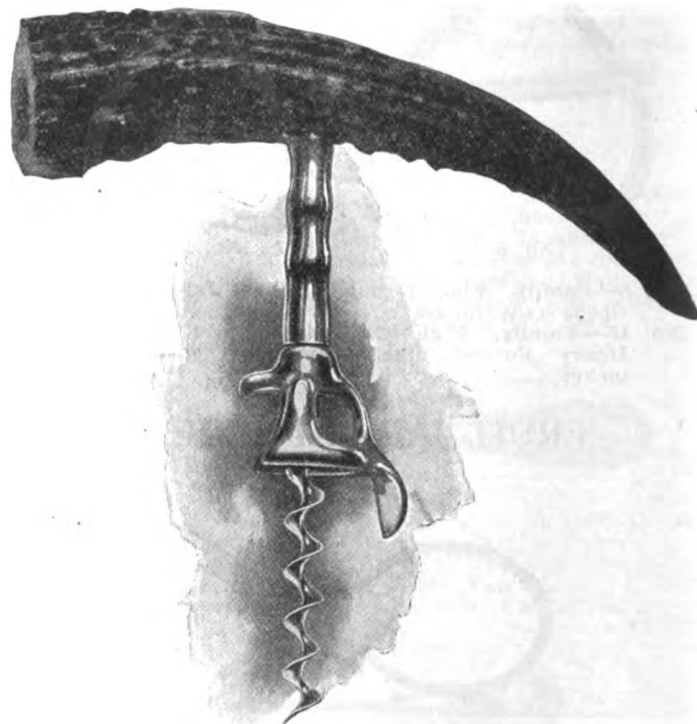
One Dozen in a Box.



- No. 212—Two Kinds, Assorted Nickel Plated Tempered Steel Colled Screws, Wood and Steel Handles..... **\$0.80**
One Dozen on a Card.



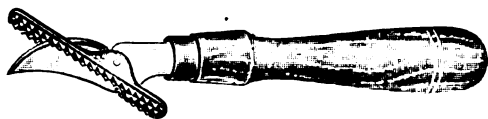
- No. 12—8 3/4 x 1 1/4 inch Card, Two Kinds, Nickel Plated Tempered Steel Colled Screws, Wood and Steel Handles **\$1.30**
One Dozen on a Card.



- No. 1700—Walker's Self-Pulling, Carefully Tempered Steel Screw, Extra Fine Nickel Finish, Genuine Stag Handle, with Crown, Aluminum Stopper Opener and Wire Cutter, Each in a Satin Lined Box **\$32.00**

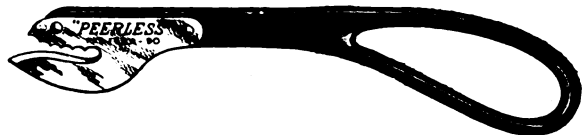
One-twelfth Dozen in a Box.

CAN OPENERS



No. 37—Sprague Pattern. Nickel Plated Steel Blade, Corrugated Grip, Polished Hardwood Handle.....**\$0.80**
One Dozen in a Box.

Per Dozen



Peerless—6 1/4 Inches Long, Tempered Cutlery Steel Blade, Bright, Nickeled, Japanned Iron Handle, for Round or Square Cans, Works on Top or Sides, Never Slips**\$1.50**

Per Dozen

One Dozen in a Display Box.

CORKS



Bottle.



Jug.

Bottle Corks—Assorted to Fit 1/2 Pint to 1 Quart Bottles**\$0.60**
Jug Corks—Assorted to Fit 1 to 5 Gallon Jugs..... **1.60**

Per Bag

One Hundred and Fifty Corks in a Bag.

Note—We Do Not Sell Less than a Full Bag.



Best—Combination Can and Bottle Opener, 5 3/4 Inches Long, Crucible Steel Oil Tempered Blades, Nickel Plated and Finely Finished.....**\$1.40**
One Dozen in a Counter Display Box.

Per Dozen

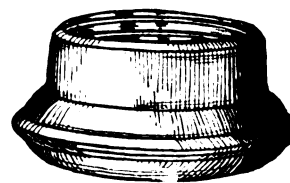


Clean-Cut—Combination Can and Bottle Opener, Cast Steel Blades, Nickel Plated, Hardwood Handle, Opens Round as Well as Square Cans and Removes Caps from Bottles, the Knife Slides on the Bar to Cut the Top from Any Size Cans.....**\$1.40**

Per Dozen

One Dozen in a Display Box.

WATER FILTERS



Household—A Combined Non-Splashing China and Glass Protector and Filter, Pure Red Rubber Fitted with Nickeled Metal Filter, Rust Proof, Can be Removed for Cleaning and Replaced.

Size, Inches	1/4	5/8
Per Dozen	\$1.50	1.50

Will protect China and Glassware from being broken or chipped, and will change the flow into an even, noiseless, non-splashing stream.

One Dozen on a Display Card.

WATER FILTERS

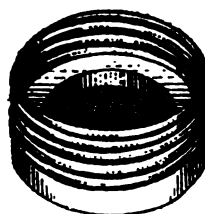


Full Size.

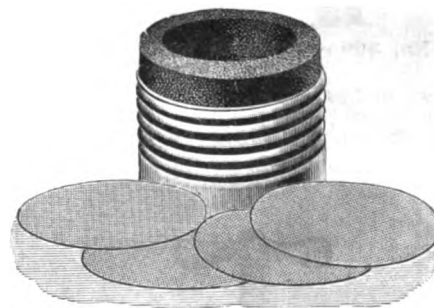
No. 4—Filter and Anti-Splasher, Brass, Nickel Plated, Patented Ball Valves, Screws on Universal Size Faucets**\$1.50**

Per Dozen

One Dozen in a Box.



No. 15, for Threaded Faucets.



Cut Showing Rubber Gasket for Attaching to Plain Faucets.

No. 15—Eureka No-Splash, Combined Filter and No-Splash, Nickel Plated Brass and Rubber, for Thread Faucets, Complete with Inserted Rubber Gasket for Any Size Plain Faucets.....**\$0.90**

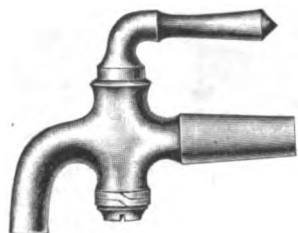
Per Dozen

A perfect strainer and filter, consisting of four screens and rubber gasket, catches all insects, bugs and vegetable matter so common in all city water. Does not hang in the way of any kettles, etc.

Three Dozen in a Box, with Display Card.

BRASS FAUCETS

PLAIN BIBBS

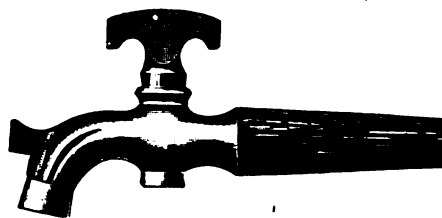


No. 3405—Tinned Shank, to Solder, Finished Brass.

Size, Inches	1/4	3/8	1/2	5/8	3/4
Wt. Per Dozen, Lbs.	5	6	7	10	14
Per Dozen	\$25.80	26.40	27.00	37.20	47.40

One-half Dozen in a Box.

RACKING COCKS

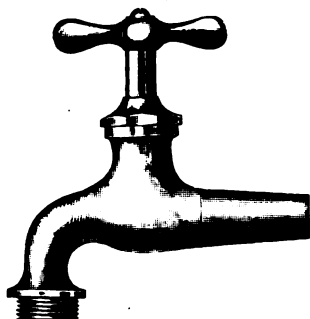


Polished Brass, to Drive.

Nos.	10	11	12	13	14
Inches	1/4	3/8	1/2	5/8	3/4
Wt. Per Dozen, Lbs.	4	5	6 1/2	9 1/2	12
Per Dozen	\$8.00	10.00	13.00	18.00	27.00

Nos. 10 to 12, One Dozen; Nos. 13 and 14, One-half Dozen in a Box.

COMPRESSION BIBBS

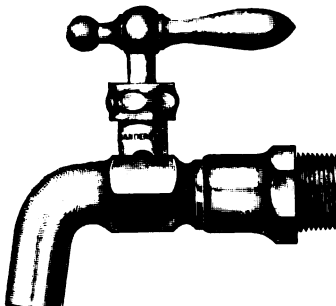


No. 3039—Hose, for Lead Pipe, Finished Brass.

Size, Inches	1/4	3/8	1/2
Wt. Dozen, Lbs.	10	12 1/2	15
Per Dozen	\$24.00	30.00	38.40

One-half Dozen in a Box.

FULLER BIBBS



For Iron Pipe, with Shoulder.

No. 3200—Finished Brass.

Size, Inches	1/4	5/8
Wt. Dozen, Lbs.	12	14
Per Dozen	\$23.40	27.60

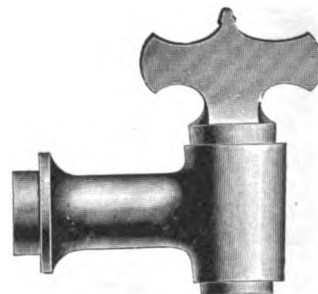
No. 3200N—Nickel Plated.

Size, Inches	1/4	5/8
Per Dozen	\$28.20	32.40

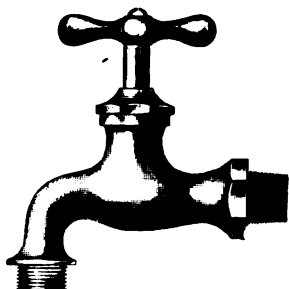
COMPRESSION COCKS

To Solder. Per Dozen
No. 900—1/4 inch, Rough Brass,
with Flange, for Metal Cans. \$4.50
One Dozen in a Box.To Solder. Per Dozen
No. 1—1/4 inch, Tinned Iron, with
Flange, for Metal Cans. \$1.50
One Dozen in a Box.

MILK CAN FAUCETS

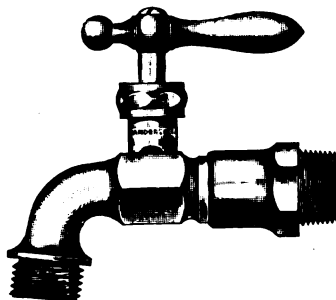
To Solder. Per Dozen
No. 553—5/8 inch, Polished Brass,
with Flange. \$11.00
One Dozen in a Box.

FULLER BALLS

No. X967—Red, for Hot Water.
Size, Inches 1/4 5/8
Per Dozen \$0.60 1.00
No. 409—Black, for Cold Water.
Size, Inches 1/4 5/8
Per Dozen \$0.35 .60No. 3000—Screwed for Iron Pipe,
Finished Brass.

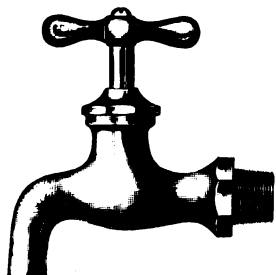
Size, Inches	1/4	3/8	1/2
Wt. Dozen, Lbs.	10	12 1/2	15
Per Dozen	\$19.80	25.20	33.00

One-half Dozen in a Box.

No. 3201—Hose, for Iron Pipe, with
Shoulder, Finished Brass.

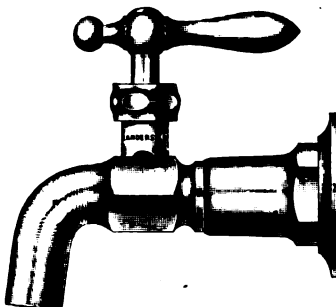
Size, Inches	1/4	5/8
Wt. Dozen, Lbs.	13	15
Per Dozen	\$27.00	31.20

One-half Dozen in a Box.

No. 3001—Hose, Screwed, for Iron Pipe,
Finished Brass.

Size, Inches	1/4	3/8	1/2
Wt. Dozen, Lbs.	12	13 1/2	16
Per Dozen	\$22.80	28.20	36.00

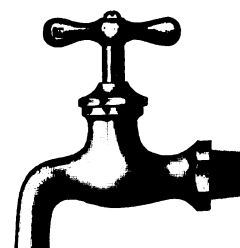
One-half Dozen in a Box.

No. 3206—For Iron Pipe, Hexagon
Flange, Inside Thread, Finished
Brass.

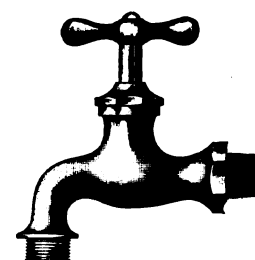
Size, Inches	1/4	5/8
Wt. Dozen, Lbs.	15	18
Per Dozen	\$29.40	34.80

One-half Dozen in a Box.

|

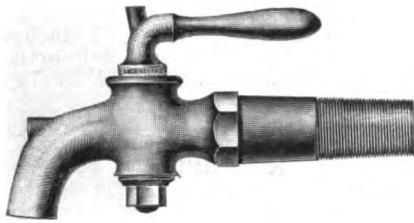


This is correct cut of No. 3000 Bibb.
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This is correct cut of No. 3001 Bibb.
Through error cuts on page were transposed.

PETROLEUM OIL FAUCETS



Japanned Iron, Brass Key, Lever Handle, Screw Shank.

Nos.	13	14	5	6	7
Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1
Wt. Per Dozen, Lbs.	5 $\frac{1}{2}$	9	12 $\frac{1}{2}$	16 $\frac{1}{2}$	25 $\frac{1}{2}$
Per Dozen	\$10.00	11.00	13.00	16.00	23.00

One-half Dozen in a Box.

LOCK OIL BIBBS



A new Bibb for Oil Barrels and Tanks, with Malleable Hinged Lever. When Bibb is closed the hinged handle drops over the brass staple or loop on Bibb. This staple or loop is large enough to use a padlock and lock the Bibb.

New Metal, Finished and Tested for Use with Oil or Gasoline, Threaded for Iron Pipe.

Size, Inches	$\frac{1}{2}$	★ $\frac{3}{4}$
Weight Per Dozen, Lbs.	10 $\frac{1}{2}$	14 $\frac{1}{2}$
Per Dozen	\$15.00	18.00

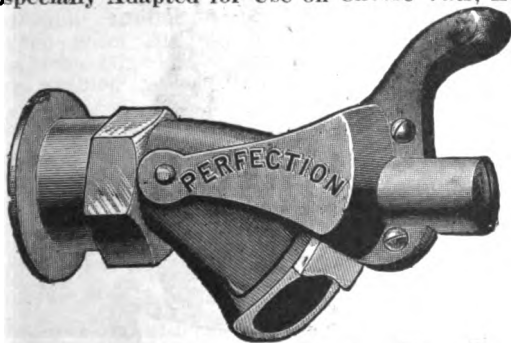
One Dozen in a Box.

★Threaded for $\frac{3}{4}$ inch Iron Pipe.

MOLASSES AND OIL GATES

PERFECTION PATTERN, FLANGED

Especially Adapted for Use on Cheese Vats, Etc.



With Flange, Threaded Inside for Iron Pipe, Japanned.

Nos.	49	50	51
Size, Inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Weight Per Dozen, Lbs.	24	34	43
Per Dozen	\$14.00	16.50	20.00

Same as Above, Porcelain Lined.

Nos.	252	252 $\frac{1}{2}$
Size, Inches	2	3
Weight Per Dozen, Lbs.	53	102
Per Dozen	\$50.00	62.50

One-half Dozen in a Box.



COLLARS FOR WEIGH CAN GATES

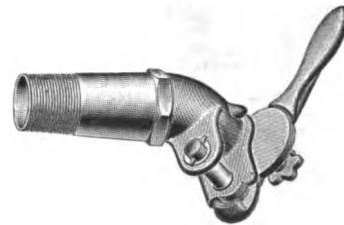
Galvanized Iron, Threaded.

Inches	2	8
Per Dozen	\$7.00	10.00

This Collar is to be riveted and soldered to the can and the Gate then screwed into it.

MOLASSES AND OIL GATES

STEBBIN'S

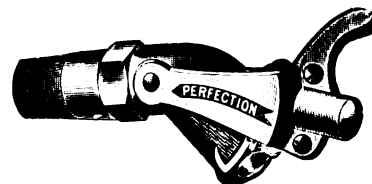


Japanned Iron, Polished Face and Cut-off, Thread for Wood, Taper Shank.

Nos.	1G	2G	3G	4G	5G
Size of Bore, Inches....	1	1 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Wt. Per Dozen, Lbs....	10	16	23	27	29
Per Dozen	\$7.00	8.00	9.00	10.00	12.00

One-half Dozen in a Box.

PERFECTION PATTERN



Japanned Iron, Self-Adjusting, Tapered Screw Shank for Wood, Milled Face.

Nos.	40	41	42	43	44	44 $\frac{1}{2}$
Size of Bore, In...	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	3
Wt. Dozen, Lbs...	17	23	33	42	56	87
Per Dozen	\$12.00	14.00	16.50	20.00	28.00	36.00

Plain Tinned Shank, Same Description as Above.

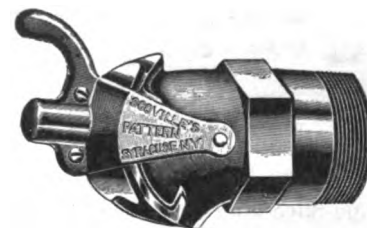
Nos.	45	46
Size of Bore, Inches....	2	3
Per Dozen	\$28.00	36.00

One-half Dozen in a Box.

WEIGH CAN GATES

PERFECTION

For All Kinds of Fluid and Oil.



Downward Discharge, Porcelain Lined, Screw Shank, Japanned, without Collar.

Nos.	353	354
Size of Bore, Inches....	2	3
Weight Per Dozen, Lbs.	53	102
Per Dozen	\$50.00	62.50

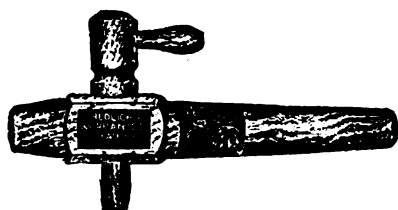
Straight Discharge, Porcelain Lined, Screw Shank, Japanned, without Collar.

No.	254
Size of Bore, Inches....	3
Per Dozen	\$62.50

One-half Dozen in a Box.

WOODEN FAUCETS

REDLICH'S



Cork Lined, Fully Saturated with India Rubber.

Nos.	1	2	3	4	5	6
Length, Inches	7	8	8 1/2	9 1/2	10 1/2	11 1/2
Wt. Dozen, Lbs.	3 1/2	4	4 1/2	5	6	7
Per Dozen	\$1.00	1.25	1.50	1.75	2.00	2.25

Open Stock.

METAL KEY

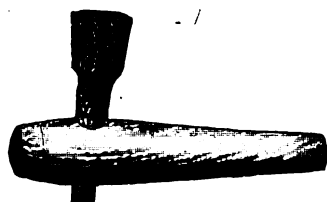


Hard Maple, Polished, Leather Lined.

Nos.	0	1
Length, Inches	7	9
Weight Per Dozen, Lbs.	5 1/2	6 1/2
Per Dozen	\$3.50	4.50

Open Stock.

FLAT KEY

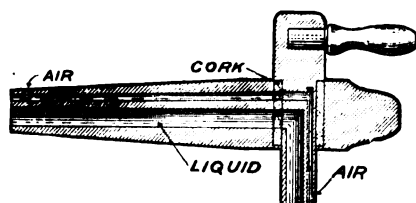


No. 18—Red Cedar, 8 inches Long.	Per Dozen	\$1.50
No. 19—Oak, 9 inches Long.		2.00
No. 20—Cherry, 9 inches Long.		2.50

Average Weight Per Dozen 4 Pounds.

Open Stock.

AUTOMATIC



Best Quality Non-Shrinking Timber, Oiled and Cork Lined.

Nos.	1 1/2	8
Length, Inches	8 1/2	9 1/2
Flow, Inches	3/8	1/2
Weight Per Dozen, Lbs.	6	8
Per Dozen	\$3.00	4.00

With the Automatic Faucet no vent is necessary. The air supply is admitted through the faucet itself. By placing the tip of the nozzle in the top of the measure, you may turn your faucet, go away if you wish. When the measure is filled the air supply is shut off, and the flow of liquid is stopped automatically.

BEER FAUCETS



No. 16—Redlich's, 16 inches Long, Cork Lined, Saturated with Oil, Suitable for Ice Boxes, Weight Per Dozen 10 Lbs.	Per Dozen	\$4.00
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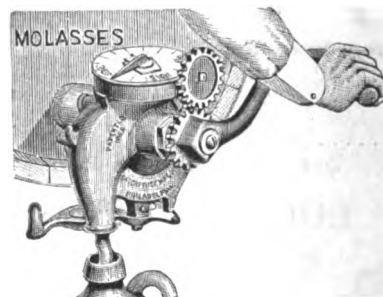
BEER VENTS



No. 7—Redlich's, 7 inches Long, Hardwood, Self-Acting and Musical	Per Dozen	\$3.00
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SELF-MEASURING FAUCETS

ENTERPRISE



Improved Patent Suction and Force Measuring Faucet.

No. 61—Tinned, for Molasses, Thick Oil, Varnish, Etc., Weight Each 10 Lbs.	Each	\$4.00
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Warranted to measure correctly and draw a gallon of molasses in winter in one minute.

Each Faucet is warranted to measure according to U. S. Standard.

It saves time as it draws molasses directly into a jug or bottle without the use of a funnel.

It is cleaner, as it dispenses with the use of measures and consequently free from flies and dirt.

SELF-PRIMING AND MEASURING PUMPS

ENTERPRISE



With New Total Registering Device.

No. 97P—54 inches Long, Tinned for Measuring Molasses, Heavy Oils, Tar, Etc., with Patent Clamp, Operated by a Thumb Screw Only, to Fasten to Barrel, Weight Each 30 Lbs.	Each	\$12.00
No. 97A—Augers, 3 inch Diameter, for Use with No. 97P Pump		1.60

Registering Device shows the quantity taken out of barrel. Each revolution of the crank pumps a gill, 4 revolutions a pint, etc.

One in a Crate.

CORK DRIVERS



No. 8—12 inches Long, Polished Hardwood, with Plunger	Per Dozen	\$8.00
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Open Stock.

MINCING KNIVES



No. 3—Single, Polished Steel Blade, Malleable Iron Braced Shank, Polished Wood Handle\$0.90

One Dozen in a Box.



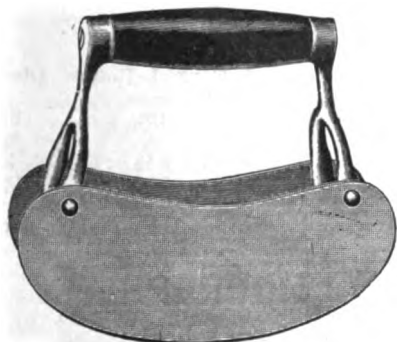
No. 4—Double, Heavy Polished Steel Blades, Malleable Iron Lip Shanks, Polished and Varnished Natural Wood Handle\$1.30

One Dozen in a Box.



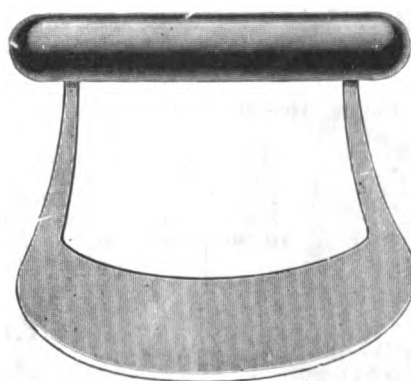
No. 5—Single, Heavy Polished Steel Blade, Heavy Iron Handle and Frame, Well Enamelled\$2.00

One Dozen in a Box.



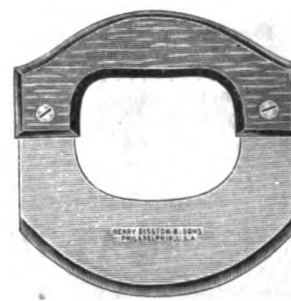
No. 200—Double, Polished and Tempered Steel Blades, Japanned Iron Braced Shanks, Cherry Stained Wood Handle\$2.20

One-half Dozen in a Box.



No. 7—Single, Extra Quality Hand Forged Steel Blade, Well Tempered, Polished Oil Finish, Black Enamelled Wood Handle\$4.30

One Dozen in a Box.



No. 6—Single, Crucible Steel Blade, Beechwood Handle, Varnished Edges, Brass Screws\$3.80

One-half Dozen in a Box.

MINCING KNIVES

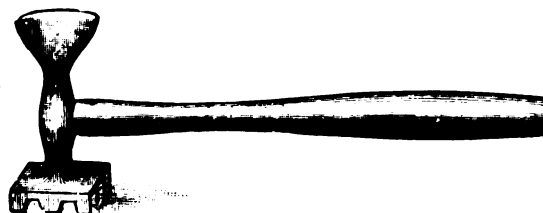


No. 40—Sensible, 5 3/4 inches High Over All, 8 inches of Cutting Surface, Four Removable Tempered Nickel Plated Steel Blades, Japanned Iron Handle. Easy to Clean\$2.40

Very desirable for cutting salads, hashing meats, vegetables, etc.

One Dozen in a Box.

STEAK HAMMERS



No. 2—Combined Steak Hammer and Ice Hatchet, 10 inches Long, Tinned Iron, Polished Wood Handle...\$1.80

One-half Dozen in a Box.

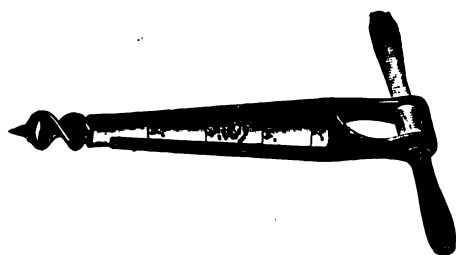
SELECTING HOOKS



No. 13—13 inches Long, Solid Forged Steel Hook, 1/2 inch Diameter, Hook Driven Through Handle and Riveted, Tinned Finish, Varnished Hardwood Handle\$4.00

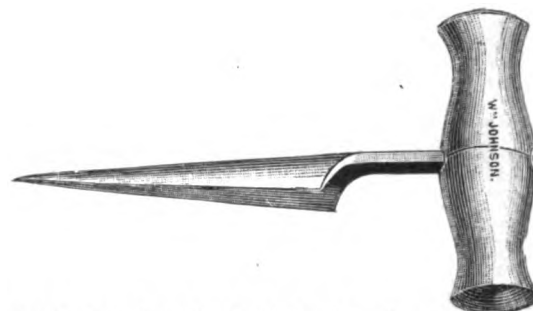
One-half Dozen in a Box.

BUNG HOLE BORERS



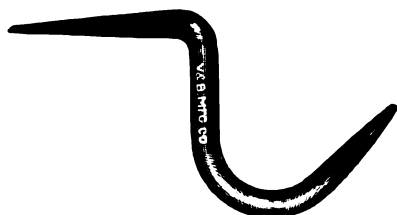
No. 6020—Graduated, Tempered Steel Castings, Polished Blades with Cook's Bit, Hardwood Handle.		
Size Nos.	1	2
Bore Holes, Inches.	$\frac{3}{8}$ to $1\frac{1}{2}$	$1\frac{1}{8}$ to 2
Weight Per Dozen, Lbs.	13	28
Per Dozen	\$15.00	19.80
Extra Bits	Per Dozen, 3.50	5.00
One in a Package.		

CABBAGE CORERS



Polished Forged Bar Steel Blade, Hardened and Tempered, Wood Handle.		
Nos.	416	417
Width of Blade, Inches.	1	$1\frac{1}{2}$
Weight Per Dozen, Lbs.	$3\frac{3}{4}$	$4\frac{1}{4}$
Per Dozen	\$4.00	6.00
One Dozen in a Box.		

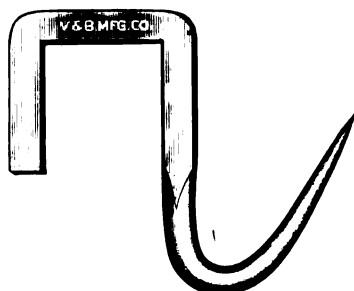
MEAT HOOKS



To Drive, Forged Solid Steel, Hand Forged Points, Heavily Tinned.		
Nos.	12	18
Diameter of Steel, Inches.	$\frac{1}{4}$	$\frac{1}{8}$
Length of Drop, Inches.	$2\frac{1}{4}$	$2\frac{1}{2}$
Hook Projects, Inches.	2	$2\frac{1}{2}$
Per Gross	\$11.00	16.00

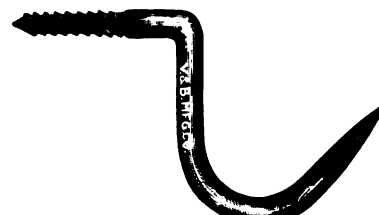
One-half Gross in a Box.

MEAT HOOKS



For Bars, Forged Solid Steel, Hand Forged Points, Heavily Tinned.		
Nos.	022	90
Diameter Steel, Inches.	$\frac{1}{8}$	$\frac{1}{4}$
Fits Bar, Inches.	2	2
Length, Inches.	$4\frac{3}{4}$	4
Hook Projects, Inches.	$2\frac{3}{4}$	$2\frac{1}{2}$
Per Dozen	\$1.50	1.10

One Dozen in a Box.



To Screw, Forged Solid Steel, Hand Forged Points, Gimlet Pointed Threads, Heavily Tinned.		
Nos.	22	23
Diameter of Steel, Inches.	$\frac{1}{4}$	$\frac{1}{8}$
Length of Drop, Inches.	$2\frac{1}{4}$	$2\frac{1}{2}$
Hook Projects, Inches.	2	$2\frac{1}{2}$
Per Gross	\$11.00	16.00
Nos. 22 and 23, One-half Gross; No. 24, One-quarter Gross in a Box.		

KITCHEN CHOPPERS

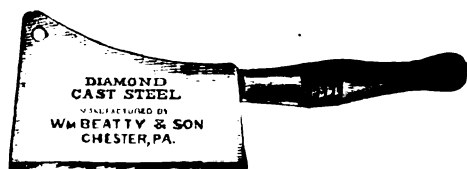


No. 8—Royal, $6\frac{1}{2}$ x 3 inch Solid Steel Blade, Tempered, Hardwood Handles		Per Dozen \$6.00
One Dozen in a Box.		



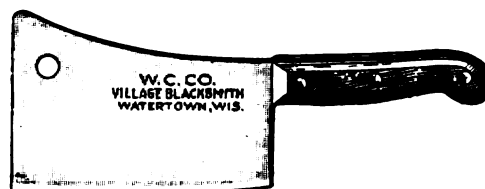
No. BB7—Household, $7\frac{1}{4}$ x 3 inch Oil Tempered Steel Blade, Rubber Finished Hardwood Handle.		Per Dozen \$5.00
One Dozen in a Box.		

FAMILY CLEAVERS



No. 30—Beatty's Diamond, $6\frac{1}{2}$ x 4 inch Solid Tempered Steel Blade, Riveted Tang, Strong Burnished Fer- rule, Hardwood Handle.		Per Dozen \$7.50
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One Dozen in a Box.



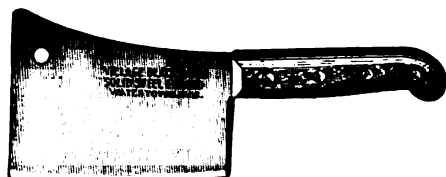
"Village Blacksmith," Forged One-Piece Tool Steel Blade, Polished Walnut Handle, Large Brass Rivets.	
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No. 23V—Length of Blade 6 inches, Weight Per Dozen 12 Lbs.		Per Dozen \$ 8.50
No. 33 $\frac{1}{2}$ —Length of Blade $7\frac{1}{2}$ inches, Weight Per Dozen 18 Lbs.		10.50

One-half Dozen in a Box.

HOTEL CLEAVERS

VILLAGE BLACKSMITH



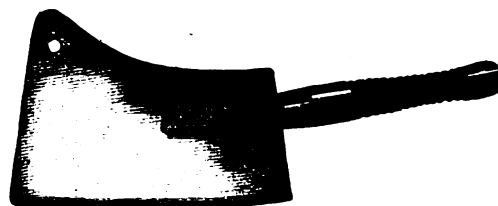
No. 48—One-Piece Forged Tool Steel Blade, Tempered to Carry a Lasting Edge, Beech Handle, Iron Rivets.

Length of Blade, Inches....	5	6	7
Length of Handle, Inches....	5	5	5
Weight Each, Lbs.....	$\frac{3}{4}$	1	$1\frac{1}{4}$
Per Dozen	\$6.50	7.50	10.50

One-half Dozen in a Box.

BUTCHERS' CHOPPERS

BEATTY'S



Extra Heavy Steel Blades, Varnished Hickory Handle.

Nos.	29	30	31
Size Nos.	00	0	1
Cut, Inches	7	8	9
Weight Each, Lbs.....	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per Dozen	\$21.75	24.00	27.00

One-half Dozen in a Package.

MARKET CLEAVERS

VILLAGE BLACKSMITH



No. 064—Standard Patterns, One-Piece Forged Tool Steel Blade, Tempered to Carry a Lasting Edge, Polished Walnut Handle, Large Brass Tubular Rivets.

Length of Blade, Inches..	8	9	10	12
Length of Handle, In....	8	8	10	14
Weight Each, Lbs.....	3	$3\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$
Per Dozen	\$27.40	30.30	33.10	40.30

One Dozen in a Wooden Case.

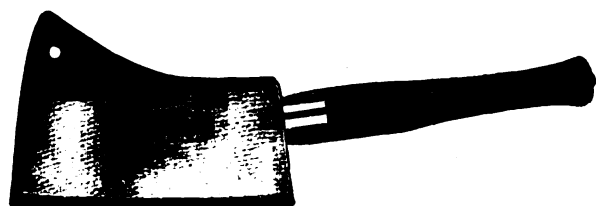
No. 065—Cord Wound, One-Piece Forged Tool Steel Blade, Tempered to Carry a Lasting Edge, Cord Wound Handle.

Length of Blade, Inches..	8	9	10	12
Length of Handle, Inches	8	8	10	14
Weight Each, Lbs.....	3	$3\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$
Per Dozen	\$27.40	30.30	33.10	40.30

One Dozen in a Wooden Case.

BUTCHERS' CLEAVERS

BEATTY'S



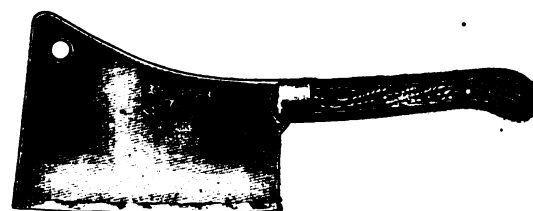
Extra Heavy Steel Blade, Varnished Hickory Handle.

Nos.	10	11	12	18
Size Nos.	0	1	2	3
Cut, Inches	7	8	9	10
Weight Each, Lbs.....	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$4\frac{1}{4}$
Per Dozen	\$24.75	27.00	30.00	33.00

Nos.	14	15	17
Size Nos.	4	5	7
Cut, Inches	11	12	14
Weight Each, Lbs.....	$4\frac{1}{2}$	5	$6\frac{1}{4}$
Per Dozen	\$36.75	40.50	50.25

One-quarter Dozen in a Package.

FOSTER BROS.'



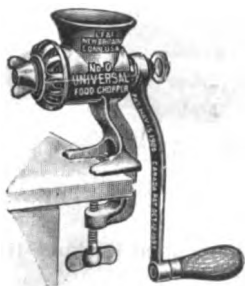
Cast Steel Blade, Shank Runs Through Handle and is Riveted, Polished Hardwood Handle.

Nos.	80	90	100
Cut, Inches	8	9	10
Length of Handle, Inches.	9	10	10
Weight Each, Lbs.....	3	$3\frac{1}{2}$	$4\frac{1}{2}$
Per Dozen	\$32.80	35.70	39.10

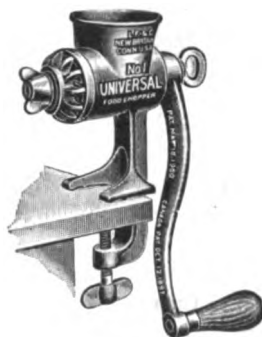
One-quarter Dozen in a Package.

MEAT AND FOOD CHOPPERS

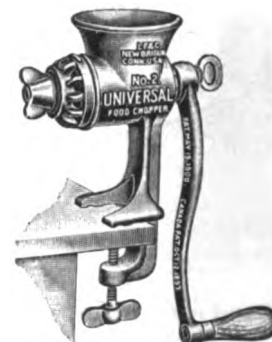
UNIVERSAL



No. 0.



No. 1.



Nos. 2 and 3.

Heavily Tinned, All Parts Interchangeable, with 7 Cutting Teeth Inside of Barrel.

- Per Dozen
- No. 0—Small Family Size, 2 1/2 x 2 1/2 Inch Hopper, Diameter of Barrel 1 1/4 Inches, Height Over All 8 Inches, 3 Cutters, Coarse, Medium and Fine, Chops 1 1/2 Lbs. Per Minute, Weight Per Dozen 48 Lbs. \$15.00
- No. 1—Regular Family Size, 2 1/4 x 3 1/2 Inch Hopper, Diameter of Barrel 2 Inches, Height Over All 8 1/2 Inches, 4 Cutters, Coarse, Medium, Fine and Nut Butter Grinder, Chops 2 Lbs. Per Minute, Weight Per Dozen 64 Lbs. 18.00
- One-half Dozen in a Case.

- No. 2—Large Family Size, 3 1/4 x 3 3/4 Inch Hopper, Diameter of Barrel 2 1/4 Inches, Height Over All 9 Inches, 4 Cutters, Coarse, Medium, Fine and Nut Butter Grinder, Chops 2 1/2 Lbs. Per Minute, Weight Per Dozen 70 Lbs. \$21.00

- No. 3—Hotel and Market Size, 4 x 4 1/2 Inch Hopper, Diameter 2 1/2 Inches, Height Over All 11 Inches, 4 Cutters, Very Coarse to Very Fine, Chops 3 Lbs. Per Minute, Weight Per Dozen 120 Lbs. 27.00

One-half Dozen in a Case.

Will chop all kinds of meat, raw or cooked, and all kinds of fruits and vegetables into clean-cut, uniform pieces—fine or coarse, as wanted—without mashing, and with great rapidity.

STUFFING ATTACHMENT



One Piece Seamless Brass Tubing Spun into Shape, Heavily Nickel Plated.

- Per Dozen
- No. 9—7 inches Long, for No. 2 Universal Chopper. \$4.56
- No. 09—7 1/2 inches Long, for No. 3 Universal Chopper. 4.56

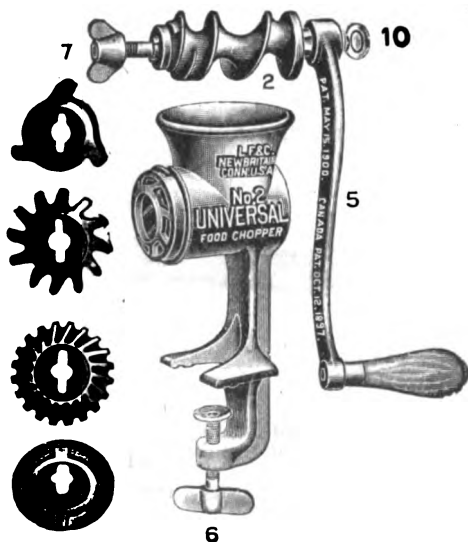
A thread on the end of the barrel of the machine fits in the end of the stuffing attachment making positive but instantaneous attaching possible.

EXTRA PARTS FOR UNIVERSAL CHOPPERS

(Prices Given are Each.)

For Choppers, Nos.	0	1, 2	3
No. 1 —Body	\$0.75	1.00	1.50
No. 2 —Forcer	.35	.50	.60
No. 3A—Coarse Cutter	.15	.15	.25
No. 3B—Medium Cutter	.15	.15	.25
No. 4 —Pulverizer	.15	.15	.25
No. 5 —Crank	.20	.25	.30
No. 6 —Clamp Screw	.13	.13	.20
No. 7 —Thumb Nut	.10	.10	.10
No. 8 —Nut Butter Grinder	...	.20	...
No. 10 —Thumb Screw	.10	.10	.10

Note—In ordering Extra Parts, always give Component Part Number and Name, also Number of Chopper for which Part is wanted. Minimum Charge for Repairs will be 10 cents.



UNIVERSAL FOOD CHOPPER STAND

11 Inches High, 15 Inch Diameter Top, Hardwood, Nicely Finished and Stained.

This Stand will hold one dozen Universal Food Choppers. Can be set on the end of the counter, or in the show window, making a handsome and attractive exhibit, increasing your sales of the Universal Chopper.

This handsome Stand will be furnished free with an order for two dozen or more of Universal Food Choppers.

MEAT CHOPPERS

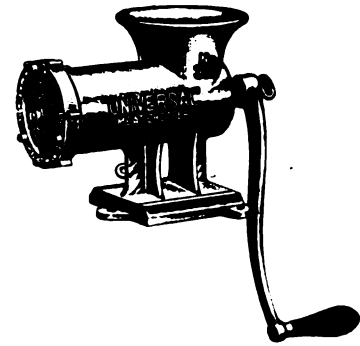
UNIVERSAL



Nos. 323 and 333.



Nos. 331 and 304.



No. 305.

Heavily Tinned, All Parts Interchangeable.

With Solid Table Clamp.

Nos.	323	333
Diameter of Hopper, Inches.....	3x4	4x5
Diameter of Barrel, Inches.....	2 1/2 x 1 1/2	2 1/2 x 2 1/2
Chops Lbs. Per Minute.....	2 1/2	3
Height Over All, Inches.....	10	13 1/4
Weight Each, Lbs.....	5	9 1/4
Weight Per Dozen, Lbs.....	74	130
Each	\$2.00	3.00

Six in a Case.

With Adjustable Base Plate and Thumb Screw.

Nos.	331	304	305
Diam. of Hopper, Inches.....	4x5	5x6	6x7
Diam. of Barrel, Inches.....	2 1/2 x 2 1/2	2 1/2 x 3 1/4	3 1/4 x 4
Chops Lbs. Per Minute.....	3	4	5
Height Over All, Inches.....	9	8 3/4	9 1/4
Weight Each, Lbs.....	9 1/4	16	27
Weight Per Dozen, Lbs.....	130	260	400
Each	\$2.75	5.00	6.50

No. 331, Six; Nos. 304 and 305, Three in a Case.



No. 344.



No. 345.

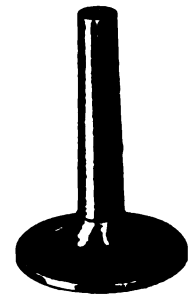
Geared, with Heavy Adjustable Base Plate and Thumb Screw.

Nos.	344	345
Diameter of Hopper, Inches.....	5x6	6x7
Diameter of Barrel, Inches.....	2 1/2 x 3 1/4	3 1/4 x 4
Diameter of Large Gear, Inches.....	8 3/4	8 3/4
Chops Lbs. Per Minute.....	4	5
Height Over All, Inches.....	8 3/4	9 1/4
Weight Each, Boxed, Lbs.....	40	52
Each	\$8.50	10.50

One in a Case.



Cut Shows Extra Parts.



Stuffing Attachment

Made of Brass, Nickel Plated. Very strong and durable.

For prices see Table of Parts.

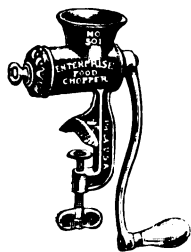
EXTRA PARTS FOR UNIVERSAL MEAT CHOPPERS

For Chopper Nos.	323	333	331	304	305	344	345
Body of Cylinder.....	Each, \$1.25	1.75	1.50	2.50	3.50	3.00	4.00
Worm or Feed Screw.....	Each, .50	.75	.75	1.25	1.75	1.25	1.75
Knife	Each, .20	.25	.25	.35	.50	.35	.50
Perforated Plate	Each, .25	.45	.45	.60	.80	.60	.80
Ring	Each, .25	.30	.30	.60	.80	.60	.80
Crank	Each, .25	.30	.30	.50	.60	.50	.60
Thumb Screw	Each, .15	.20	.15	.20	.25	.20	.25
Clamp Screw	Each, .25	.25	...	...	...	...	...
Stud	Each, .20	.25	.25	.30	.35	.30	.35
Base Plate	Each, ...	...	.50	.60	.75	1.75	2.00
Base Plate Thumb Screw.....	Each, ...	...	.20	.20	.20	.20	.20
Large Gear	Each, ...	...	...	...	...	1.60	1.60
Small Gear	Each, ...	...	...	...	...	1.20	1.20
Stuffing Attachment, 1/4 Inch.....	Dozen, 6.00	6.50	6.50	8.00	9.25	8.00	9.25

Note—In ordering Parts always give Name of Part and Number of Chopper for which Part is wanted. Minimum charge for Repairs will be 10 cents.

FOOD CHOPPERS

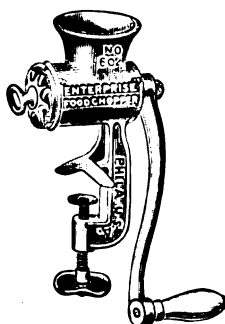
ENTERPRISE



Tinned, with Table Clamp.

Per Dozen
No. 501—Small Size, Chops 2
Lbs. of Meat Per Minute,
with Four Knives, Weight
Each 4 Lbs. \$18.00

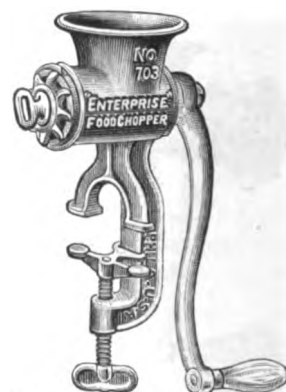
One Dozen in a Case.



Tinned, with Table Clamp.

Per Dozen
No. 602—Medium Size, Chops
2½ Lbs. of Meat Per Minute,
with Four Knives,
Weight Each 4½ Lbs. \$20.50

One Dozen in a Case.



Tinned, with Table Clamp.

Per Dozen
No. 703—Large Size, Chops 3
Lbs. of Meat Per Minute,
with Four Knives, Weight
Each 8 Lbs. \$31.50
One-half Dozen in a Case.

DESCRIPTION OF THE FOUR KNIVES



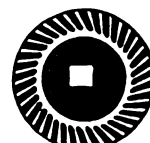
Fine.



Medium.



Coarse.



Nut Butter Cutter.

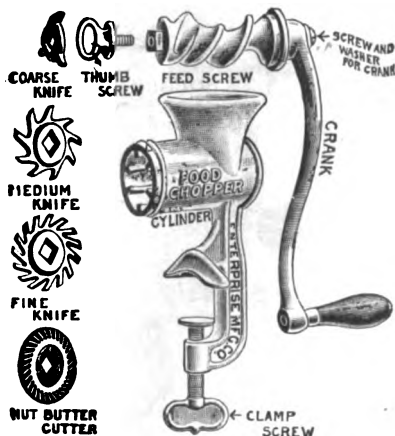
The Fine Knife is intended for chopping Sausage and Mince Meat, Hamburg Steak, Croquettes, Cocoanut, Horse Radish, Stale Bread and Crackers for Crumbs, etc.

The Medium Knife is intended for chipping Scrapple, Codfish, Corn for Fritters, Scrap Meat for Poultry, etc.

The Coarse Knife is intended for chopping Hash, Hogs Head Cheese, Tripe, Chicken and Lobster for Salads, Vegetables of all kinds for Soups, etc.

The Nut Butter Cutter is intended for making Butter from nuts of an oily nature.

EXTRA PARTS FOR ENTERPRISE FOOD CHOPPERS



Stuffing Attachment.

For Choppers, Nos.	501	602	703
Cylinder	Each, \$0.50	.75	1.25
Feed Screw	Each, .40	.50	.75
Knife	Each, .10	.10	.15
Crank	Each, .30	.30	.30
Thumb Screw	Each, .15	.15	.15
Cross Bar or Washer	Each, .10	.10	.20
Clamp Screw	Each, .20	.20	.20
Screw and Washer for Crank	Each, .10	.10	.10

STUFFING ATTACHMENT

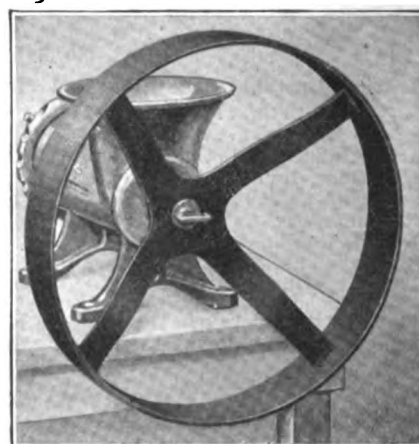
With New Patent Corrugated Spout, Nickel Plated.

Nos.	0501	0602	0703
For Choppers, Nos.	501	602	703
Per Dozen	\$6.00	6.00	7.00

Fit Chopper with coarse knife and thumb screw and over these screw Attachment to the end of cylinder. The New Patented Corrugated Spout prevents air entering the casing, thus assuring the preservation of sausage.

POWER PULLEYS

PLANK'S



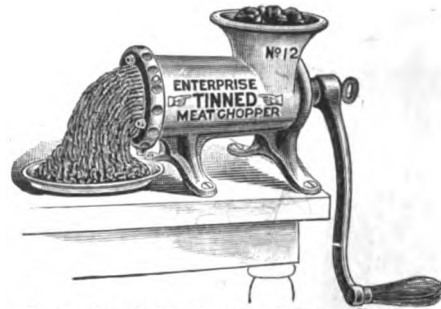
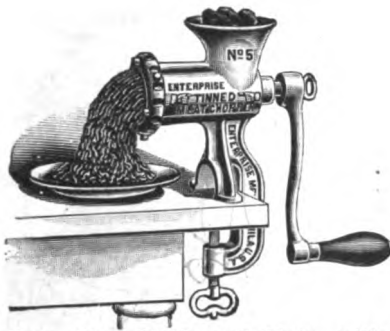
For Enterprise Meat Choppers, Cast Iron, Bright Red Enamelled.

Easily attached, remove handle of machine, slip on the Pulley, tap Pulley lightly with hammer when placed on shaft, and replace thumb screw. These Pulleys will stand all necessary strain to run their respective machine. The face of the Pulley is brought away from the hopper of the machine, which prevents accidents.

No.	Each
No. 10-12—2½ inches Wide, 12 inch Diameter, for Nos. 10 and 12 Choppers, Weight 7 Lbs.	\$1.35
No. 22—2½ inches Wide, 12 inch Diameter, for No. 22 Chopper, Weight 7 Lbs.	1.35
No. 32—3½ inches Wide, 14 inch Diameter, for No. 32 Chopper, Weight 11 Lbs.	1.65

MEAT AND FOOD CHOPPERS

ENTERPRISE



Tinned Iron, Steel Knife and Plate, with Clamp.			
Nos.	5	10	
Chops Per Minute, Lbs.	1½	3	
Weight Each, Lbs.	4¾	8¾	
Each	\$2.00	3.00	

Six in a Case.

Tinned Iron, Steel Knife and Plate, Screws to Table.			
Nos.	12	22	32
Chops Per Minute, Lbs.	3	4	5
Weight Each, Lbs.	9	14	22
Each	\$2.75	5.00	6.50

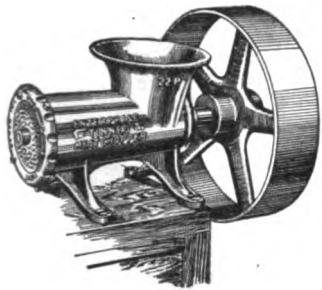
Six in a Case.

No. 5 is Family Size; No. 10 Restaurant Size; Nos. 12 and 22 especially intended for Butchers, Market Men, Farmers, Poultry Men, Hotels and Restaurants; No. 32 adapted for Butchers' use, also for the larger Hotels, Restaurants, Public Institutions, etc.

Enterprise Meat Choppers cut the meat as with a Pair of Scissors, and do not grind or tear it. It is impossible for any Strings, Sinews or Gristle to pass through without being chopped. All parts are interchangeable.

One Plate Only (with Standard Size $\frac{1}{8}$ inch Holes) Furnished with Each Chopper. We can furnish other plates with holes of various sizes, for finer or coarser cutting. (See List of Parts.)

ENTERPRISE POWER



One Plate only (standard size $\frac{1}{8}$ inch holes) is furnished with this Machine. Other Plates for finer or coarser cutting can be had.

Tinned Iron, with Pulley for Power.

No. 22P—Chops 150 Lbs. of Beef Per Hour, Size of Pulley 2x12 inches, Speed of Pulley 350 to 400 Revolutions Per Minute, $\frac{1}{2}$ to $\frac{3}{4}$ Horse Power, Weight Each Complete 26 Lbs.		Each
		\$9.00

One in a Case.

These Power Choppers do not heat or discolor the meat, they are absolutely noiseless and are easily cleaned.



ENTERPRISE NEW POWER

Especially constructed for the use of Farmers and Butchers who do not require a large powerful machine.

A crank can be attached to this Machine in case of emergency.

Each Machine is furnished with four Knives and four Plates, one fine ($\frac{1}{8}$ inch hole), one standard ($\frac{1}{4}$ inch hole), one medium ($\frac{1}{2}$ inch hole), one coarse ($\frac{3}{4}$ inch Hole).

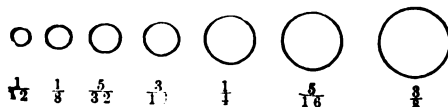
Tinned Iron, with Pulley for Power.

Nos.	612	622	632
Chops Three Times Per Hour, Lbs.	100	150	200
Height, Inches	11	14½	13¾
Width, Inches	13	15	16½
Hopper, Inches	6x7	6¾x7¾	7½x9
Base, Inches	4½x4¾	5¾x6	7x7¾
Pulley, Inches	10x1¾	13x2	12x2¾
Horse Power Required..	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{2}$ to 1	1 to 2
Speed of Pulley, R. P. M.	350 to 400	350 to 400	350 to 400
Weight Each, Lbs.	23	39	57
Each	\$12.50	17.50	25.00

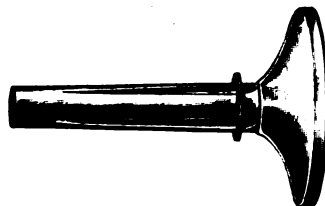
EXTRA PARTS FOR ENTERPRISE MEAT CHOPPERS
(Prices Given are Each)

For Choppers, Nos.	5	10	12	22	32
Cylinder	\$1.25	1.75	1.50	2.50	3.50
Feed Screw .....	.50	.75	.75	1.25	1.75
Washer for Feed Screw .....	.15	.15	.15	.20	.30
Knife .....	.20	.25	.25	.35	.50
Plate with $\frac{1}{8}$ inch Hole or Larger .....	.25	.45	.45	.60	.80
Plate with $\frac{1}{4}$ or $\frac{1}{2}$ inch Hole .....	.50	.60	.60	.75	1.30
Plate with $\frac{3}{4}$ inch Hole .....	.70	.90	.90	1.20	2.30
Ring .....	.25	.30	.30	.60	.80
Crank .....	.25	.30	.30	.50	.60
Thumb Screw .....	.15	.20	.20	.20	.25
Crossbar or Washer .....	.10	.30	.....	.....	.....
Clamp Screw .....	.25	.25	.....	.....	.....
Stud .....	.20	.25	.25	.30	.35
Socket .....	.....	.50	.....	.....	.....
Fly Wheel and Handle .....	.....	.....	.....	2.75	4.00

Note—In ordering Parts always give Name of Part and Number of Chopper for which Part is wanted.



Standard
Cut Shows Size of Holes in Plates.



New Patent Corrugated Spout, Solid Spun Brass, Nickel Plated, $\frac{3}{4}$ inch Opening.

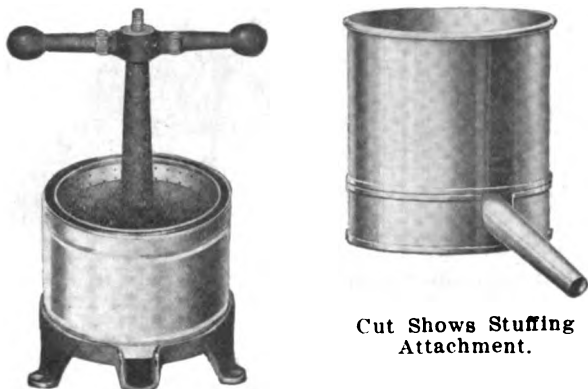
Nos.	5A	10A	12A
For Choppers, Nos.	5	10	12
Wt. Per Doz., Lbs.	1	1½	1¾
Per Dozen	\$6.00	6.50	6.50

Nos.	22A	32A
For Choppers, Nos.	22	32
Wt. Per Doz., Lbs.	2	2½
Per Dozen	\$8.00	9.25

The spout being corrugated, prevents air entering casing, thus preserving the sausage.

SAUSAGE STUFFERS, LARD AND FRUIT PRESSES

INDEPENDENT QUICK ACTION



Screw Movement.

Heavy Cast Iron and Steel, Black Enameled, Heavy Tin Plate Colander and Outside Cylinder.

Nos.	2	4	6	8
Capacity, Quarts	2	4	6	8
Weight Each, Lbs.	15	17	18	20
Each	\$3.75	4.00	4.80	5.50
Sausage Stuff. Attachm't. Each,	1.00	1.10	1.25	

The pressure is regulated by a bar which revolves on a rod in which is cut a special thread of extra strength. By means of a "Quick Action" device the pressure bar may be attached or released from the rod at any point. A few turns of the bar is all that is required to secure the necessary pressure.

The Sausage Stuffing Attachment is a heavy tin cylinder with suitable bottom and stuffing tube, which is substituted for the two cylinders used in pressing fruits.

Each Press and Attachment in a Separate Corrugated Case.

ENTERPRISE



Screw Movement.

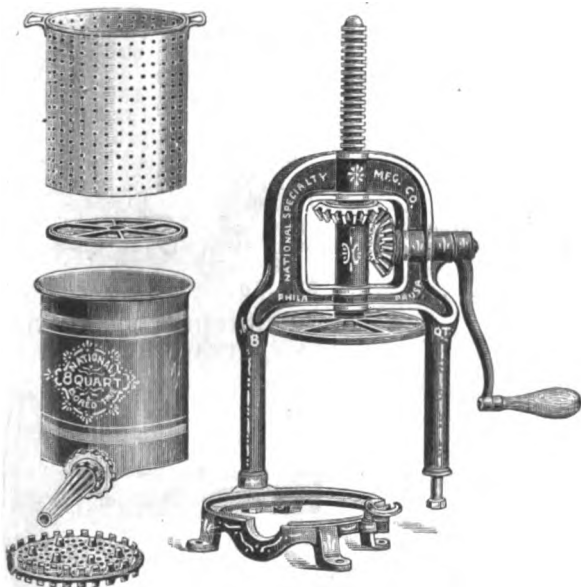
Corrugated Spout, Cast Iron, Japanned and Striped.

Nos.	15	25	31	35
Capacity, Quarts	2	4	6	8
Weight Each, Lbs.	25	45	53	60
Each	\$5.50	7.00	8.00	9.00

Has true bored Iron Cylinder. Tin Cylinder with lips to enable the operator to remove the hot cracklings with little or no inconvenience. A patent latch prevents breakage of plates.

One in a Case.

NATIONAL



Screw Movement.

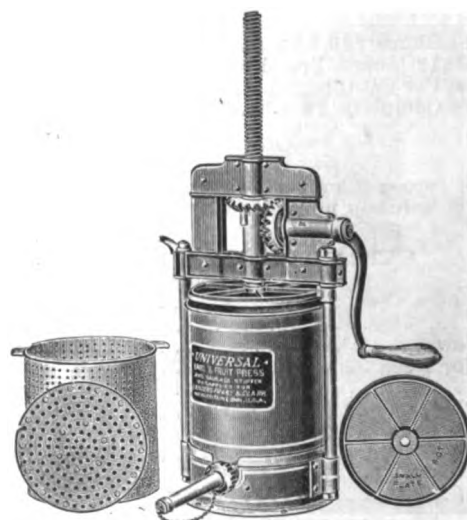
Cast Iron, Japanned and Striped.

Nos.	40	60	80
Capacity, Quarts	4	6	8
Weight Each, Lbs.	46	55	65
Each	\$7.00	8.00	9.00

Swinging arch, removable cylinder, perforated tin strainer, two removable plunger plates. All parts are interchangeable.

One in a Crate.

UNIVERSAL



Screw Movement, Ball Bearing.

All Steel, Japanned and Striped, One-Piece Sheet Steel Bowl.

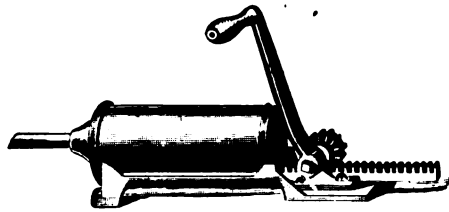
Nos.	44	66	88
Capacity, Quarts	4	6	8
Weight Each, Lbs.	43	53	56
Each	\$7.50	8.50	9.50

For pressing Fruit or Lard, use perforated Cylinder and Bottom Plate and small Plunger Plate. A cloth or bag should be used when pressing fruit, to prevent the pulp or seeds passing through holes in cylinder. For stuffing sausage, remove perforated Cylinder and Bottom Plate, and use large Plunger Plate.

One in a Crate.

SAUSAGE STUFFERS

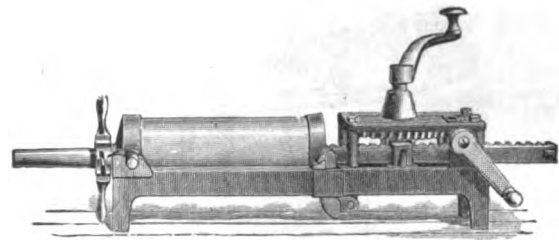
SILVER'S RAILROAD



- No. 759—Capacity 3 ½ Lbs., Single Geared, Heavy Tin Cylinder, Japanned Iron Castings.....\$26.00
Screws to Table. Suitable for Family or Hotel Use.
Weight Each 10 Pounds.
One Dozen in a Case.

Per Dozen

GENUINE WAGNER



Heavy Steel Cylinder and Malleable Mountings, Coated with Pure Block Tin, One Tube Each for Frankforts, Pork Sausage and Bologna Sausage.

- No. 3—Capacity 12 Lbs., Weight Each 70 Lbs.....\$18.50
No. 2—Capacity 18 Lbs., Weight Each 120 Lbs.....25.00
One in a Case.

Each

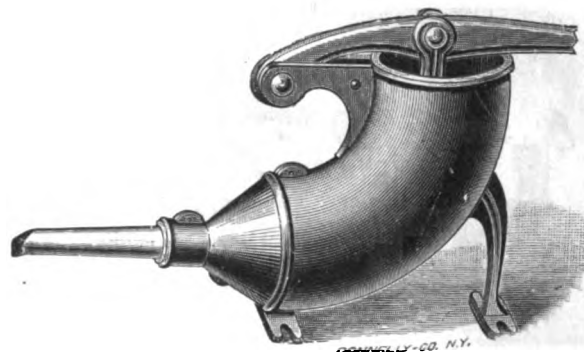
GENUINE WAGNER



- No. 1—Capacity 38 Lbs., Heavy Steel Cylinder and Malleable Iron Mountings, Coated with Pure Block Tin, One Tube for Frankforts, Two Sizes for Pork Sausage and One for Bologna Sausage.....\$38.50
The Cylinder is suspended at the center, which lessens the labor of filling and handling. When in operation the Cylinder is locked at the rear. For stuffing the motion is geared down to a point where one man can operate it readily.
Weight Each 195 Pounds.
One in a Box.

Each

PERRY'S



Riveted Two-Piece Japanned Cast Iron Cylinder, Tin Stuffing Spout, Screws to Bench.

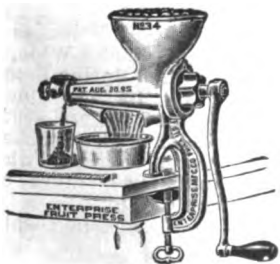
- No. 1—Family Size, 3 ½ inch Diameter Body, 22 inch Lever Handle, Weight Each 9 Lbs.....\$15.00
No. 0—Butcher's Size, 4 ½ inch Diameter Body, 25 inch Lever Handle, Weight Each 13 Lbs.....21.00

Per Dozen

One-half Dozen in a Case.

FRUIT, WINE AND JELLY PRESS

ENTERPRISE



- No. 34—13 ½ inches High, 12 ½ inches Long, Capacity of Hopper 1 Quart.....\$4.00

Each

Easily operated, it extracts the juice and ejects the skins and seeds in one operation. The dryness of the pulp or refuse can be regulated by the thumb screw at the outlet.

Weight Each 12 ½ Pounds.
Six in a Case.



- No. 2—12 inches Long, 3 ¼ x 3 ½ inch Perforated Tin Cylinder, Japanned Gray Iron Frame, for All Kinds of Fruit and Vegetables\$4.00

Per Dozen

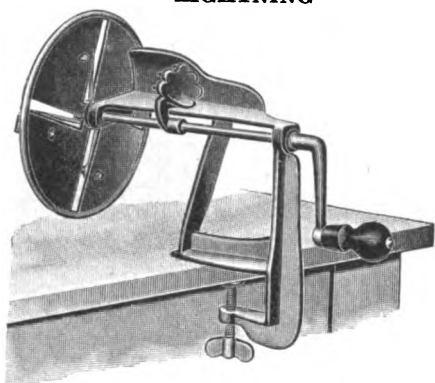


- No. 1—Japanned, Steel Handles, Perforated Seamless Steel Bowl, Heavily Tinned, Especially Adapted for Mashing Potatoes.....\$6.00
Weight Per Dozen 22 Pounds.
One Dozen in a Case.

Per Dozen

POTATO SLICERS

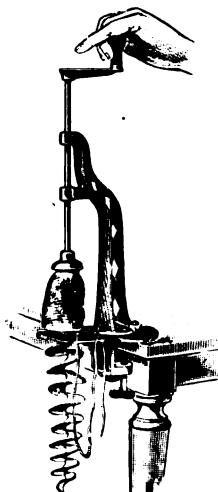
LIGHTNING



No. 5—Steel Cutters, Japanned Frame, for Slicing
Saratoga Potatoes and Citron, Weight Each 9
Lbs. \$16.00

One Dozen in a Box.

SARATOGA



Per Dozen
No. 20—10 1/2 inches High, Parer and
Slicer \$13.00

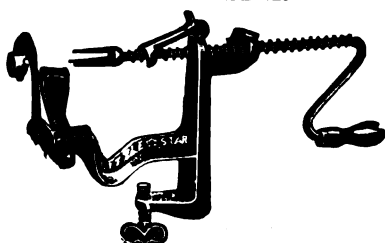
Potatoes of any size and shape are thoroughly trimmed and pared, all eyes and hollow places cleaned out, the potato sliced to proper thickness and every slice exact: This does away with all hand paring and trimming.

Weight Per Dozen 31 Pounds.

One Dozen in a Box.

APPLE PARERS

LITTLE STAR



Automatic Push-off.

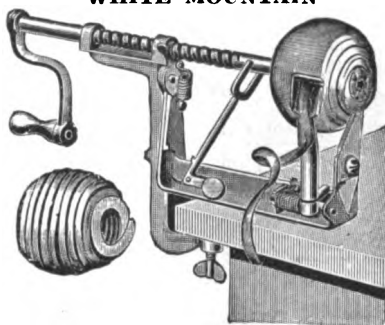
Per Dozen
No. 100—8 inches High, Cast
Iron Frame, Black Japanned,
Tinned Wire Spring, Auto-
matic Parer, Upright Slicer
with Push-off \$9.30

For paring, coring and slicing, so constructed that the parings and juice cannot fall upon it.

Weight Per Dozen 21 Pounds.

One Dozen in a Case.

WHITE MOUNTAIN



Automatic Push-off.

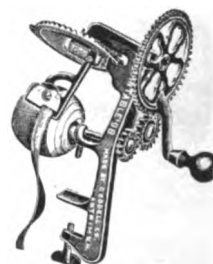
Per Dozen
No. 99—6 1/2 inches High Over
All, 9 inches Long, Cast Iron
Frame, Steel Threaded Feed
Shaft, Adjustable Tempered
Steel Knife, Brass Coll
Spring, Rust-Proof Blue Lac-
quer Finish Throughout. \$9.30

Pares, cores and slices the fruit. Can be used to pare without coring or slicing.

Weight Per Dozen 28 Pounds.

One Dozen in a Case.

TURN TABLE



Automatic Push-off.

Per Dozen
No. 98—10 inches High, One-
Piece Iron Frame, Black
Japanned, Steel Cutting
Blade, Stained Wood Han-
dle \$12.60

Pares the whole apple and prevents waste of time and fruit. Gears above parings and juice.

Weight Per Dozen 43 Pounds.

One Dozen in a Case.

VEGETABLE EYERS

PEERLESS



Top View.



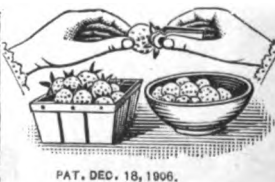
Side View.

Removes the eyes and cores from pineapples, apples and pears, eyes and spots from potatoes.

One Dozen in Display Box.

Per Dozen
Peerless — Combined
Fruit and Vegetable
Eyer, Spoon Shaped
Nickel Plated Steel
Blade, with Two
Cutting Edges, Wood
Handle \$1.50

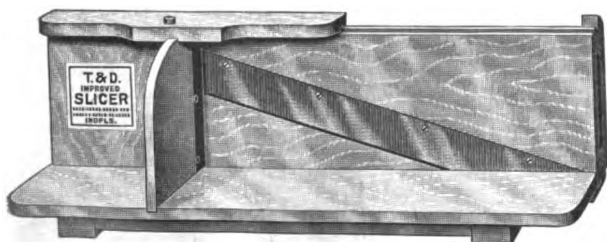
STRAWBERRY HULLERS



PAT. DEC. 18, 1906.

Per Dozen
Nip-It—2 3/4 inches Long,
3/8 inch Wide, Pol-
ished Spring Steel. \$0.80
By its use one avoids
stained fingers, seeds under
finger nails, crushed fruit.
Keeps berries whole for
table use, takes out soft
spots, etc.
One Dozen in Display Box.

BREAD AND MEAT SLICERS



Each
No. 1—Improved Pattern, 6x9x24 inches, 18 inch Highly Polished
Steel Knife, Hard Maple Frame, White Shellac Finish, Knife
Shears Against a Metal Plate, Adjustment for Thickness of
Cut is Simple, Accurate and Rigid. \$5.00

One in a Carton, Three Cartons in a Crate.

Weight Each 15 Pounds.

CHERRY STONERS

NEW STANDARD



Per Dozen
No. 20—11 inches High, Tinned, Solid One Piece Driving Plunger, Cap, Stem and Stone Extracting Knife, Clamp and Plunger Standard Cast in One Piece, 6 inch Long Spring (50 Coils), for Large and Small Cherries.....\$9.80
Weight Per Dozen 21 Pounds.
One-half Dozen in a Fibre Case.

PERFECTION



Per Dozen
No. 10—Perfection, 2½ x 3¼ inches, Flat Steel Frame; No. 12 Steel Wire Plunger, Nickel Plated, Capacity 15 to 20 Quarts Per Hour.....\$2.00
Takes the seed out neatly and cleanly—the seeded cherries being left in their round, natural shape.
Weight Per Dozen 1 Pound.
One Dozen in a Box.

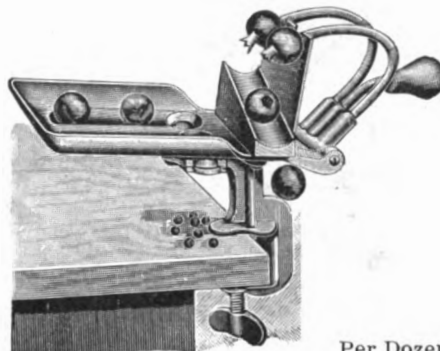


Per Dozen
No. 600—X-Ray, Holds One Lb., Varnished Hardwood Frame and Hopper, Plate Glass Front, Cast Iron Cover and Cup, High Speed Grinders with Lock Nut Adjustment, All Iron Parts Black Enamelled.....\$9.50
Weight Per Dozen 54 Pounds.
One-half Dozen in a Case.



Per Dozen
No. 75—10 inches High, Rotary Wheel Separator Type, New Quick and Adjustable Regulating Device, Self-Tightening Jaws, Machined Bearings, Positive Set Steel Table Clamp, Adjustable for Different Size Cherries, Heavily Tinned.....\$12.70
Weight Per Dozen 40 Pounds.
One-half Dozen in a Fibre Case.

FAMILY



Per Dozen
No. 3—5 inches High, Does not Crush or Tear the Fruit, Japanned.....\$7.50
This machine rapidly removes the stones from ripe cherries without waste. Leaves the fruit plump and round as before stoning.
Weight Per Dozen 24 Pounds.
One Dozen in a Box.

CANISTER COFFEE MILLS



Per Dozen
No. 25—Holds One Lb., Air Tight Glass Hopper and Glass Receiving Cup, Perfect Grinding Mechanism, Lock Nut Adjustment, Black Enamelled Iron Parts, an Ordinary Glass Tumbler May be Used for Receiving Cup.....\$10.00
Weight Per Dozen 70 Pounds.
One in a Box; One-half Dozen in a Case.



Per Dozen
No. 60—10 inches High, Springless, Crank Operated, One Piece Tubular Frame, One Piece Steel Plunger, Large Roomy Hopper, Plunger is Operated (Both Forward and Return Movement) by a Simple Crank Mechanism, the Extended Shute Separates the Pits from the Seeded Fruit, Steel Table Clamp, for Small or Large Cherries, Heavily Tinned.....\$14.00
Weight Per Dozen 35 Pounds.
One-half Dozen in a Fibre Case.

ENTERPRISE



Per Dozen
No. 2—12 inches High Over All, 7¼ inches High from Table, 4x3½ inch Hopper, Iron Frame, Tinned, with Clamp Screw and Adjustable Sweep Plate, Rapid and Effective, for All Sizes of Cherries.....\$16.00
Weight Per Dozen 53 Pounds.
Two Dozen in a Box.



"Crystal," Holds One Lb., New Glass Hopper, Screws into Neck of Iron Frame, Graduated Glass Cup.

Per Dozen
No. 3B—Black Enamelled.....\$17.00
No. 3BL—Blue Enamelled..... 19.00
No. 3W—White Enamelled..... 19.00
No. 3N—Nickel Plated..... 26.50
No. 3O—Oxidized Copper..... 26.50
Weight Per Dozen 104 Pounds.
One in a Paper Carton; One-half Dozen in a Case.

The Finishes refer to the iron parts and will harmonize with the different kitchen furnishings.

BOX COFFEE MILLS



No. 1180—4 $\frac{5}{8}$ x 4 $\frac{5}{8}$ x 2 $\frac{3}{4}$ inch Varnished Dovetailed Wood Box, Black Japanned Iron Hopper, Set Screw Adjustment on Crank.....\$5.60

Weight Per Dozen 38 Pounds.

One-half Dozen in a Case.



Metal Covered Hopper.

No. 700—7x7x7 inches, Varnished Dovetailed Wood Box, All Iron Parts Black Enameled, Patent Regulator...\$8.60
The Hopper is fitted with a metal cover which prevents any dust from getting into the mill and holds the coffee intact during grinding. Attached to the hopper is a handle by which the mill may be held firm. The Grinder may be regulated by the adjusting nut on the top of the mill.

Weight Per Dozen 54 Pounds.
One-half Dozen in a Case.



All Steel, Covered Hopper.

No. 65—6 $\frac{1}{2}$ x 5 x 5 $\frac{3}{4}$ inches, Sheet Steel Box, Steel Grinders, Japanned\$21.00
This Mill has a simple regulator at the top which only requires a few turns to right or left to produce the required fineness.

Weight Per Dozen 50 Pounds.
One Dozen in a Case.



Varnished Dovetailed Box, Bronzed Iron Top, Sunken Hopper, with Side Handle.

	Medium Size	Large Size
Nos.	431	432
Size, Inches	5x5x4 $\frac{3}{4}$	5x5x4 $\frac{3}{4}$
Weight Per Dozen, Lbs.....	66	76
Per Dozen	\$11.50	12.00

One-half Dozen in a Case.



Lock Nut Adjustment.

No. 147—7x7x7 inches, Polished and Varnished Woodwork of Carefully Selected Stock, Covered Iron Hopper, Gold Bronzed Iron Parts.....\$9.30
Weight Per Dozen 56 Pounds.
One-half Dozen in a Case.



Iron Top, Covered Hopper, with Side Handle.

No. 705—6x6x6 $\frac{3}{4}$ inches, Dove-tailed Box, Filled and Varnished, Bringing Out the Grain of the Wood, Bronzed Iron Parts\$9.60
Weight Per Dozen 60 Pounds.
One-half Dozen in a Case.



With Canister Holding One Pound.

No. 540—5x5x6 $\frac{3}{4}$ inches, Round Cornered Dovetailed Box, Varnished, Iron Top, Sunken Hopper, Tin Drawer Receptacle, Bronzed Iron Parts, with Side Handle...\$12.70
Weight Per Dozen 82 Pounds.
One-half Dozen in a Case.

COFFEE AND SPICE MILLS

ELGIN NATIONAL

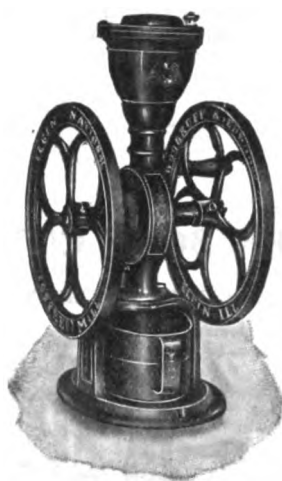
The Elgin National Mills are unsurpassed for beauty and finish. They are Simple, Attractive and Pleasing to the Eye. All Elgin Mills are fitted with a Special Adjuster for Regulating the Grinding. They Regulate for Fine or Coarse Grinding, while the Mill is running. Equipped with a new style force feed steel-cutting Grinders, which make the Elgin Mills most popular for fast grinding and durability.



Iron Hopper, Steel Grinders.

Each

No. 50—12½ inches High, 9½ inch Diameter Wheels, Hopper Holds ¾ Lb., Will Grind 6 Oz. of Coffee per Minute. Handsomely Finished in Red and Gold\$5.00
Weight Each Crated 20 Pounds.
One in a Crate.



Iron Hopper, Steel Grinders.

Each

No. 48—21 inches High, 11½ inch Diameter Wheels, Hopper Holds ¾ Lb., Will Grind ½ Lb. of Coffee Per Minute. Handsomely Finished in Red and Gold\$7.35
Weight Each Crated 35 Pounds.
One in a Crate.



Iron Hopper, Steel Grinders.

Each

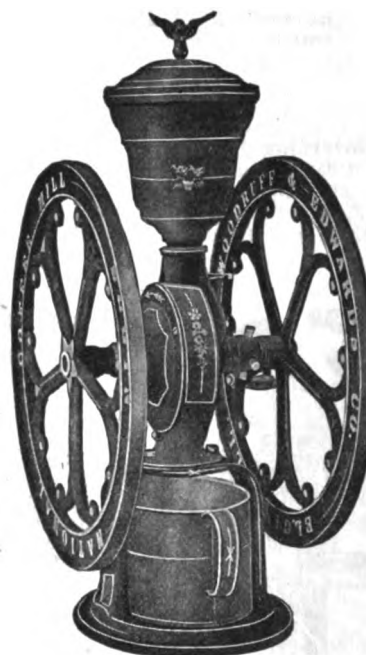
No. 46—23½ inches High, 12 inch Diameter Wheels, Hopper Holds 1¼ Lbs., Will Grind ¾ Lb. of Coffee Per Minute. Handsomely Finished in Red and Gold\$10.70
Weight Each Crated 50 Pounds.
One in a Crate.



Iron Hopper, Steel Grinders.

Each

No. 42—28 inches High, 17 inch Diameter Wheels, Hopper Holds 2¼ Lbs., Will Grind 1¼ Lbs. of Coffee Per Minute, Regulated to Grind Coarse or Fine While Running, Handsomely Finished in Red and Gold\$14.70
Very popular for Grocers, Hotels, etc.
Weight Each Crated 75 Pounds.
One in a Crate.



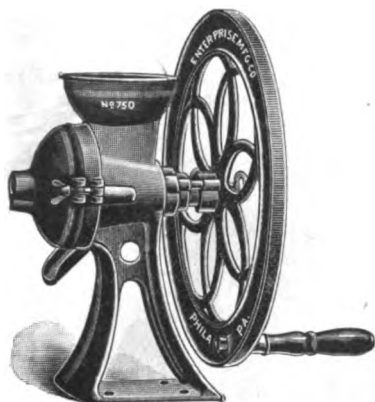
Iron Hopper, Steel Grinders.

Each

No. 40—30 inches High, 19½ inch Diameter Wheels, Hopper Holds 3 Lbs., Will Grind 2¼ Lbs. of Coffee Per Minute, Regulated to Grind Coarse or Fine While Running, Handsomely Finished in Red and Gold\$21.85

This Mill is unsurpassed.
Weight Each Crated 90 Pounds.
One in a Crate.

BONE AND CORN MILLS



ENTERPRISE

For Grinding Dry Bones, Corn, Shells, Roots, Bark, Grain Salt, Etc.

No. 750—17 1/4 inches High, 12 inches Long, 8 1/2 inches Wide, Size of Throat 3x2 inches, Diameter of Fly Wheel 19 inches, Capacity 1 1/4 Bushels of Corn Per Hour, Japanned Iron Frame. **\$12.75** Each

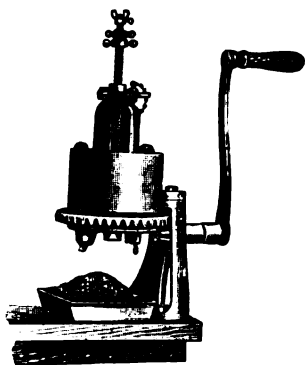
It is a well known fact that ground Bones and shells, cracked corn, etc., are excellent for poultry. A good general mill for farmers, poultrymen, etc., unexcelled for compactness, strength and durability.

Weight Each 60 Pounds.

One in a Crate.

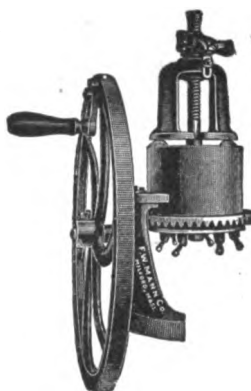
GREEN BONE CUTTERS

MANN'S PATTERN



Cast Iron Frame, Automatic Feed, Four Crucible Steel Cutting Knives, Painted Black.

No. 5C—6 inch Diameter Cylinder, 4 inches Deep, Patented Automatic Governing Spring Feed, with Crank Handle, for Flock of About 12 Hens **\$12.00** Each
Weight Each 35 Pounds.



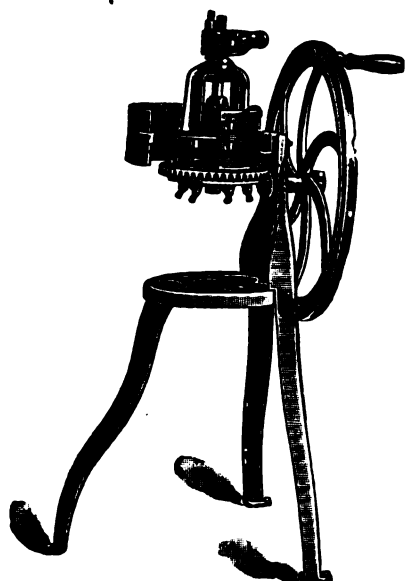
Cast Iron Frame, Automatic Feed, Four Crucible Steel Cutting Knives, Painted Black.

No. 5B—6 inch Diameter Cylinder, 4 inches Deep, Patented Automatic Governing Spring Feed, 24 inch Balance Wheel, for Flocks of 15 to 25 Hens **\$16.00** Each
Weight Each 60 Pounds.



Cast Iron Frame and Stand, Automatic Feed, Four Crucible Steel Cutting Knives, Painted Black.

No. 5BM—6 inch Diameter Cylinder, 4 inches Deep, Patented Automatic Governing Spring Feed, 24 inch Balance Wheel, for Flocks of 15 to 25 Hens **\$20.80** Each
Weight Each 85 Pounds.



No. 7.

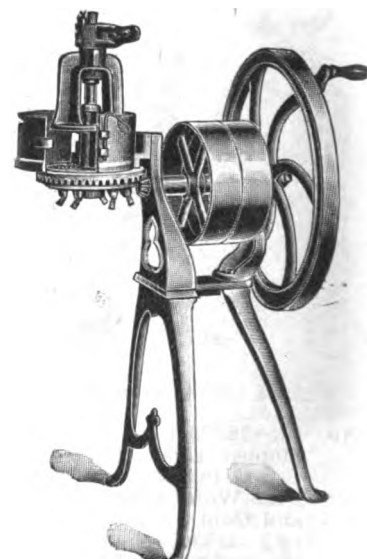
Cast Iron Frame, Heavy Iron Stand, Automatic Feed, Six Special Crucible Steel Cutting Knives, Painted Black.

No. 7—7 1/4 inch Diameter Cylinder, 5 1/4 inches Deep, Patented Automatic Governing Spring Feed, Large Open Hinged Cylinder, Giving Instant Access to All Working Parts, Gear Guard, Anti-Clog Device, Heavy Balance Wheel with Adjustable Handle, Capacity 1/2 to 1 Lb. Per Minute, for Flocks of 40 to 100 Hens **\$24.00** Each

Weight Each 107 Pounds.

No. 7 1/2—Combination Hand or Power, Same Size Cylinder and Improvements as No. 7, Equipped with Tight and Loose Pulley, Size of Pulley 2 1/2 x 11 1/2 inches, Speed 300 Revolutions Per Minute, Capacity 50 to 100 Lbs. Per Hour, This Machine Meets the Demand for a Small Power Cutter. **\$2.00**

Weight Each 150 Pounds.

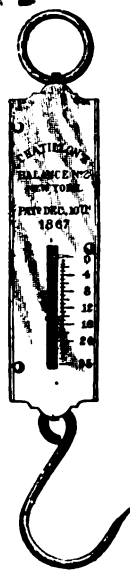


No. 7 1/2.

SPRING BALANCES

Nos. 400W and
700W.

No. 10.



Nos. 20 and 30.

Warranted Correct.

Straight Pattern, $9\frac{1}{4} \times 1\frac{3}{8}$ inch Dial, Pointer and Dial Protected by Raised Sides, Black Japanned Steel Case, Tinned Hook and Ring.

Nos.	400W	700W
Capacity, Lbs.	25x $\frac{1}{4}$	50x $\frac{1}{2}$
Weight Per Dozen, Lbs.	20	21
Each	\$3.25	3.50

Made especially for dealers desiring a compact, portable scale. Approved by Sealers of Weights and will pass inspection. Three in a Box.

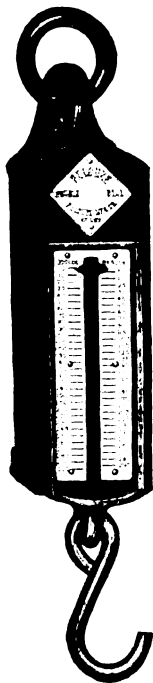
No. 10—Weighs 25 Lbs. by $\frac{1}{2}$ Lb., Round Black Japanned Steel Tube, Brass Dial Plate, Tinned Ring and Hook, Weight Per Dozen 3 Lbs. \$5.40
Not Warranted to Pass Inspection.
One-half Dozen in a Box.

Straight Pattern, Ordinary Quality, Brass Face, Plain Figures, Japanned Case, Tinned Ring and Hook.			
Nos.	20	30	
Capacity, Lbs.	25x $\frac{1}{2}$	50x1	
Weight Per Dozen, Lbs.	2 $\frac{1}{2}$	4 $\frac{1}{2}$	
Per Dozen	\$1.90	3.60	

Not Warranted to Pass Inspection.

No. 20, One Dozen; No. 30, One-half Dozen in a Box.

ICE SCALES



PELOUZE DOUBLE DIAL

Made to Comply with the Requirements of the Department of Weights and Measures.

Has Double Dials, which admit of a greater distance between graduations and the Dials are therefore more easily read, quickly adjusted by removing the steel cap on top and turning the screw slightly.

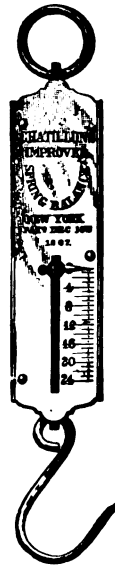
Japanned Malleable Iron Case, White Dials.

Nos.	P202	P300	P400
Capacity, Lbs.	200x2	300x5	400x5
Each	\$5.50	6.00	6.50

Average Weight Each, Boxed, 7 $\frac{1}{2}$ Pounds.

One in a Box.

These Scales have been made at the urgent request of experts in the ice tool business and are proving extremely popular.



Nos. 40 to 70.



Nos. 80 to 100A.

Straight Pattern, Extra Quality, Heavy, Brass Face, Plain Figures, Japanned Case, Tinned Ring and Hook.

Nos.	40	50
Capacity, Lbs.	25x $\frac{1}{2}$	30x $\frac{1}{2}$
Weight Per Dozen, Lbs.	5	8
Per Dozen	\$3.40	6.50

Not Warranted to Pass Inspection.
One-half Dozen in a Box.

Straight Pattern, Extra Quality, Extra Heavy, Brass Face, Plain Figures, Tinned Ring and Hook.

Nos.	70	80	90	100A
Capacity, Lbs.	50x1	80x1	100x1	150x1
Weight Per Dozen, Lbs.	11	18	39	57
Per Dozen	\$10.50	30.00	55.00	80.00

Nos. 70, 80, 90 and 100A Will Pass State Inspection.

No. 70, One-half Dozen; No. 80, One-quarter Dozen; Nos. 90 and 100A, One-twelfth Dozen in a Box.

MILK AND CREAM SCALES

CHATILLON'S

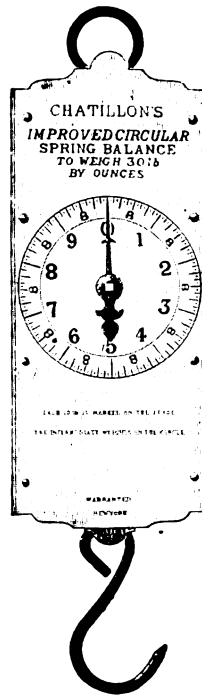
Will Pass State Inspection.

Brass Front, with Hook and Ring.

No.	Capacity	Weight	Price
No. 260MO	30 Lbs. by 1 Oz.		\$4.40
No. 260MD	30 Lbs. by 1/20 Lb.		4.40
No. 270MO	60 Lbs. by 2 Oz.		5.50
No. 270MD	60 Lbs. by 1/10 Lb.		5.50
No. 280MO	120 Lbs. by 4 Oz.		8.75
No. 280MD	120 Lbs. by 1/5 Lb.		8.75

One in a Paper Box.

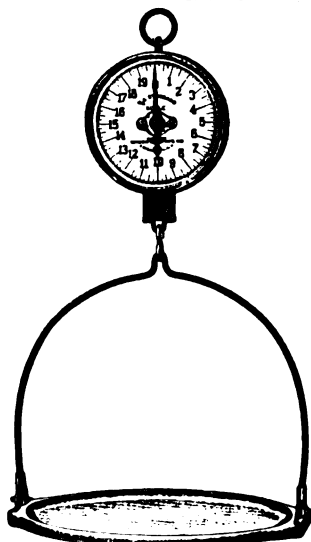
These Scales are made with a loose pointer which by means of a thumb screw on the center of the pointer may be set anywhere on the dial, thus taking the tare of a milk pail, etc.



SCALES

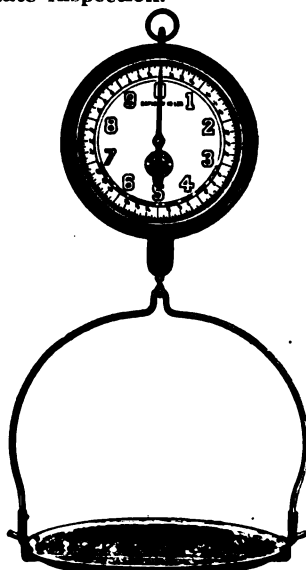
CIRCULAR SPRING BALANCES

These Balances Will Pass State Inspection.



Universal Hanging Scale, for Venders, Household and General Use.

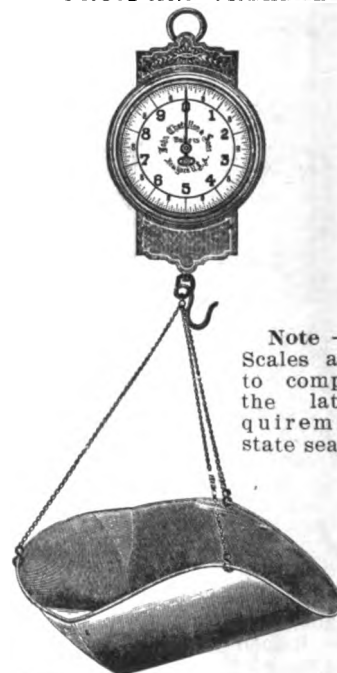
Each
No. 200AB—Weighs 20 Lbs. by 1 Oz., 6 inch Diameter Brass Dial, Pressed Steel Throughout, Finished in Black Enamel and Nickel, Case is Dust and Moisture Proof, Dial has Plain Easily Read Figures and Graduations, 12 inch Diameter White Enameled Folding Pan, Weight Each Boxed 5 Lbs. \$3.25
The Regulating Screw conforms with the new state law.
One in a Box.



Waterproof Case, 8 inch Diameter RED Dial, Large Figures on Dial are in Gold 1 inch High.

Each
No. 344E—Weighs 20 Lbs. by 1 Oz., Red Dial is Encircled by a Broad White Border Clearly Marked and Graduated, with 11 inch Diameter Folding White Enameled Pan, Weight Each 3 1/2 Lbs. .. \$4.00
The dial can be read at a glance. The body containing mechanism is closely fitted into an overlapping frame, so while hanging water cannot get into it.
One in a Box.

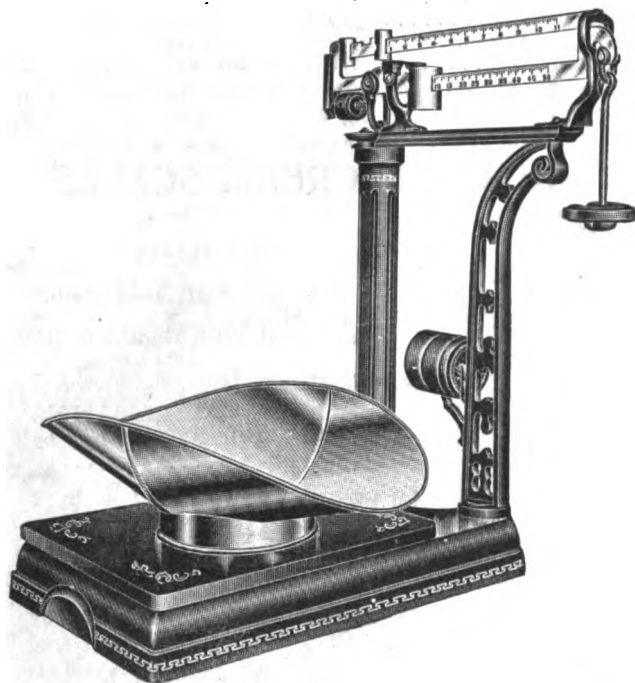
FRUIT AND VEGETABLE



Note — These Scales are made to comply with the latest requirements of state sealers.

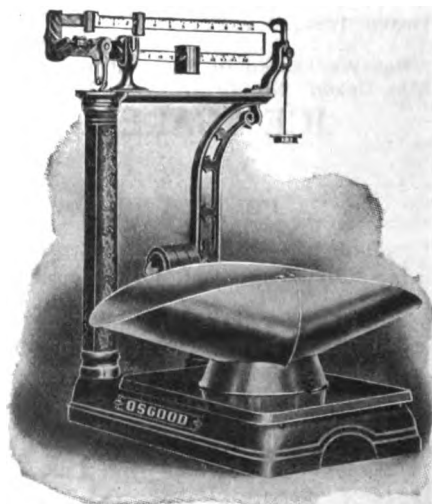
Each
7 inch Dial, White Enameled Front, Glass Sash.
No. 5273—Weighs 60 Lbs. by 2 Oz., Tin Scoop Holding 1/2 Bushel Potatoes, Size 17x16 x10 1/2 inches, with Tinned Chains, Weight Each 8 Lbs. \$ 9.00
No. 5273GX—Weighs 60 Lbs. by 2 Oz., Galvanized Iron Scoop Holding 1 Bushel Potatoes, Size 22 1/2 x 21 1/2 x 13 inches, with Extra Heavy Tinned Chains 14.00

THE MASTER GROCERS'



Enameled in Vermillion, Decorated in Gold, Solid Brass Double Beam, Brass Sliding Poises, Case Hardened Tool Steel Bearings. Each
No. 360—Weighs 360 Lbs. by 1/2 Oz., 11 1/4 x 14 1/2 inch Platform, Solid Brass Scoop, Weight Each Boxed 85 Lbs. \$36.00
Guaranteed Accurate and Durable.
One in a Box.

OSGOOD EMPIRE GROCERS'

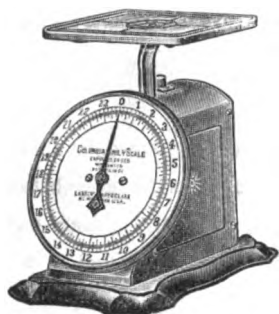


Finished in Vermillion and Gold, Highly Ornamented, Double Brass Notched Beam, Nickel Plated and Marked on Both Sides, Sliding Poises.

Each
No. 2870—Weighs 250 Lbs. by 1 Oz., 12x15 inch Platform, Brass Scoop, Weight Each Boxed 78 Lbs. ... \$30.00
The full capacity of the Scale is 250 lbs. The capacity of the Beam is 60 lbs. Each bar is marked on both sides, the lower bar in 1/2 lb. marks to 50 lbs., and the upper bar in ounce marks to 11 lbs.

One in a Box.

FAMILY SCALES



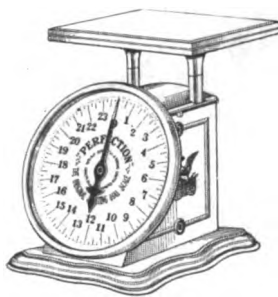
Weighs 24 Pounds by Ounces.

For Family Use Only.

Each

- No. 6021—Sheet Steel Throughout, 8 3/4 inches High, Square Top, 6 inch White Enamelled Slanting Dial, Black Enamelled, Decorated in Gilt, Brass Adjusting Screw on Top with Cap, Weight Each 4 1/4 Lbs. \$1.00

One in a Box; Six in a Case.



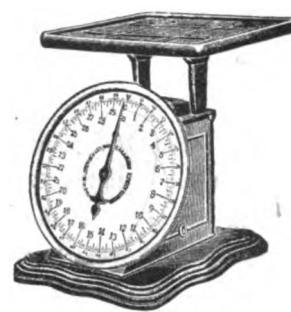
Weighs 24 Pounds by Ounces.

For Family Use Only.

Each

- No. 434—Sheet Steel Construction, 8 inches High, 6 inch Diameter White Slanting Dial, with Large Black Figures, Glass Sash, Nickel Plated Rim, Square Tile Top, Blue Enamelled with Gold Decorations, a High Grade Scale, Weight Each 5 1/4 Lbs. \$2.85

One in a Box.



Weighs 60 Pounds by Ounces.

For Family Use Only.

Each

- No. 60—Sheet Steel Throughout, 12 inches High, 9 1/2 inch Silver Finished Slanting Dial, 9 1/2 inch Square Steel Top, 9 1/2 x 12 inch Base, Black Enamelled with Aluminum Bronze Decorations, Weight Each 17 Lbs. \$5.00

One in a Box.



Weighs 24 Pounds by Ounces.

For Family Use Only.

Each

- No. 16021—Sheet Steel Throughout, 11 3/4 inches High Over All, 6 inch White Enamelled Slanting Dial, Claw Top for Holding Scoop, Black Enamelled, Decorated in Gilt, Brass Adjusting Screw on Top with Cap, Tin Scoop, Weight Each 4 1/2 Lbs. \$2.15

One in a Box; Six in a Case.



Weighs 60 Pounds by Ounces.

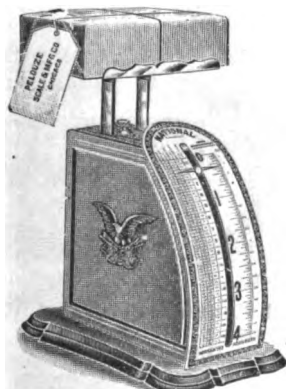
For Family Use Only.

Each

- No. T60—Sheet Steel Throughout, 18 inches High, 9 1/2 inch Silver Finish Slanting Dial, 9 1/2 inch Square Steel Top, 9 1/2 x 12 inch Base, 10 1/2 x 20 inch Heavy Tin Scoop, Polished, Black Enamelled with Aluminum Bronze Decorations, Weight Each 20 Lbs. \$6.00

One in a Box.

POSTAL SCALES



Weighs 4 Pounds by 1/2 Ounces.

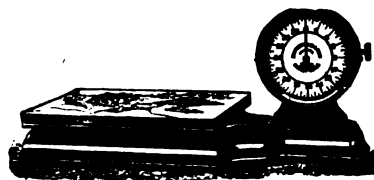
Each

- No. 401—All Steel, Size Over All 3 7/8 x 6 1/2 x 7 1/2 inches, 3 x 3 1/2 inch Platform with Ridge, Finished in Black Enamel, Nicely Decorated, Nickel Mountings, Warranted Accurate, Weight Each 2 Lbs. \$4.00

One in a Box.

MARKET SCALES

CHATILLON'S



8 inch Double Dish, Japanned and Decorated Iron Base, 11 1/2 x 14 1/2 inch Marble Slab.

- No. 079—Weighs 50 Lbs. by 2 Oz. \$30.00
No. 089—Weighs 100 Lbs. by 8 Oz. 32.00

Each

These Scales will pass State Inspection.

Weight Each Boxed 60 Pounds.

One in a Box.

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FAIRBANKS STANDARD SCALES

UNION COUNTER

These Scales offer the combined service of a Platform and a Scoop. Each weighing certain commodities most conveniently and in fairly large quantity.



The entire Scale is a strong compact outfit with a substantial iron Frame, Base and Pillar, durably and attractively finished in Maroon Baked Enamel.

Arrow Tip Brass Beam with Notched Top, Nickel Plated Hanging Poise, Counterpoise and Weights, Split Hoop Scoop and Fork. These Scoops have a Capacity of 30 Lbs. by $\frac{1}{2}$ Oz. in Scoop; 240x $\frac{1}{4}$ Lbs. on Platform.

Single Beam.

- No. 508—Capacity 240 Lbs., Upper Graduations 5 Lbs. by $\frac{1}{2}$ Oz., Lower Graduations 40x $\frac{1}{4}$ Lbs., 10 $\frac{1}{2}$ x13 $\frac{1}{2}$ inch Platform, with Tin Scoop.....\$15.50
No. 510—Same as No. 508, but with Brass Scoop..... 16.50

Each

Approximate Weight Each Boxed 58 Pounds.
One in a Box.

Double Beam.

- No. 512—Capacity 240 Lbs., Front Bar Graduated 4 Lbs. by $\frac{1}{2}$ Oz., Back Bar 32x $\frac{1}{4}$ Lbs., 10 $\frac{1}{2}$ x13 $\frac{1}{2}$ inch Platform, with Tin Scoop.....\$16.50
No. 514—Same as No. 512, but with Brass Scoop..... 18.00

Each



No. 500.

Arrow Tip Brass Beam with Notched Top, Nickel Plated Hanging Poise, Counterpoise and Weights, Regular Scoop. These Scales have a Capacity of 30 Lbs. by $\frac{1}{2}$ Oz. in Scoop; 240x $\frac{1}{4}$ Lbs. on Platform.

Single Beam.

- No. 500—Capacity 240 Lbs., Upper Graduations 5 Lbs. by $\frac{1}{2}$ Oz., Lower Graduations 40x $\frac{1}{4}$ Lbs., 10 $\frac{1}{2}$ x13 $\frac{1}{2}$ inch Platform, with Tin Scoop.....\$15.00
No. 502—Same as No. 500, but with Brass Scoop..... 16.00

Each

Approximate Weight Each Boxed 57 Pounds.
One in a Box.



No. 506.

Arrow Tip Brass Beam with Notched Top, Nickel Plated Hanging Poise, Counterpoise and Weights, Regular Scoop.

Double Beam.

- No. 504—Capacity 240 Lbs., Front Bar Graduated 4 Lbs. by $\frac{1}{2}$ Oz., Back Bar 32x $\frac{1}{4}$ Lbs., 10 $\frac{1}{2}$ x13 $\frac{1}{2}$ inch Platform, with Tin Scoop.....\$16.00
No. 506—Same as No. 504, but with Brass Scoop..... 17.50

Each

GROCERS' COUNTER



Arrow Tip Brass Beam, Graduated 5 Lbs. by $\frac{1}{2}$ Oz., with Notched Top, Nickel Plated Hanging Poise and Weights, Split Hoop Scoop and Fork, Finished in Maroon Baked Enamel.

Single Beam.

- No. 536—Full Capacity 65 Lbs. by $\frac{1}{2}$ Oz., Tin Scoop...\$13.00
No. 538—Same as No. 536, but with Brass Scoop..... 14.50
No. 539—Same as No. 536, but with 9 $\frac{3}{4}$ inch Iron Plate Instead of Scoop..... 11.50

Each

Approximate Weight Each Boxed 45 Pounds.
One in a Box.



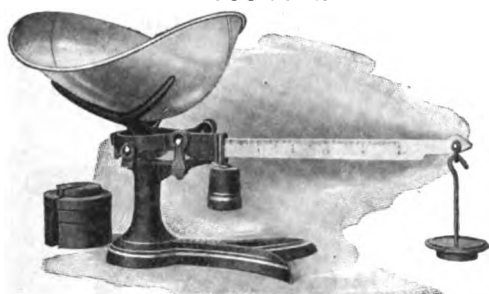
Double Beam.

- No. 540—Full Capacity 65 Lbs. by $\frac{1}{2}$ Oz., Tin Scoop...\$14.00
No. 542—Same as No. 540, but with Brass Scoop..... 15.50

Each

FAIRBANKS STANDARD SCALES

COUNTER



Arrow Tip Brass Beam, Notched Top, Nickel Plated Hanging Poise, Nickel Plated Loose Weight and Counterpoise, Finished in Maroon Baked Enamel.

Beams on Nos. 554, 556, 558 and 560 are Graduated 5 Lbs. x ½ Oz. Beams on Nos. 555, 556 and 557 are Graduated 8 Lbs. x ⅛ Oz.

Single Beam.		Each
No. 554—Capacity 35 Lbs. x ½ Oz., Tin Scoop....		\$10.00
No. 555—Capacity 35 Lbs. x ⅛ Oz., ½ Bu. Tin Scoop	12.00	
No. 556—Capacity 35 Lbs. x ⅛ Oz., ½ Bu. Brass Scoop	13.50	
No. 556—Capacity 35 Lbs. x ½ Oz., Brass Scoop...	11.50	
No. 557—Capacity 35 Lbs. x ⅛ Oz., 9 ¾ inch Iron Plate	9.50	
Double Beam.		Each
No. 558—Capacity 35 Lbs. x ½ Oz., Tin Scoop....		\$11.00
No. 560—Capacity 35 Lbs. x ½ Oz., Brass Scoop...	12.50	

Approximate Weight Each Boxed 50 Pounds.

One in a Box.

GROCERS' TRIP



Brass Funnel Scoop, Brass Side Beam, Nickel Plated Poise and Weights, Finished in Maroon.

Nos.	729	730	731	732
Capacity, Lbs.	16	10	6	2
Beam	16x¼ oz.	16x¼ oz.	16x¼ oz.	8x¼ oz.
Weight Each, Lbs.....	66	47	27	17
With Beam	Each, \$15.75	12.50	9.75	8.00
Without Weights..	Each, 14.00	11.25	9.00	7.50

One in a Box.

GROCERS' PLATFORM

Arrow Tip Nickel Plated Double Brass Beam, Graduated Smooth Top, and Sliding Poise, Nickel Plated Counterpoise and Weights, Beam Graduations: Upper Bar, 15 Lbs. by 1 Oz.; Lower Bar, 50x½ Lbs., Maroon Finish.

No. 505—Capacity 250 Lbs. x 1 Oz., 12x15 inch Platform, Seamed Tin Scoop	\$26.00
No. 507—With Seamless Brass Scoop.	27.00
No. 509—With Seamless Tin Scoop...	27.00
No. 511—With Seamless Brass Scoop.	29.00

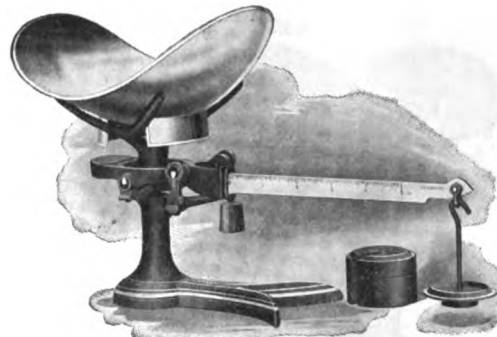
Weight Each Boxed 82 Pounds.

Suspended Platform, Agate Beam Bearings, Automatic Scoop Balance, Arrow Tip Nickel Plated Brass Double Beam, Nickel Plated Poises and Weights, Maroon Finish.

No. 501—Capacity 250 Lbs., 15x12 inch Platform, Upper Beam Graduated 15 Lbs. x 1 Oz., Lower 50x½ Lbs., Seamless Nickel Plated Brass Scoop, Weight Each Boxed 77 Lbs.	\$38.00
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One in a Box.

SPICE



Arrow Tip Brass Beam, Graduated 5 Lbs. x ½ Oz., Notched Top, Nickel Plated Poise and Weights, Split Hoop Scoop and Fork, Finished in Maroon Baked Enamel.

Single Beam.

	Each
No. 570—Capacity 35 Lbs. x ½ Oz., Tin Scoop....	\$11.00
No. 572—Capacity 35 Lbs. x ½ Oz., Brass Scoop...	12.00

Brass Beam.

	Each
No. 574—Capacity 35 Lbs. x ½ Oz., Tin Scoop....	\$12.00
No. 576—Capacity 35 Lbs. x ½ Oz., Brass Scoop...	13.00

Approximate Weight Each Boxed 44 Pounds.

One in a Box.

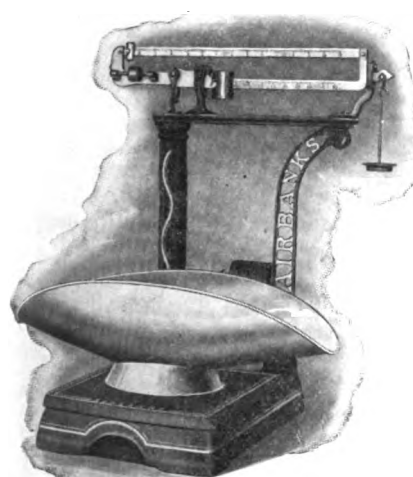


GROCERS' BUTTER

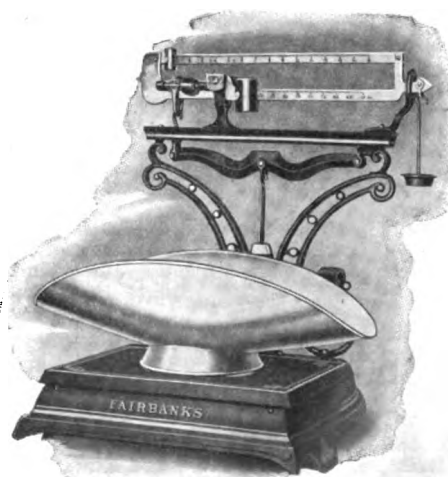
Arrow Tip Brass Beam, Notched Tip, Graduated 5 Lbs. by ½ Oz., Notched Top, Nickel Plated Hanging Poise and Loose Weights, 12 inch Square Porcelain Plate, Finished in Maroon Baked Enamel.

	Each
No. 548—Single Beam, Full Capacity 65 Lbs. by ½ Oz.	\$12.75
No. 545—Double Beam, Full Capacity 65 Lbs. by ½ Oz.	13.75

Approximate Weight Each Boxed 63 Pounds.

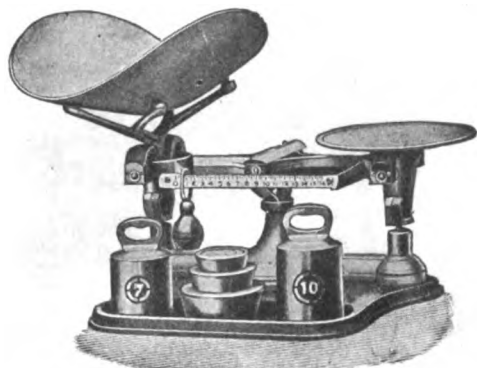


Nos. 505 to 511.



FAIRBANKS STANDARD SCALES

GROCERS' TRIP

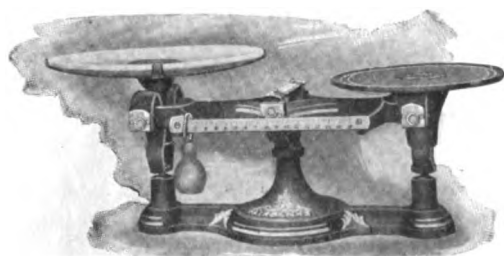


Agate Bearings, Extremely Sensitive and Accurate, Gold Bronze Finish, Heavy Nickel Plated Brass Scoop, Plate, Side Beam and Weights, Fine Hardwood Velvet Lined Base Board.

Nos.	737A	738A	739A	740A
Capacity, Lbs.	25	15	6	2
Beam	16x $\frac{1}{4}$ oz.	16x $\frac{1}{4}$ oz.	16x $\frac{1}{4}$ oz.	8x $\frac{1}{4}$ oz.
Weight Each, Lbs.	60	50	35	20
Each	\$37.50	30.50	24.50	20.00

One in a Box.

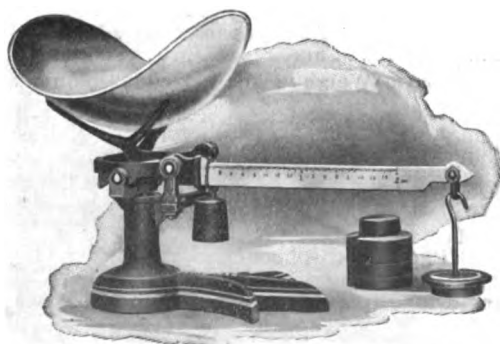
BUTTER TRIP



Agate Bearings, Entire Scale is Galvanized to Prevent Corrosion and Repainted in Maroon, Nickel Plated Brass Beam and Poise, Round Concave Porcelain Plate, Galvanized Iron Weights.

No.	826A	Capacity	Beam	Each
No. 826A	Capacity 15 Lbs., Beam Graduated 16x $\frac{1}{4}$ Oz., Sensitive to $\frac{1}{8}$ Oz.			\$20.50
	Weight Each Boxed 45 Pounds.			
	One in a Box.			

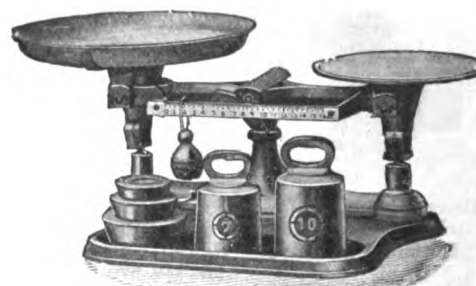
TEA



Arrow Tip Brass Beam, with Notched Top, Graduated 2 Lbs. x $\frac{1}{4}$ Oz., Nickel Plated Poise and Weights, Finished in Maroon Baked Enamel. Single Beam.

No.	580	Capacity	Beam	Each
No. 580	Capacity 10 Lbs. x $\frac{1}{4}$ Oz., Tin Scoop			\$8.00
No. 582	Capacity 10 Lbs. x $\frac{1}{4}$ Oz., Brass Scoop			9.00
	Double Beam.			
No. 584	Capacity 10 Lbs. x $\frac{1}{4}$ Oz., Tin Scoop			\$ 9.00
No. 586	Capacity 10 Lbs. x $\frac{1}{4}$ Oz., Brass Scoop			10.00
	Approx. Weight Each 20 Pounds.			
	One in a Box.			

BULK OR SUGAR TRIP



Agate Bearings, Accurate and Sensitive, Gold Bronze Finish, Seamless Brass Nickel Plated Round Pan, Nickel Plated Plate, Side Beam and Weights, Velvet Lined Base Board.

No.	880A	Capacity	Beam	Each
No. 880A	Capacity 25 Lbs., Beam 16x $\frac{1}{4}$ Oz., Sensitive to $\frac{1}{8}$ Oz., Weight Each 65 Lbs.			
	With Small Board			\$33.50
	With Large Board			34.75
	One in a Box.			

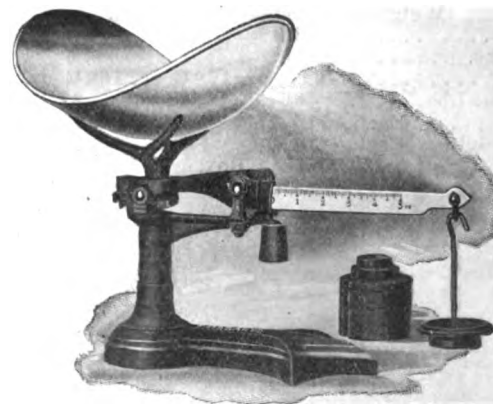
CONFECTIONERS'



Full Capacity Notched Top Beam, Requiring no Loose Weights, Beam Graduated 16x $\frac{1}{4}$ Oz.

No.	475	Capacity	Beam	Each
No. 475	Capacity 1 Lb. x $\frac{1}{4}$ Oz., Maroon Finish, Brass Beam, Poise and Scoop			\$5.00
No. 475NP	Capacity 1 Lb. x $\frac{1}{4}$ Oz., Maroon Finish, Nickel Plated Brass Beam, Poise and Scoop			6.50
	Weight Each 5 Pounds.			
	One in a Box.			

DRUGGISTS'



Arrow Tip Brass Beam, with Notched Top Beam Graduated 5x $\frac{1}{8}$ Oz., Nickel Plated Poise and Weights, Finished in Maroon Baked Enamel. Single Beam.

No.	590	Capacity	Beam	Each
No. 590	Capacity 8 Lbs. x $\frac{1}{8}$ Oz., Tin Scoop			\$10.00
No. 592	Capacity 8 Lbs. x $\frac{1}{8}$ Oz., Brass Scoop			11.00
	Double Beam.			
No. 594	Capacity 8 Lbs. x $\frac{1}{8}$ Oz., Tin Scoop			\$11.00
No. 596	Capacity 8 Lbs. x $\frac{1}{8}$ Oz., Brass Scoop			12.00
	Approx. Weight Each 23 Pounds.			
	One in a Box.			

PORTABLE PLATFORM SCALES

RELIANCE

Warranted to Conform in Every Respect to the Laws and Regulations of the State of Wisconsin.
Will Stand the Most Rigid Inspection.

Highly Polished Solid Brass Beam, Brass Sliding Poise with Riveted Set Screw, Counter Poise Numbered to Correspond with Beam, Best Tool Steel Pivots, Carefully Hardened and Fitted, Strongly Braced Levers with Hardened Loop and Steel Cased Nose Iron, Steel Check Rods, Solid Turned Axles, Special Patented Concave Rugged Japanned Cast Iron Frame, Platform has Hardened Steel Bearing Feet, Seasoned Hardwood Pillars and Caps, Mahogany Finished with Gold Stripe, Finely Decorated and Polished, with Wheels.

Single Beam.

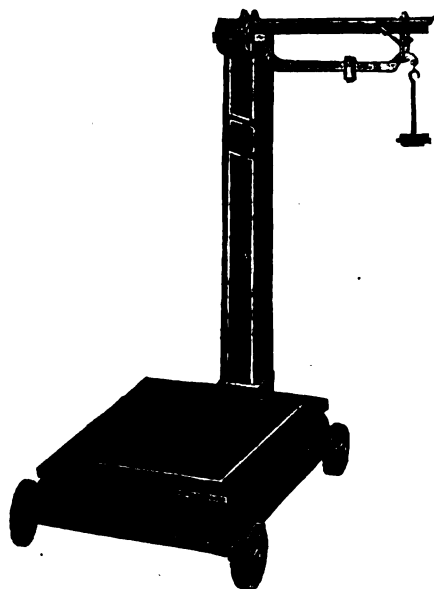
Nos.	412	418
Capacity, Lbs.	800	1500
Beam Graduated, Lbs.	50x $\frac{1}{4}$	100x $\frac{1}{4}$
Platform, Inches	16x26	19x28
Weight Each, Lbs.	170	225
Each	\$26.50	39.00

One in a Box.

Double Beam.

Nos.	410DB	412DB
Capacity, Lbs.	600	800
Beams Graduated, Lbs.	50x $\frac{1}{4}$	50x $\frac{1}{4}$
Platform, Inches	16x25	16x26
Weight Each, Lbs.	165	170
Each	\$26.00	28.50

One in a Box.



The Reliance is a High Grade Scale at a Moderate Price, combining to the greatest degree quality and accuracy. Beam is equipped with new style Balance Ball, stamped with capacity. Graduations are made with great care and precision and markings are very plain and distinct. Counter Poises numbered to correspond with Beam. Each Scale sealed and tested from its smallest graduation to its full capacity. Each Scale assembled and fitted by experts. A Scale that can be relied upon to give long and accurate service.

STANDARD AMERICAN WEIGHTLESS

Will Pass All State Inspections.

With Weightless Beam no Weights to Handle or to Lose.

With wheels, painted blue and striped, black japanned iron parts, hardwood pillar and cap.

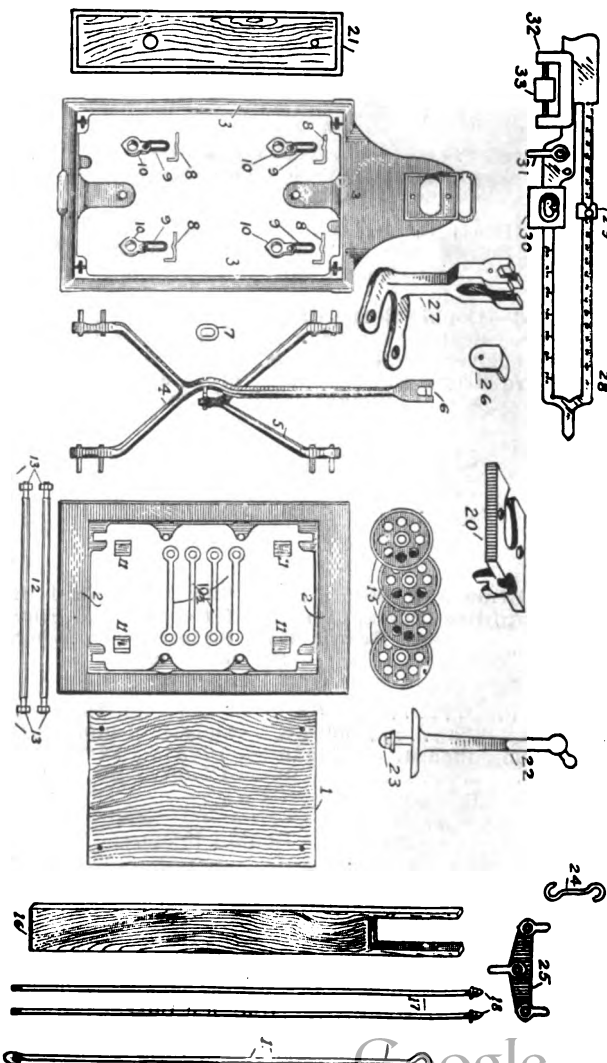
A portable platform scale graduated to pass inspection in any state, of good appearance, of absolute accuracy and with a novelty in the way of a new beam. This beam shows the full capacity of the scale without the use of any loose weights. It is made of a metal sufficiently hard to withstand the wear and tear of the steel tooth or dog which usually accompanies the poise of a full capacity beam.

Nos.	600WL	800WL	1000WL
Capacity, Lbs.	600	800	1000
Platform, Inches	15 $\frac{1}{2}$ x24 $\frac{1}{2}$	17x25 $\frac{1}{2}$	17x25 $\frac{1}{2}$
Weight Each, Lbs.	175	175	180
Each	\$24.00	26.50	29.00

One in a Box.

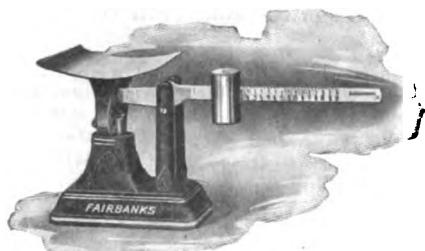
REPAIRS FOR STANDARD AMERICAN WEIGHTLESS SCALES

No. 1 — Platform Board.	Each \$1.00	No. 19 — Steelyard Rod.	Each \$1.00
No. 2 — Platform.	3.00	No. 20 — Iron Pillar Cap.	1.25
No. 3 — Frame.	5.00	No. 21 — Wood Cap.	1.00
No. 4 — Long Lever.	3.00	No. 22 — Beam Guard.	1.75
No. 5 — Short Lever.	2.50	No. 23 — Beam Guard Nuts. ....	.10
No. 6 — Nose Iron. ....	.30	No. 24 — Beam Rod for 1000	
No. 7 — Center Link. ....	.40	Lb. Beam. ....	.20
No. 8 — Loop Pin. ....	.20	No. 25 — Shelf Lever for	
No. 9 — Loop Links. ....	.40	1000 Lb. Beam. ....	.50
No. 10 — Lever Loops. ....	.40	No. 26 — Pivot Guard. ....	.15
No. 10 $\frac{1}{2}$ — Check Rods. ....	.40	No. 27 — Beam Stand.	1.00
No. 11 — Wood Plugs. ....	.10	No. 28 — Beam.	5.00
No. 12 — Axles.	1.00	No. 29 — Top Poise.	
No. 13 — Axle Nuts. ....	.10	No. 30 — Bottom Poise.	
No. 15 — Wheels.	1.00	No. 31 — Beam Loop.	See
No. 16 — Pillar.	2.00	No. 32 — Bal. Ball Slide.	Beam
No. 17 — Pillar Rods. ....	.50	No. 33 — Balance Ball.	
No. 18 — Pillar Rod Nuts. ....	.20		



POSTAL SCALES

FAIRBANKS



Single Nickel Plated Beam with Notched Top and Nickel Plated Poise, Curved Nickel Plated Brass Pan, Attractively Finished in Black Baked Enamel with Gold Striping.

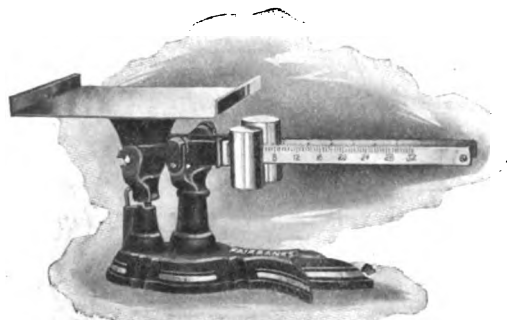
Nos.	601	613	604
Capacity, Oz.	9x ½	16x ½	34x ½
Pan, Inches	4x3	4 ¾ x3 ¼	7 ½ x5 ½
Weight Each, Lbs.	4	5	10
Each	\$5.00	6.00	8.50

These Scales are in general use by the United States Government, indicating the high degree of accuracy and sensitiveness possessed.

One in a Box.

POSTAL SCALES

FAIRBANKS



Double Brass Beam, Notched, Brass Sliding Poise, 8x8 inch Polished Brass Pan, Finished in Black Baked Enamel with Gold Striping.

No. 606—Double Beam, Capacity 6 Lbs by ½ Oz. \$12.00

These Scales have been adopted by the U. S. Government for extensive use throughout the Post Office Department. They are strong and rigid with broad stable base.

Weight Each 19 Pounds.

One in a Box.

PORTABLE PLATFORM SCALES

AMERICAN

Brass Beam and Sliding Poise, Black Japanned Iron Parts, Best Hardwood Pillar, Cap and Platform Board Finished in Blue and Brown, Gold Striped, with Wheels.

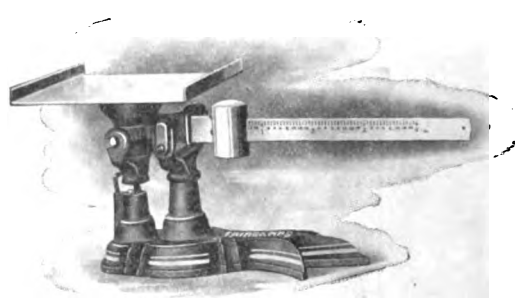
Single Beam.

Nos.	6A	8A	10A	12A	15A
Capacity, Lbs.	600x ¼	800x ¼	1000x ½	1250x ½	1500x ½
Platform, Inches.	16x25	17x26	17x26	18x26	19x28
Each	\$16.00	17.50	20.00	22.00	26.00

Double Beam.

Nos.	6AD	8AD	10AD
Capacity, Lbs.	600	800	1000x ½
Platform, Inches	16x25	16x26	17x26
Each	\$18.75	20.50	22.50

One in a Box.



Single Brass Beam, Notched, Brass Sliding Poise. 8x7 inch Polished Brass Pan, Finished in Black Baked Enamel with Gold Striping.

No. 605—Single Beam, Capacity 4 Lbs. by ½ Oz. \$8.00

These Scales have been adopted by the U. S. Government for extensive use throughout the Post Office Department. They are strong and rigid with broad stable base.

Weight Each 17 Pounds.

One in a Box.

SCALE WEIGHTS



Japanned, for Portable Platform Scales.

Size, Lbs.	50	100	200	300	400	500
Each 1-100	\$0.40	.40	.70	.80	1.00	1.20

Japanned, for Union or Family Scales.

Size, Lbs.	5-40	10-80
Each	\$0.35	.35

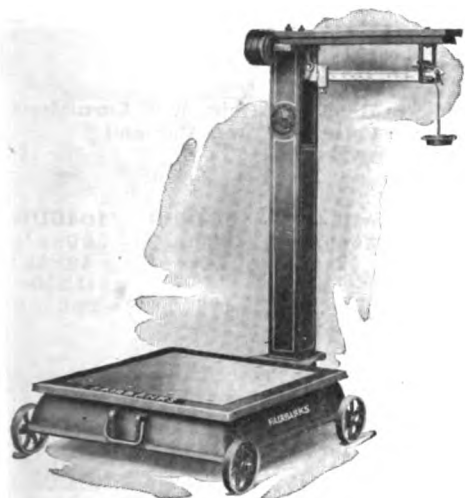
SCALE WEIGHT BOOKS

Fairbanks—Containing 500 Blank Receipts, Bound. \$1.50

Will Pass
State
Inspection.



FAIRBANKS STANDARD SCALES



Nos. 1120 to 1122.

PORTABLE PLATFORM

Arrow Tip Single Brass Beam, Brass Sliding Poise and Set Screw, Wood Pillar, Attractively Finished in Blue and Gold, Well Varnished for Protection.

With Wheels.

Nos.	1180	1128	1126	1124	1122	1120	1118	1116
Capacity, Lbs.	400	600	800	1000	1200	1500	2000	2500
Platform, Inches. .	16x22	16x25	18x27	18x27	20x28	22x31	25x33	25x34
Weight Each, Lbs. .	165	185	195	190	270	315	385	450
Each	\$26.00	33.00	38.00	43.00	49.00	56.00	75.00	85.00

Without Wheels.

Nos.	1114	1112	1110	1108	1106	1104	1102	1100
Capacity, Lbs.	400	600	800	1000	1200	1500	2000	2500
Platform, Inches. .	16x22	16x25	18x27	18x27	20x28	22x31	25x33	25x34
Weight Each, Lbs. .	155	175	185	180	255	310	365	415
Each	\$23.00	30.00	34.00	39.00	45.00	52.00	60.00	80.00

Note—Scales from 1500 Lb. Capacity and up are Braced with Iron Rod.

One in a Box.

DAIRY PORTABLE PLATFORM

Arrow Tip Double Brass Beam, Both Bars Graduated Alike, with Set Screw Poise on Lower Bar, Attractively Finished in Blue and Gold, Well Varnished for Protection.

This Scale is Adapted for Accurate Weighing of Milk and Cream for Creameries, Factories, Condenseries or Receiving Stations, and for General Weighing.

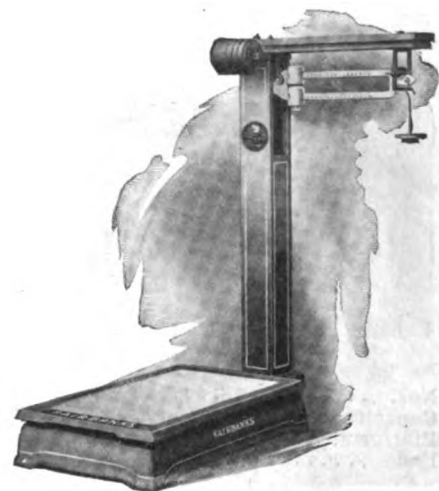
With Wheels.

Nos.	1277	1278	1280
Capacity, Lbs.	400x½	600x½	1000x½
Platform, Inches .	16x22	16x25	18x27
Weight Each, Lbs. .	165	185	190
Each	\$30.00	37.00	47.00

Without Wheels.

Nos.	1271	1272	1274
Capacity, Lbs.	400x½	600x½	1000x½
Platform, Inches .	16x22	16x25	18x27
Weight Each, Lbs. .	160	160	180
Each	\$27.00	34.00	43.00

One in a Box.



Nos. 1271 to 1274.

DROP LEVER PORTABLE PLATFORM

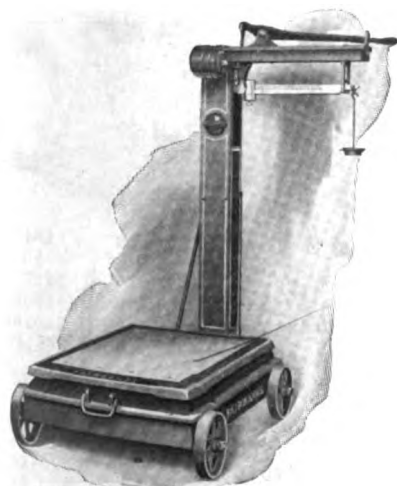
These Scales are adapted for weighing heavy boxes, cases and bulky loads. The Drop Lever when released from the Hook on Cap lowers the Scale Levers so that the Platform is brought to rest on lugs at the corners, in which position the Scale may be loaded or unloaded without jarring the mechanism. In weighing, the Drop Lever is brought down under the hook.

Arrow Tip Single Brass Beam, with Brass Sliding Poise and Set Screw, Wood Pillar Braced with Iron Rod, Drop Lever, Finished in Blue and Gold, Well Varnished.

Without Lever and Wheels.

Nos.	1180	1178	1176	1174	1172	1170	1166
Capacity, Lbs.	400	600	800	1000	1200	1500	2500
Platform, Inches .	16x22	16x25	18x27	18x27	20x28	22x31	25x34
Weight Each, Lbs. .	175	195	219	430	290	330	470
Each	\$34.00	41.00	46.00	51.00	59.00	70.00	94.00

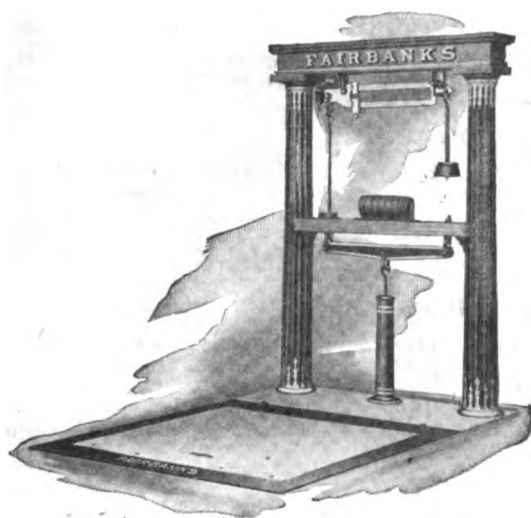
One in a Box.



Nos. 1180 to 1166.

WAREHOUSE SCALES

FAIRBANKS



Self-Contained, Tall Iron Pillars, Finished in Black and Gold, Well Varnished.
Double Brass Beam with Set Screw Poise on Lower Bar and Plain Poise on Upper Bar.

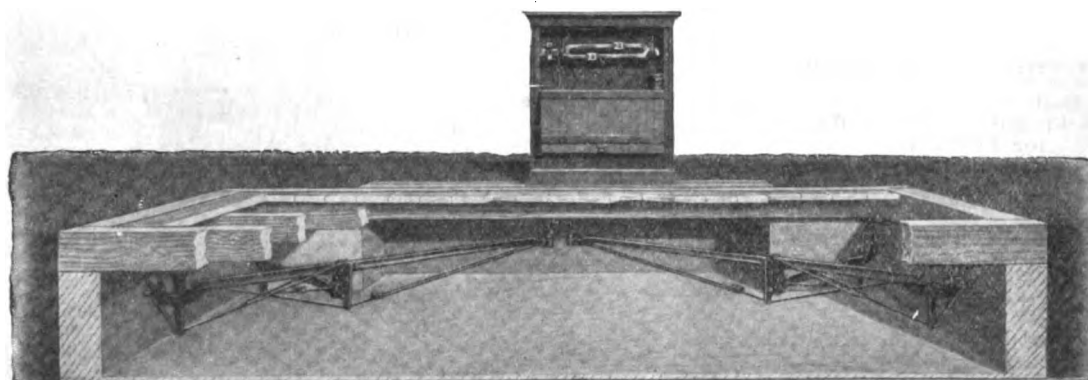
Nos.	1050DB	★1052DB	1048DB	1046DB
Capacity, Lbs.	2500x½	3500x½	3500x½	5000x½
Platform, Inches	47x37	42x44	42x44	48x49
Weight Boxed, Lbs.	775	895	890	1220
Each	\$113.00	141.00	133.00	180.00

★No. 1052DB has an Extra Long Neck.

Upper bar of beam is graduated 100x½ lbs., the lower bar 200x1 lbs.
An index counterpoise at the end of beam allows the value of the loose weights to be read directly from its stem.

WAGON AND STOCK SCALES

RELIABLE



In offering this Scale to our customers we do so with the utmost confidence that it will give entire satisfaction, and with ordinary care will last many years.

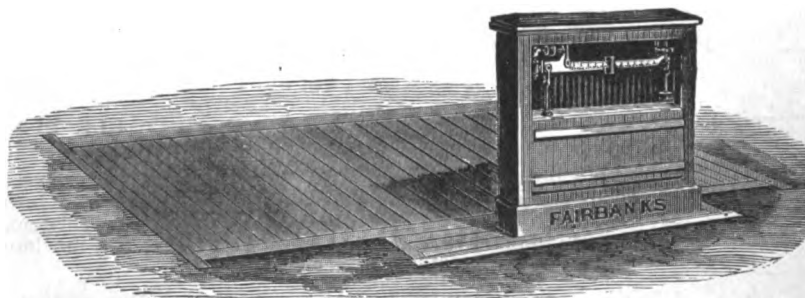
It is not so well finished as the high grade, although it is perfectly accurate.

The prices given are exclusive of Timber and Foundation.

Full Steel Trussed Levers, Double Brass Beam and Sliding Poise.

Nos.	3814	4814	5814	6814
Capacity, Tons	3	4	5	6
Platform, Feet	8x14	8x14	8x14	8x14
Each	\$94.00	100.00	115.00	145.00

FAIRBANKS



Nos.	2114	2112	2110	1932	2101	1930	1845	1928	1843
Capacity, Tons	4	5	6	6	6	8	8	10	10
Platform, Feet	14x8	14x8	14x8	16x7½	22x8	16x7½	22x7¼	16x7½	22x7¼
Weight Boxed, Lbs.	660	700	900	1050	1200	1150	1400	1200	1500
Single Beam	Each, \$170.00	200.00	225.00	250.00	265.00	275.00	315.00	300.00	350.00
Double Beam	Each, 180.00	210.00	240.00	265.00	280.00	290.00	330.00	315.00	365.00
Nos.	1829	1926	1924	1838	1824	1801	1922	1822	
Capacity, Tons	10	12	15	15	15	15	20	20	
Platform, Feet	22x7½	14x8½	16x7½	22x7¼	22x7½	22x10	14x8½	22x7½	
Weight Boxed, Lbs.	1500	1350	1400	1600	1700	1700	1900	2300	
Single Beam	Each, \$360.00	320.00	390.00	420.00	420.00	440.00	450.00	545.00	
Double Beam	Each, 375.00	335.00	405.00	435.00	435.00	455.00	465.00	560.00	

All the Above are Exclusive of Timber and Foundation, which are to be Furnished by the Purchaser.

WAGON SCALES

STEEL PITLESS

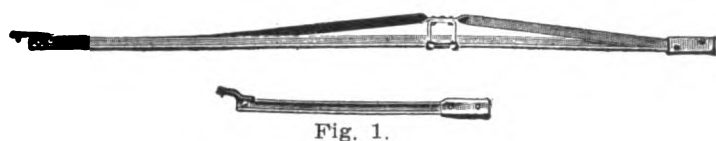


Fig. 1.

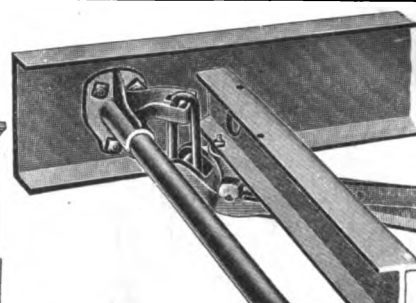


Fig. 2.

Figure 1 shows the corner construction in detail and how the tubular steel cross pieces pass through heavy gray iron corner brackets securely bolted to steel channel end beams. These cross pieces pass through both bracket and channel and are secured by lock nuts on back side of channel beam.

Figure 2 shows the long and short levers that are beneath and support the platform, same being made from a single piece of heavy "T"-shaped rolled steel. The long levers are trussed with heavy steel bars, making them perfectly rigid under any strain.

Direct Steel Lever Construction, Combination Three-Bar Solid Brass Beam, Graduated to Full Capacity, Brass Faced Sliding Poises, Finely Polished.

Double Beam.			Triple Beam.		
Nos.	★121	★122	Nos.	★121TB	★122TB
Capacity, Tons	4	5	Capacity, Tons	4	5
Platform, Feet	8x14	8x14	Platform, Feet	8x14	8x14
Weight Each, Lbs.	1000	1050	Weight Each, Lbs.	1000	1050
Each	\$155.00	159.00	Each	\$161.00	165.00

Beam—The upper bar is graduated by 10 pound marks to 2000 pounds capacity and has brass faced sliding poise provided with set screw so that it can be fastened at any point. The lower bar is graduated to 500 pounds by 2½ pound marks and has brass sliding poise. The middle bar is graduated to balance of capacity of scale by 500 pound notches and is provided with brass-faced sliding poise, fitted with steel pin which drops in notches. This poise is sealed on each notch, thus making any variation in weight impossible.

Beam Pivots are of best tool steel drawn to a knife edge and carefully tempered; each one being secured in beam by hard friction steels which pass through beam, preventing the loop from chafing or binding against beam. The beam pivot loops are carefully tempered. The beam is equipped with a balance ball to balance off the weight of the platform as it may vary from accumulation of ice, snow, etc., and also has a counter poise for greater variations in weight.

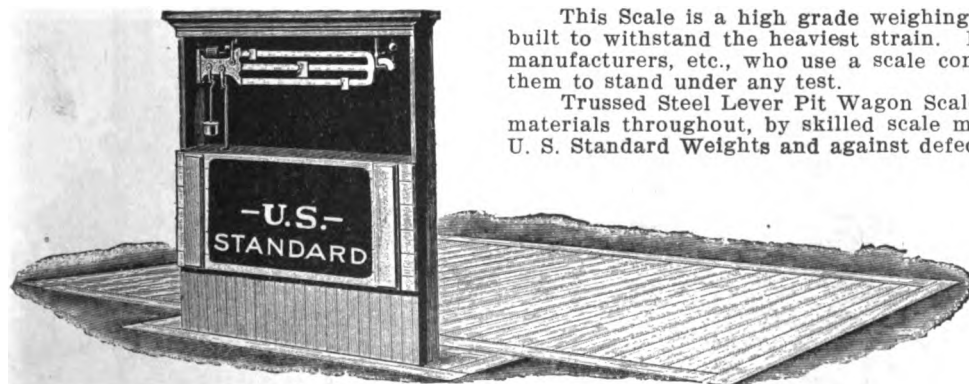
This celebrated Steel Pitless Scale is guaranteed to be sealed to U. S. Standard Weights, and against defective material and workmanship, and is carefully crated and boxed for shipment with complete printed directions for setting up and installing. Purchaser is required to furnish only the platform planks.

★Note—Not Carried in Stock; Shipped Direct from Factory.

TRUSSED STEEL LEVER PIT

This Scale is a high grade weighing machine, is accurate in weighing and is built to withstand the heaviest strain. It is intended for coal and grain dealers, manufacturers, etc., who use a scale constantly under all conditions and require them to stand under any test.

Trussed Steel Lever Pit Wagon Scales are made upon honor from high grade materials throughout, by skilled scale mechanics and guaranteed to be sealed to U. S. Standard Weights and against defective workmanship and material.



T Shaped Rolled Steel Lever, Combination Three-Bar Solid Brass Beam, Graduated to Full Capacity, Brass Faced Sliding Poises, Best Tool Steel Bearings Carefully Tempered and Ground to a Knife Edge.

Nos.	★127	★128	★129	★130	★131	★132
Capacity, Tons	3	4	5	6	8	10
Platform, Feet	8x14	8x14	8x14	8x14	8x14	8x14
Weight Each, Lbs.	540	560	580	620	640	660
Double Beam	Each, \$90.00	92.00	94.00	108.00	124.00	136.00
Triple Beam	Each, 96.00	98.00	100.00	120.00	144.00	156.00

This Scale is carefully boxed and crated complete with building plans for setting up and installing.

★Note—Not Carried in Stock; Shipped Direct from Factory.

WIRE FLOWER POT STANDS

PAINTED GREEN, GOLD STRIPED



No. 439—16 inches High, 14 inch Diameter Each \$2.00



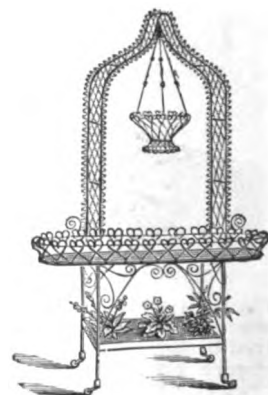
Single Stand.

No. 440—20 inches High, 27 inches Long, 9½ inches Wide Each \$3.00



Square, Two Shelves.

No.	443½
Height, Inches	32
Length of Shelves, Inches.....	33
Depth, Inches	18
Each	\$4.00



No. 441½—5 feet High, without Arch 24 inches, Shelf 32 inches Long, 10 inches Wide. Each \$5.00

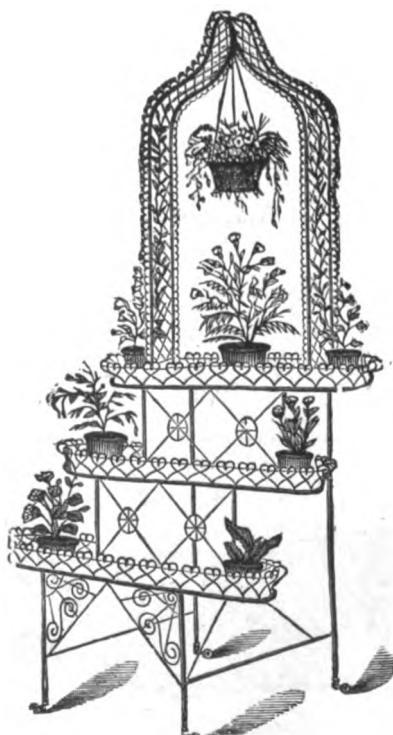
A water-tight pan is fitted in at the base for earth, moss and flowers. Each

No. 440½—Same as No. 441½, but without Pan..... \$4.00



Two Shelf, Square Stand.

No.	443
Height, Inches	68
Length of Shelves, Inches.....	33
Depth, Inches	18
Each	\$5.50



With Basket, Three Shelves.

No.	432
Height, Inches	78
Length of Shelves, Inches.....	39
Depth, Inches	30
Each	\$8.00

No. 434—Same as No. 432, but without Arch \$6.50



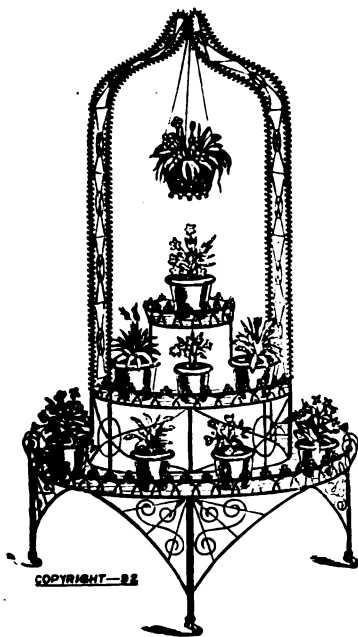
Semi-Circle Stand, with Basket and Gothic Arch.

No.	392
Height, Inches	78
Width, Inches	48
Depth, Inches	32
Each	\$8.00

No. 435—Same as No. 392, but without Arch \$6.50

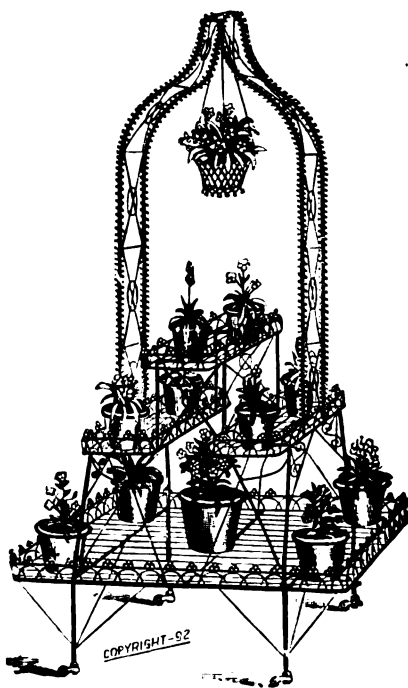
WIRE FLOWER POT STANDS

PAINTED GREEN, GOLD STRIPED



Semi-Circle, with Gothic Arch and Basket.

Each
No. 392½—68 inches High, 42 inches Wide, 28 inches Deep. \$7.00
No. 435½—Same as No. 392½, but without Arch..... 5.50



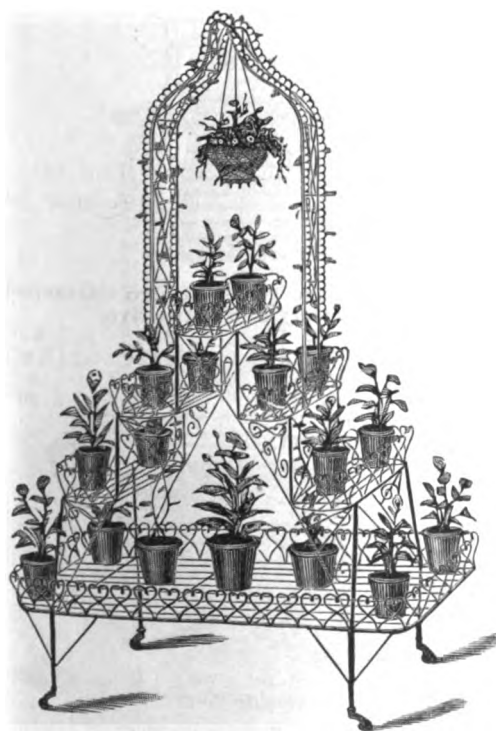
Pyramid, with Gothic Arch and Basket. Each

No. 393¼—69 inches High, Shelves 22 inches Long, Bottom Shelf 40x20 inches.... \$7.50
No. 393¾—Same as No. 393¼, but without Arch..... 6.50



With Gothic Arch and Basket. Each

No. 432½—78 inches High, 42 inches Wide, 24 inches Deep. \$9.50
No. 395—Same as No. 432½, but without Arch 8.00



Pyramid, with Gothic Arch and Basket. Each

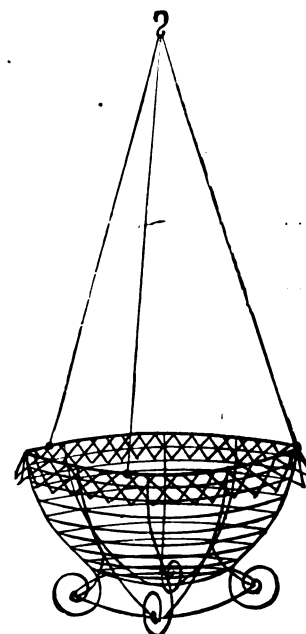
No. 398—78 inches High, 48 inches Wide, 22 inches Deep \$10.00
No. 398½—Same as No. 398, but without Arch..... 8.50



Semi-Circle, with Arch and Basket. Each

No. 396—78 inches High, 48 inches Wide, 32 inches Deep \$10.00
No. 397—Same as No. 398, but without Arch 8.50

WIRE HANGING BASKETS

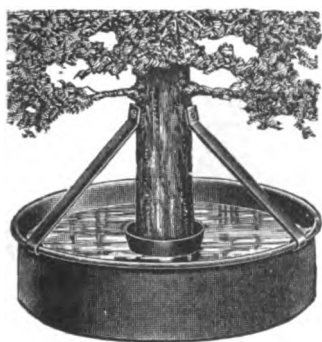


Painted Green, with Stand.

No. B422-00
Diameter, Inches 10
Per Dozen \$3.50

CHRISTMAS TREE HOLDERS

NESCO SAFETY



An unusually fine article. Holds tree firmly in socket with three braces on trunk. Water in pan serves as weight and keeps tree green and fresh.

Seamless Steel Pan, Japanned Green.

Nos.	12	14	16
Diameter, Inches	12 3/4	14 1/2	16 1/2
Depth, Inches	3 1/4	3 1/2	4
Per Dozen	\$10.00	12.00	15.00

One-twelfth Dozen in a Carton, One-half Dozen in a Case.

LITTLE GEM



Cut Shows Holder Folded.

No loose parts to get lost. The tree is held firmly in place by clamp at the top and a sharp spud by thumb nut and tree is held without danger of tipping.

Wrought Steel, Green Enameled.

Per Dozen

Little Gem—16 inch Diameter, 6 inches High, Adjustable for Trees 1 1/2 inch Diameter and Larger\$6.50
One-half Dozen in a Box.

BRIGHTON



This Holder is made solid so that water can be placed in it, which keeps the tree fresh and green for quite a long time.

Cast Iron, Japanned, Ornamented with Gold.

No. 50—For Trees from 1 to 4 inches in Diameter, with Three Set Screws and Centering Device, which Holds the Tree Secure and Perpendicular.....\$10.00

One Dozen in a Box.

CROWN



Cast Iron, Japanned.

Per Dozen

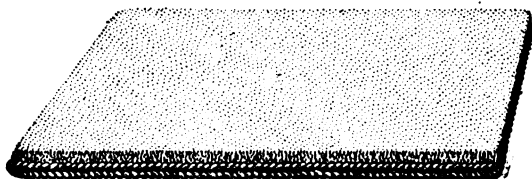
No. 2—For Trees up to 2 inches Diameter, Weight Per Dozen 38 Lbs.\$10.00

No. 8—For Trees up to 3 inches Diameter, Weight Per Dozen 70 Lbs. 14.00

One Dozen in a Box.

MATS AND MATTING

COCOA BRUSH MATS

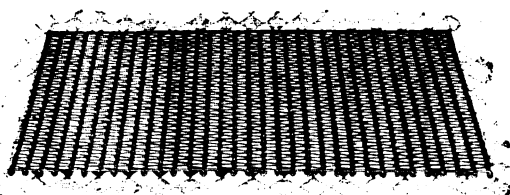


Extra Quality, Steel Clamp Braid Fastener.

Nos.	1	2	3
Size, Inches	14x24	16x27	18x30
Weight Each, Lbs.	2 1/2	3 1/4	4
Each	\$1.20	2.10	2.60

Open Stock.

U. S. MATS



No. 14 1/2 Special Galvanized and Tempered Steel Wire.

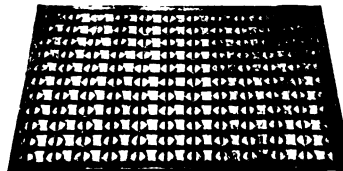
Nos.	2	3	4
Inches	18x30	22x36	26x48
Weight Per Dozen, Lbs.	75	110	175
Each	\$1.65	2.95	4.60

One-half Dozen in a Roll.

U. S. Mats and Matting are constructed to roll up but one way and therefore always lay flat. The scraping surface is perfect, presenting resistance in all directions.

*Note—U. S. Matting not Carried in Stock, but Shipped Direct from Factory.

GLEN STEEL MATS

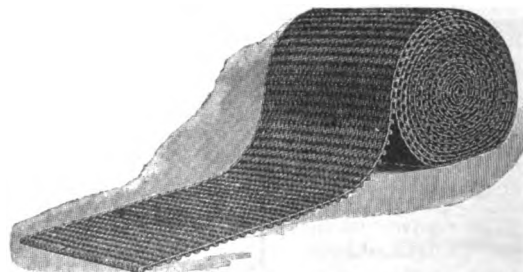


Best Grade Cold Rolled Steel Flat Wire, Electro Galvanized, Durable, Flexible, Sanitary and Attractive.

Nos.	2	3	4
Inches	15 1/2 x 23 1/2	17 1/4 x 30	21 1/2 x 36
Weight Each, Lbs.	5 1/2	8	10
Each	\$1.70	2.20	3.80

One in a Box.

*U. S. MATTING



No. 14 1/2 Special Galvanized and Tempered Steel Wire.

Per Square Foot

U. S. Matting—Widths 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 inches, Weight Per Square Foot 1 1/2 Lbs., in Full Rolls 50 or 100 feet Long\$0.50
Less than Full Rolls..... .55

The scraping surface is perfect, presenting resistance in all directions.

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BIRD CAGES

JAPANNED

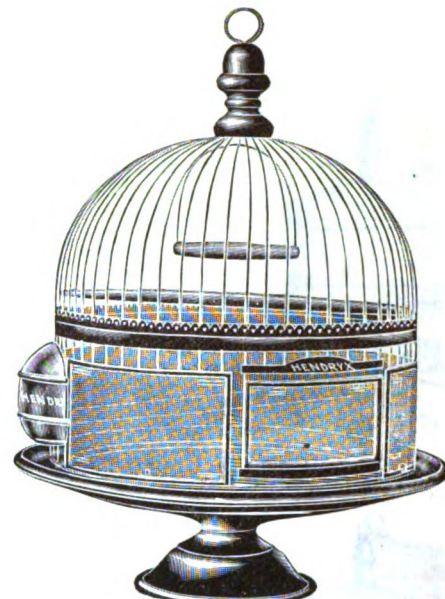


Fancy Oblong Square.

Nos.	066	067	068
Body, Inches	10 1/2 x 7	11 x 7 1/2	12 1/4 x 8 1/4
Height, Inches	16	16 1/2	17
Weight Per Dozen, Lbs. .	24	30	35
Per Dozen	\$22.50	24.00	26.00

Made of iron wire extending through three heavy tin cross bands and clinched at top ring under eye bolt, sliding doors, furnished in one coat white japan and one coat varnish, two glass cups, three wood perches and one swing.

Open Stock.



With Guard.

No. 6 1/2—17 1/2 x 11 inch White Enameled Body, with Colored Trimmings and Gold Stripe, Decorated Zinc Base \$38.00
Weight Per Dozen 30 Pounds.

Per Dozen

BRASS



Without Guard.

No. 5004—9 5/8 x 6 1/2 inch Body, 11 3/4 inches High.....\$32.00
Weight Per Dozen 20 Pounds.

Per Dozen

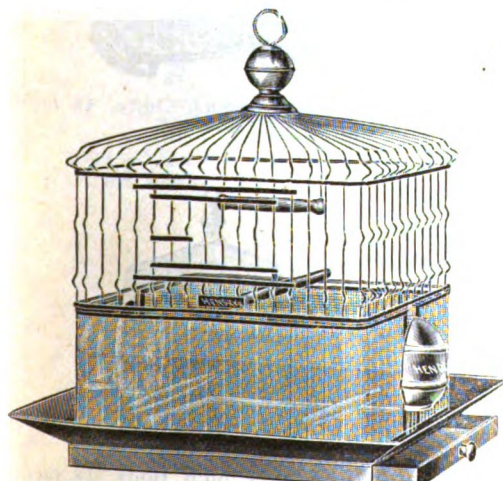
Open Stock.



With Guard.

No. 7006G—10 1/8 x 7 1/8 inch Body, 13 1/4 inches High...\$62.50
Weight Per Dozen 24 Pounds.

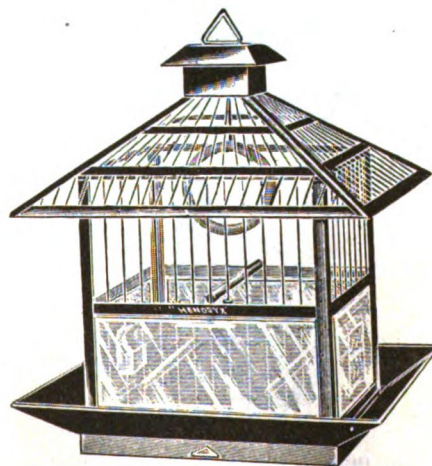
Per Dozen



With Guard and New Style Moulding Base, with Removable Drawer.

No. 608G—10 3/4 x 7 3/4 inch Body,
13 1/2 inches High.....\$94.50
Weight Per Dozen 50 Pounds.
Open Stock.

Per Dozen



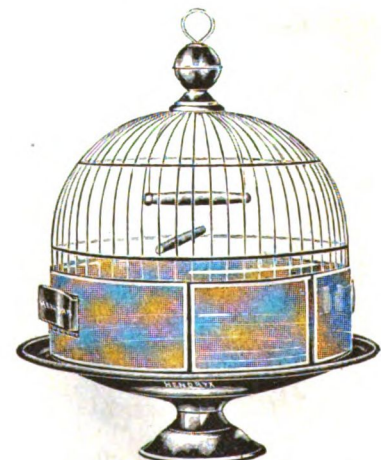
With Guard and Drawer Base.

No. 8020G—8 3/4 x 8 3/4 inch Body,
15 1/4 inches High.....\$144.00

Weight Per Dozen 110 Pounds.

Open Stock.

Per Dozen



With Guard.

No. 275—16 1/2 x 11 inch, Spring
Wire Body, Solid Brass
Rail, Spun Brass Base.....\$80.00
Weight Per Dozen 30 Pounds.
Open Stock.

Per Dozen

BIRD CAGES

JAPANNED, IN ASSORTMENTS



No. 159—7½x7½ inch Body, 15 inches High.



No. 160—8x8 inch Body, 15½ inches High.



No. 02—8½x6 inch Body, 13½ inches High.



No. 161—8¾x8¾ inch Body, 16½ inches High.



No. 165—9½x6½ inch Body, 15¼ inches High.



No. 166—10½x7 inch Body, 16 inches High.

Case 050—Contains Six Japanned Cages, One Each, Nos. 159, 160, 02, 161, 165 and 166.....**Per Case \$9.00**

Sold in Case Lots Only.

Weight Per Case 25 Pounds.



No. 167—11x7½ inch Body, 16¾ inches High.



No. 168—12¼x8¼ inch Body, 17½ inches High.



No. 169—13x8¾ inch Body, 18 inches High.



No. 067—11x7½ inch Body, 16½ inches High.



No. 068—12¼x8¼ inch Body, 17 inches High.



No. 069—13x8¾ inch Body, 18 inches High.

Case 2313—Contains Six Japanned Cages, One Each, Nos. 167, 168, 169, 067, 068 and 069.....**Per Case \$13.50**

Sold in Case Lots Only.

Weight Per Case 30 Pounds.

BIRD CAGES

JAPANNED, IN ASSORTMENTS



No. 266G—10 ½ x 7 inch Body, 16 inches High.



No. 267G—11 x 7 ½ inch Body, 16 ½ inches High.



No. 268G—12 ¼ x 8 ¼ inch Body, 17 ½ inches High.

Case 260G—Contains 6 Japanned Cages, Two Each Nos. 266G, 267G, 268G, with Brass Bound Guards. \$18.00
 Sold in Case Lots Only.
 Weight Per Case 30 Pounds.

BRASS, IN ASSORTMENTS



No. 5004—9 ¾ x 6 ½ inch Body, 11 ¾ inches High.



No. 5006—10 ½ x 7 ½ inch Body, 12 ¼ inches High.



No. 5008—10 ¾ x 7 ¾ inch Body, 12 ½ inches High.

Case 108—Contains 6 Oblong Square Brass Cages, Two Each Nos. 5004, 5006 and 5008. \$17.50
 Sold in Case Lots Only.
 Weight Per Case 25 Pounds.



No. 5004G—9 ¾ x 6 ½ inch Body, 11 ¾ inches High.



No. 5006G—10 ½ x 7 ½ inch Body, 12 ¼ inches High.



No. 5008G—10 ¾ x 7 ¾ inch Body, 12 ½ inches High.

Case 108G—Contains 6 Oblong Square Brass Cages, Two Each Nos. 5004G, 5006G, 5008G, with Brass Bound Guard. \$28.00
 Sold in Case Lots Only.
 Weight Per Case 28 Pounds.



No. 7004—9 ¾ x 6 ½ inch Body, 12 ¾ inches High.



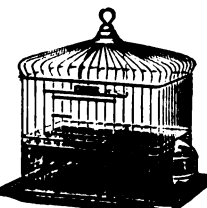
No. 7006—10 ½ x 7 ½ inch Body, 13 ¼ inches High.



No. 7008—10 ¾ x 7 ¾ inch Body, 13 ½ inches High.



No. 7004G—9 ¾ x 6 ½ inch Body, 12 ¾ inches High.



No. 7006G—10 ½ x 7 ½ inch Body, 13 ¼ inches High.



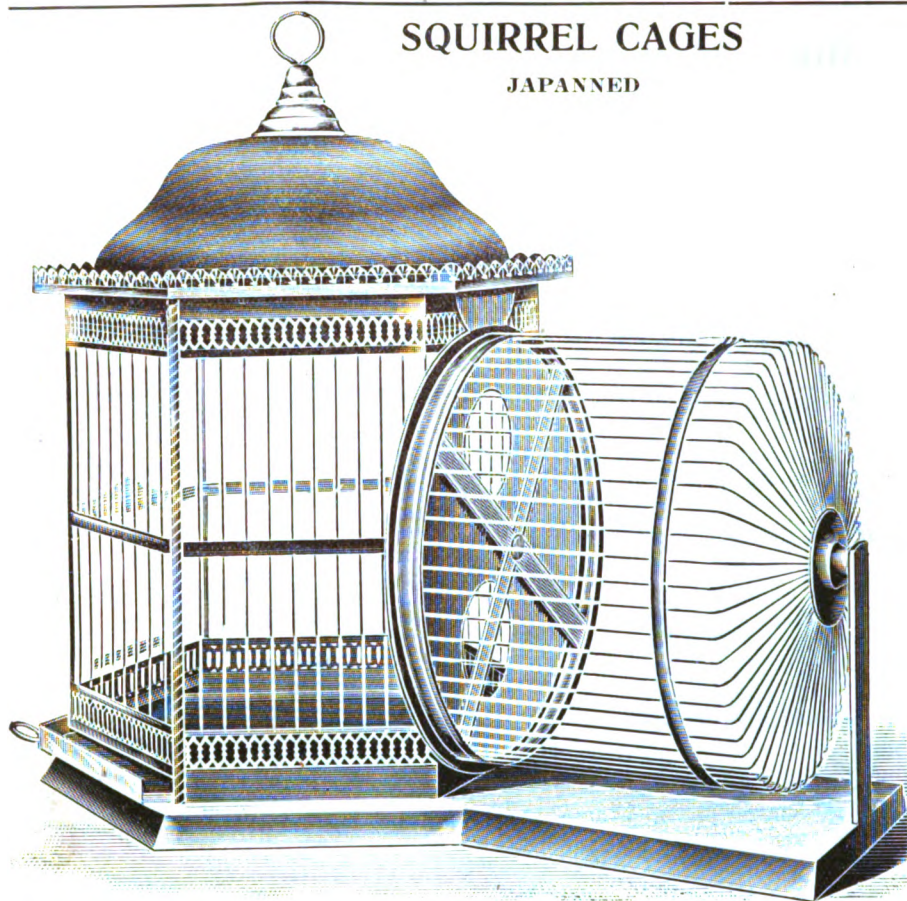
No. 7008G—10 ¾ x 7 ¾ inch Body, 13 ½ inches High.

Case 700XG—Contains 6 Brass Cages, One Each Nos. 7004, 7006, 7008, with Guards. \$26.00
 Sold in Case Lots Only.
 Weight Per Case 27 Pounds.

The bases are extra large and secured to the bodies with patent side fastenings, making a substantial first-class line of Brass Cages.

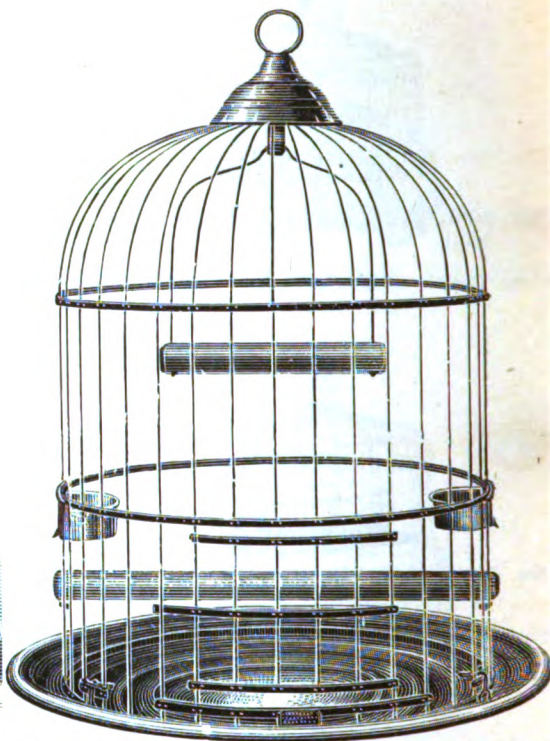
SQUIRREL CAGES

JAPANNED



PARROT CAGES

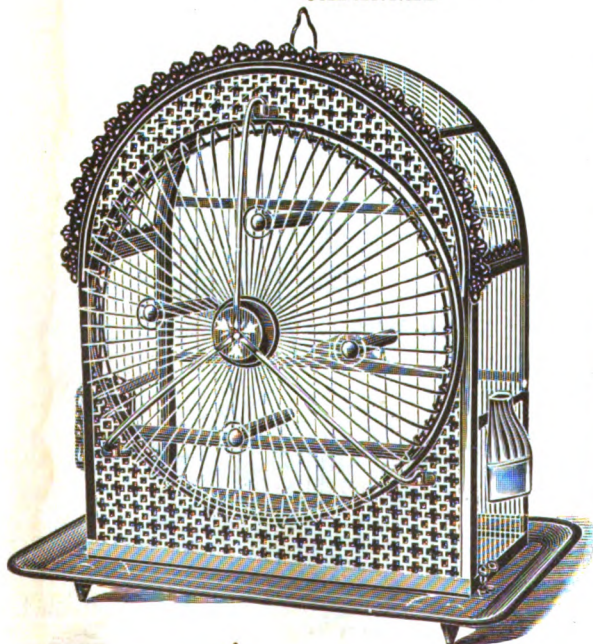
TINNED



Octagon, Constructed Entirely of Metal, No. 12 Bright Tinned Steel Wires, Dome and Other Metal Parts are Finely Japanned and Ornamented, with Removable Drawer. Each
 No. 7—24x16x22 inch Body, 12x9 inch Outside Wheel, 12x12 inch Dome.....\$14.50
 Weight Per Dozen 121 Pounds.

WHEEL CAGES

JAPANNED



Each
 No. 1500—13 1/4 x 6 1/2 inch Body, 19 inches High.....\$4.50
 Weight Per Dozen 60 Pounds.

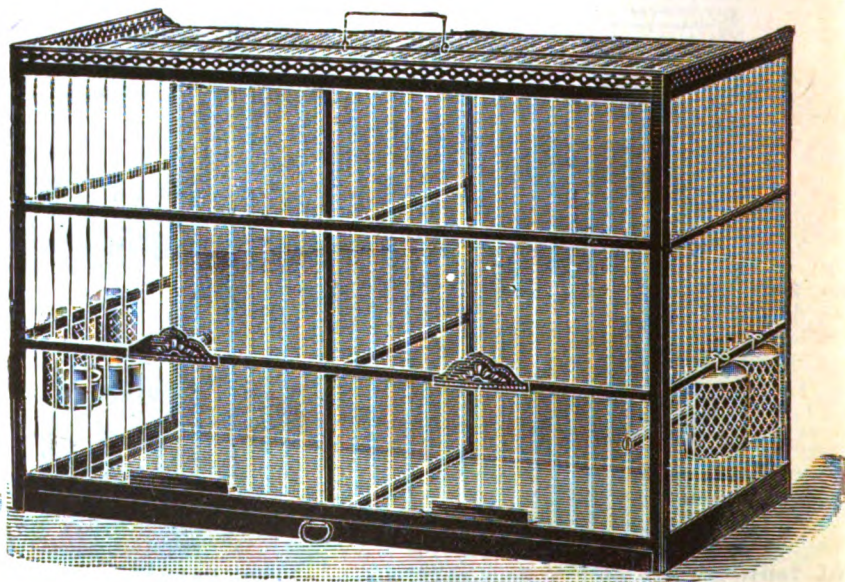
Tinned Steel Rails, No. 12 Tinned Wire, 1 1/8 inch Space, Plain Zinc Base.

Nos.	85	90
Diameter, Inches	15 1/2	17 1/2
Height, Inches	24	29
Each	\$7.00	9.50

Weight Per Dozen 98 Pounds.

BREEDING CAGES

JAPANNED



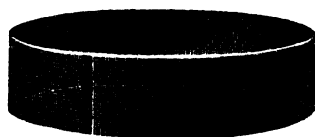
Made of Metal, with Partitions, Metal Drawn, Flat Back, Openings in Front.

Nos.	86	87
Length, Inches	20	22
Width, Inches	10	11
Height, Inches	14	15
Each	\$5.00	5.50

Weight Per Dozen 110 Pounds.

BIRD CAGE FIXTURES

BRASS GUARD CLOTH



To Prevent the Scattering of Seeds
Beyond the Cage.

Brass Guard Cloth—3 1/2 inches
Wide Per Foot
Fifty Feet in a Box. \$0.82

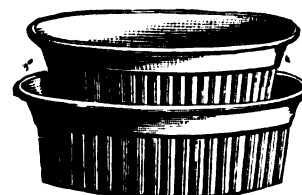
WIRE BIRD NESTS



Wire Bird Nests—With Hook.... Per Dozen \$1.20

One Dozen in a Box.

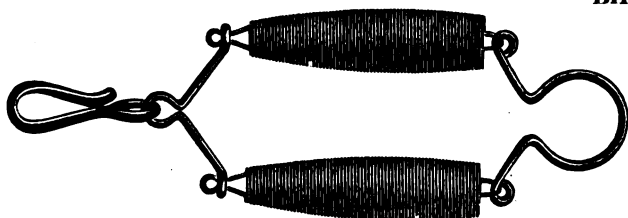
BIRD BATHS



Opal.

No. 8—Opal Bird Baths, Two
Sizes, Nested Per Dozen \$1.80
One Dozen in a Box.

BIRD CAGE SPRINGS



No. 19—Duplex, Best Quality Spring Brass Wire,
Gilded and Lacquered..... Per Dozen \$2.70
One Dozen in a Box.

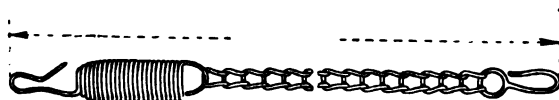


No. 10—Single, Brass, with Hooks..... Per Dozen \$0.40
Three Dozen in a Box.

BIRD CAGE SPRINGS AND CHAINS

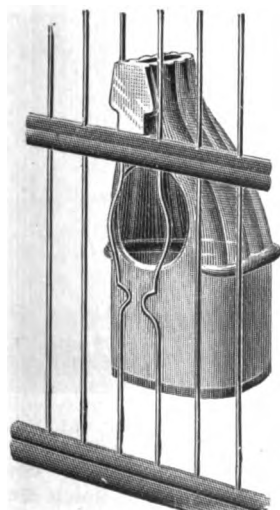


No. 30—Brass Plated Bird Cage Spring, with 36 inch Chain..... Per Dozen \$1.50
One Dozen in a Box.

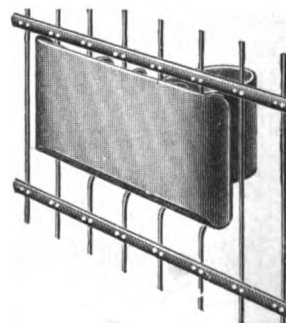


No. 24—Solid Brass Bird Cage Spring, with 24 inch Chain..... Per Dozen \$2.00

BIRD CAGE CUPS

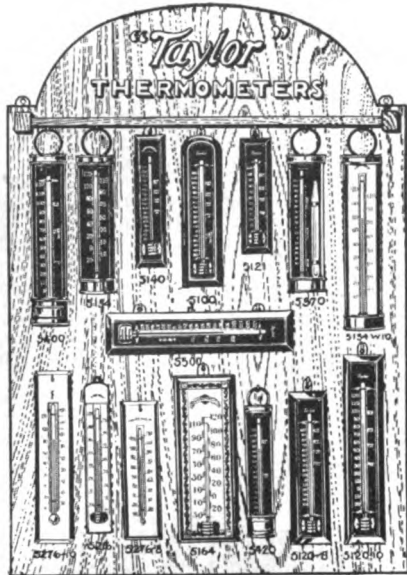


No. 1886—Glass, Will Fit Any of Our Japanned Bird
Cages Per Dozen \$1.20

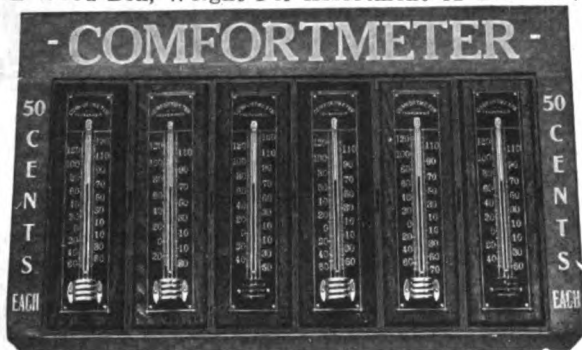


No. R—Opal, Will Fit Any of Our Brass Bird Cages... Per Dozen \$1.20

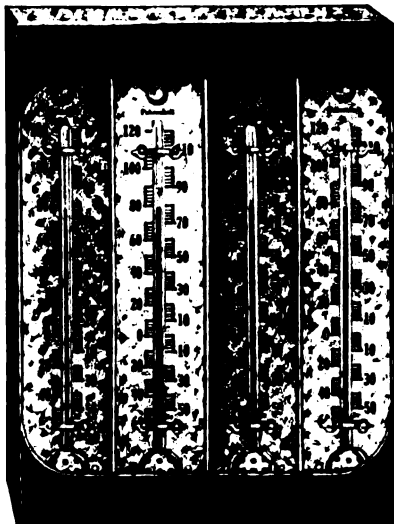
THERMOMETER ASSORTMENTS



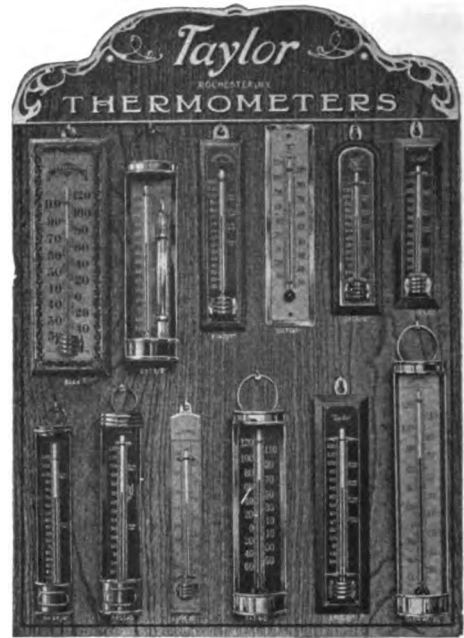
- No. 1**—Consists of 37 Thermometers, 15 Styles, Mounted on an Attractive Green Oak Display Board, Complete Descriptive Circular with Each Assortment, Size of Board 32x24 inches, Packed in Wood Box, Weight Per Assortment 42 Lbs....**\$25.00**



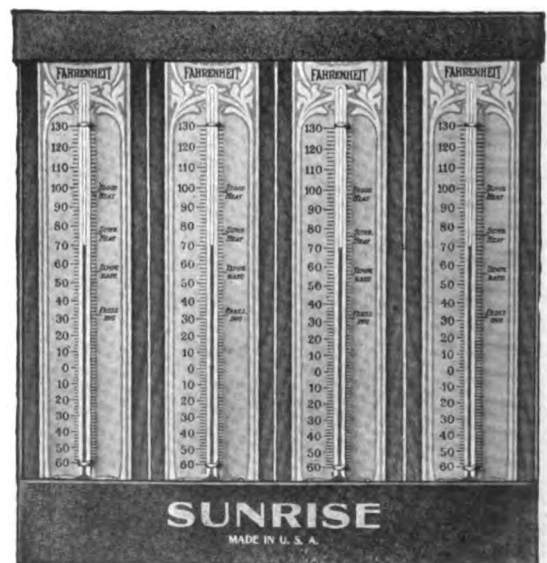
- No. 5151**—Consists of 1 Dozen Thermometers with Easy Reading Spirit Magnifying Tubes, Mounted on Metal Scales which are Finished in Colors to Harmonize with the Wood Backs which are Flemish, Bog and Mission Oak Assorted, Size of Thermometer 8x2 1/2 inches, Size of Easel Back Display Package 18x11 inches, Weight Per Assortment 3 1/2 Lbs.**\$8.00**



- No. 5170**—Consists of 1 Dozen Assorted White, Green, Yellow and Blue Wood Back Thermometers, Magnifying Spirit Tubes, Mounted on Easel Back Counter Display Card, Size of Thermometer 8 inches, Weight Per Assortment 2 1/2 Lbs.**\$4.00**



- No. "O"**—Consists of 19 Thermometers, 12 Styles Mounted on Heavy Cardboard in Imitation Gray-wood Finish, Complete Descriptive Circular with Each Assortment, Size of Board 24x18 inches, Packed in Strawboard Box, Weight Per Assortment 15 Lbs.....**\$13.50**



- No. 5152**—Consists of 1 Dozen Thermometers, Lithographed Tin Scale, Mounted on Green Stained Hardwood Backs, Magnifying Spirit Tubes, Packed in Maroon Colored Imitation Leather Display Box for Counter Use, Size of Thermometer 8 inches, Weight Per Assortment 3 1/2 Lbs.**\$5.50**

THERMOMETERS

WOOD BACK

STANDARD GRADE



Tubes Seasoned and Tested for Accuracy, Large Magnifying Columns, Spirit Filled, Black Oxidized Metal Scales, Oak Backs, Every Detail of These Thermometers is Worked Out to Produce the Perfection of Thermometer Making, Approximate Scale Range 40° Below Zero to 120° Above.

Nos. 5100S/8
Length, Inches... 8
Wt. Dozen, Lbs... 5
Per Dozen \$17.50

One Dozen in a Box.

JAPANNED TIN CASE

STANDARD GRADE



Tubes Seasoned and Tested for Accuracy, Large Magnifying Columns, Spirit Filled, Black Oxidized Metal Scales, Every Detail of These Thermometers is Worked Out to Produce the Perfection of Thermometer Making, Approximate Scale Range 60° Below Zero to 120° Above.

Nos. 5400S/8 5400S/10
Length, In. 8 10
Wt. Doz., Lbs... 4 5 ½
Per Doz. \$18.00 17.50

8 inch, One Dozen in a Box;
10 inch, One-half Dozen in a Box.

DISTANCE READING

SELECTED COMMON GRADE



Magnifying Spirit Filled Tubes, Large Figures, Black Oxidized Metal Scales, Coppered Metal Case, Approximate Scale Range 60° Below Zero to 120° Above.

Nos. 5154S/8 5154S/10
Length, In. 8 10
Wt. Doz., Lbs... 4 5 ½
Per Doz. \$7.50 9.50

8 inch, One Dozen in a Box;
10 inch, One-half Dozen in a Box.

WOOD BACK

MEDIUM GRADE



Magnifying Spirit Filled Tubes, Black Oxidized Metal Scales, Oak and Cherry Backs, Approximate Scale Range 40° Below Zero to 120° Above.

Nos. 5120S/8 5120S/10
Length, In. 8 10
Wt. Doz., Lbs... 4 ½ 6
Per Doz. \$9.50 18.00

8 inch, One Dozen in a Box;
10 inch, One-half Dozen in a Box.

JAPANNED TIN CASE

SELECTED COMMON GRADE



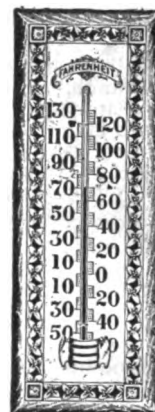
Magnifying Spirit Filled Tubes, Black Oxidized Metal Scales, Approximate Scale Range 60° Below Zero to 120° Above.

Nos. 5420S/8 5420S/10
Length, In. 8 10
Wt. Doz., Lbs... 2 ½ 3 ½
Per Doz. \$4.75 6.50

8 inch, One Dozen in a Box;
10 inch, One-half Dozen in a Box.

DISTANCE READING

COMMON GRADE



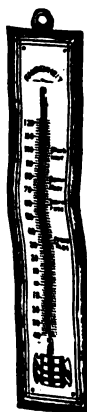
Magnifying Spirit Filled Tubes, Large Figures, Lithographed Tin Scales, Varnished White Wood Back, Approximate Scale Range 60° Below Zero to 120° Above.

Nos. 5162/10
Length, Inches.. 10
Wt. Doz., Lbs. 4 ¾
Per Dozen.... \$8.75

One Dozen in a Box.

WOOD BACK

COMMON GRADE



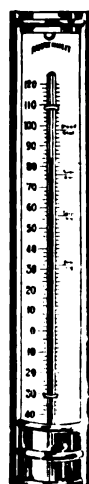
Black Oxidized Metal Scales, Birch and Walnut Finish Backs, Approximate Scale Range 40° Below Zero to 120° Above.

Magnifying Spirit Tubes.
Nos. 5140S/8 5140S/10
Length, In. 8 10
Wt. Doz., Lbs... 3 5
Per Doz. \$5.00 7.00

Magnifying Mercury Tubes.
Nos. 5140/8 5140/10
Length, In. 8 10
Wt. Doz., Lbs... 3 5
Per Doz. \$5.00 7.00
8 inch, One Dozen in a Box;
10 inch, One-half Dozen in a Box.

JAPANNED TIN CASE

COMMON GRADE



Lithographed Tin Scales, Approximate Scale Range 60° Below Zero to 120° Above.

Magnifying Spirit Tubes.

Nos. 5440S/8 5440S/10
Length, In. 8 10
Wt. Doz., Lbs... 1 ½ 2 ¼
Per Doz. \$2.00 2.50

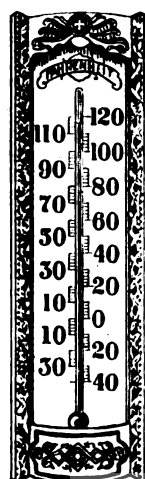
Magnifying Mercury Tubes.

Nos. 5440/8 5440/10
Length, In. 8 10
Wt. Doz., Lbs... 1 ½ 2 ¼
Per Doz. \$3.00 3.60

8 inch, One Dozen in a Box;
10 inch, One-half Dozen in a Box.

DISTANCE READING

COMMON GRADE

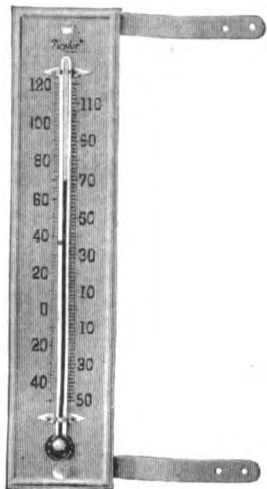


Magnifying Spirit Filled Tubes, Large Figures, Lithographed Tin Scale and Back, Approximate Scale Range 60° Below Zero to 120° Above.

Nos. 5160/10
Length, Inches. 10
Wt. Dozen, Lbs. 2 ½
Per Dozen.... \$3.00

One Dozen in a Box.

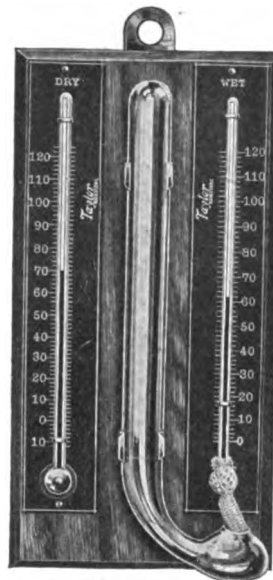
THERMOMETERS

WINDOW
MEDIUM GRADE

Magnifying Spirit Filled Tubes, Large Figures, Nickel Plated Dull Finish Metal Scale, Metal Arms for Attaching to Outside Window Frame, Approximate Scale Range 60° Below Zero to 120° Above.

Nos.	5810S/10
Length, Inches	10
Weight Per Dozen, Lbs.	6
Per Dozen	\$15.00

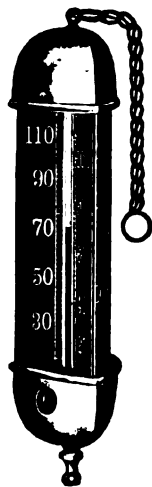
One-half Dozen in a Box.

MASON HYGROMETER
MEDIUM GRADE

Two Metal Scale Thermometers, One Wet Bulb and One Dry Bulb for Determining the Moisture of the Air in Living Rooms, Glass Siphon Water Bottle, Oak Back, Complete with Tables.

No.	5536
Length, Inches	8
Weight Each, Oz.	12
Each	\$2.50

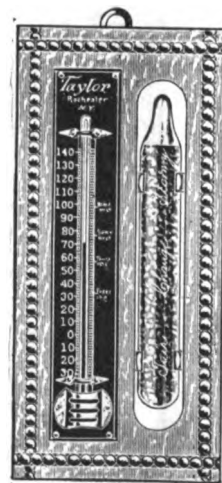
One in a Box.

RADIAL SCALE
STANDARD GRADE

Designed to Suspend by a Chain and Snap from the Chandelier or Wall Fixture, Can be Read at a Distance and from All Sides of the Room, Large Magnifying Spirit Filled Tubes, Large Figures, Black Oxidized Metal Scales, Nickel Plated Ends, Approximate Scale Range 20° to 100° Above Zero.

Nos.	5850
Length, Inches	6
Weight Per Dozen, Lbs.	6 1/2
Per Dozen	\$30.00

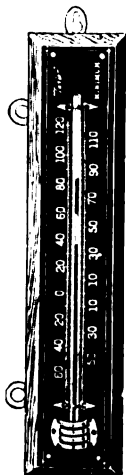
One-half Dozen in a Box.

STORM GLASS
MEDIUM GRADE

Magnifying Mercury Filled Tubes, Black Oxidized Metal Scale, Oak Back, Glass Storm Bottle Etched Fair, Rain and Stormy, Approximate Scale Range 40° below Zero to 120° Above.

Nos.	5864
Length, Inches	8
Weight Per Dozen, Lbs.	8
Per Dozen	\$15.00

One-half Dozen in a Box.

MINIMUM SELF-REGISTERING
MEDIUM GRADE

For Determining the Lowest Temperature Reached During the Night, a Glass Needle Floats in the Liquid of the Tube which Stays at the Lowest Point Until Reset, Magnifying Spirit Filled Tubes, Black Oxidized Metal Scales, Oak Back, Approximate Scale Range 60° Below Zero to 120° Above.

Nos.	5500/10
Length, Inches	10
Weight Per Dozen, Lbs.	5 1/2
Per Dozen	\$18.00

One-half Dozen in a Box.

STORM GLASS
SELECTED COMMON GRADE

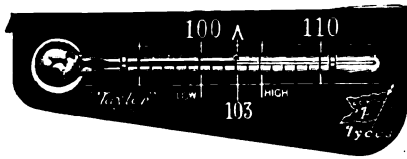
Magnifying Mercury Filled Tubes, Black Oxidized Metal Scales, Japanned Tin Case, Glass Storm Bottle, Approximate Scale Range 40° Below Zero to 120° Above.

Nos.	5370
Length, Inches	8
Weight Per Dozen, Lbs.	4
Per Dozen	\$6.00

One Dozen in a Box.

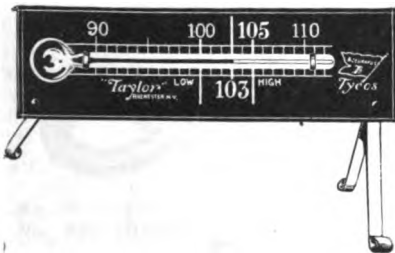
THERMOMETERS

INCUBATOR

STANDARD GRADE
Mercury Seasoned Tubes.

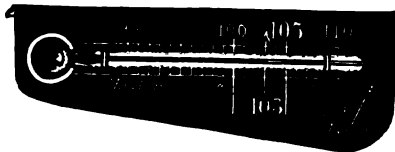
Black Oxidized Brass Scale, Angle Pattern, with Flange on One Side, Degree Lines Etched on the Stem with Certificate of Accuracy.

Nos. 5782
Length, Inches 4
Weight Per Dozen, Lbs. 1½
Per Dozen \$13.00
One Dozen in a Box.



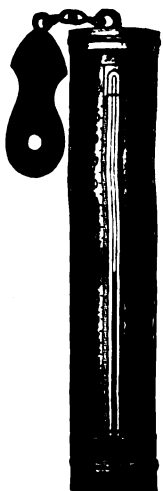
Brass, Oxidized Brass Scale, Adjustable Leg Pattern.

No. 5770
Length, Inches 4
Weight Per Dozen, Lbs. 1½
Per Dozen \$11.50
One Dozen in a Box.



Black Oxidized Brass Scale with Flange on One Side, Angle Pattern.

No. 5774
Length, Inches 4
Weight Per Dozen, Lbs. 1½
Per Dozen \$10.00
One Dozen in a Box.

HOME CANDY
MEDIUM GRADE

Silvered Brass Scale, Black Filled Figures and Graduations, Mercury Tube, Each with Book of Candy Recipes Giving Correct Temperature to Make Candy, Approximate Scale Range 80° to 350° Above Zero.

No. 5908
Length, In. 8
Wt. Doz., Lbs. 4½
Per Dozen \$18.00

One Dozen in a Box.

DAIRY

STANDARD GRADE
GLASS CYLINDER

For Churning.



Three-quarter inch Diameter Hand Written Paper Scale, One Degree Graduation, Accurate Within One Division of the Scale, Mercury Tube, Shot Weighted, Guaranteed to Float Upright, Approximate Scale Range 10° to 110° Above Zero.

No. 5700
Length, Inches 10
Weight Per Dozen, Lbs. 1¼
Per Dozen \$20.00

One Dozen in a Box.

DAIRY

STANDARD GRADE
GLASS CYLINDER

For Pasteurizing.



Three-quarter inch Diameter, Hand Written Paper Scale, Two Degree Graduation, Accurate Within One Division of the Scale, Mercury Tube, Approximate Scale Range 30° to 220° Above Zero.

No. 5701
Length, Inches 10
Weight Per Dozen, Lbs. 1¼
Per Dozen \$20.00

One Dozen in a Box.

DAIRY

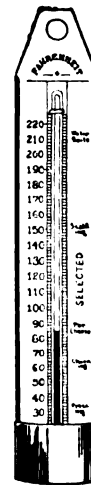
EXTRA GRADE
FLANGED METAL

Black Oxidized Brass Scales, White Filled Figures and Graduations, Sliding Guard, Ruby Back Mercury Tube, Approximate Scale Range 20° to 220° Above Zero.

No. 5780
Length, Inches 8
Wt. Per Dozen, Lbs. 2
Per Dozen \$10.00

One Dozen in a Box.

DAIRY

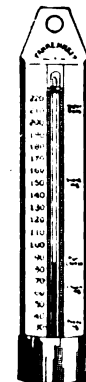
SELECTED COMMON GRADE
FLANGED METAL

Nickel Plated Brass Scales, Nickel Plated Figures and Graduations, Sliding Guard, White Back Mercury Tube, Approximate Scale Range 20° to 220° Above Zero.

No. 5740
Length, Inches 8
Wt. Per Dozen, Lbs. 2
Per Dozen \$7.00

One Dozen in a Box.

DAIRY

COMMON GRADE
FLANGED METAL

Plain Brass Scales, Black Filled Figures and Graduations, Sliding Guard, White Back Mercury Tube, Approximate Scale Range 20° to 220° Above Zero.

No. 5750
Length, Inches 8
Wt. Per Dozen, Lbs. 2
Per Dozen \$5.00

One Dozen in a Box.

HOME BAKE OVEN

MEDIUM GRADE



Mercury Tube, Metal Scale, Sand Blast Finish, Round Metal Base, Complete with Book of Recipes, Giving the Exact Temperature and Time for Cooking Bread, Biscuits, Cakes, Pies and Meats, Compiled by a Professor of Domestic Science, Approximate Scale Range 100° to 600° Above Zero.

No. 5928
Length, Inches 5
Weight Per Dozen, Lbs. 4½
Per Dozen \$22.80
One-half Dozen in a Handsome Easel Back Display Package.

HAND BELLS



BRASS, POLISHED, ENAMELED WOOD HANDLE.

Nos.	1	2	3	4	5	6	7
Diameter of Mouth, Inches.....	2 $\frac{3}{8}$	2 $\frac{5}{8}$	2 $\frac{7}{8}$	3 $\frac{3}{8}$	3 $\frac{5}{8}$	4	4 $\frac{3}{8}$
Per Dozen	\$2.62	3.50	4.50	6.50	8.50	11.25	13.75
Nos.	8	9	10	12	14	16	
Diameter of Mouth, Inches.....	5	5 $\frac{3}{8}$	5 $\frac{5}{8}$	6 $\frac{1}{2}$	7 $\frac{1}{4}$	8 $\frac{1}{8}$	
Per Dozen		\$18.50	24.00	30.00	36.00	48.00	62.00

Nos. 1 to 4, One-half Dozen in a Box; Nos. 5 to 7, One-third Dozen in a Box; Nos. 8 to 16, One Wrapped in Paper.

SWISS HAND BELLS



Pure Bell Metal, Polished, Extra Tinned, Mahogany Stain Handle.

Nos.	8-S	10-S	12-S
Diam. Mouth, In.	4 $\frac{3}{8}$	5 $\frac{3}{8}$	6 $\frac{3}{8}$
Per Dozen	\$22.50	38.25	57.75

Each Bell Wrapped in Paper.

MILK MEN'S BELLS

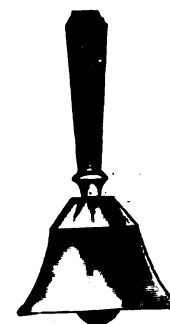


Buell Pattern, Pure Metal, Finely Polished, Extra Heavy, Enameled Wood Handle.

No.	12M
Diameter of Mouth, Inches....	6 $\frac{3}{8}$
Per Dozen	\$40.00

Each Bell Wrapped in Paper.

TEA BELLS



Bell Metal, Finely Polished, Enameled Wood Handle.

No.	2T
Diameter of Mouth, Inches....	2
Per Dozen	\$2.50

One-half Dozen in a Package.

CALL BELLS



No. 72—3 $\frac{3}{8}$ inch Diameter,	Per Dozen
Wrought Steel Base and Gong, Finely Polished, Heavily Nickel Plated.....	\$4.00
One-half Dozen in a Box.	



No. 74—3 $\frac{3}{8}$ inch Diameter,	Per Dozen
Wrought Brass Base, Cast Bell Metal Gong, Handsomely Nickel Plated.....	\$9.00
One-twelfth Dozen in a Box.	



No. 93—4 inch Diameter, Bell Metal Gong, Nickel Plated, Bronzed Base	Per Dozen
One-twelfth Dozen in a Box.	\$12.00

SINGLE JACK CHAINS

Cuts Full Size.



No. 22—Iron Per Dozen Yards \$0.40



No. 20 —Iron Per Dozen Yards \$0.40
No. 20B—Brass55



No. 16 —Iron Per Dozen Yards \$0.48
No. 16B—Brass55



No. 12 —Iron Per Dozen Yards \$0.65
No. 12B—Brass 2.30



No. 8 —Iron Per Dozen Yards \$0.95
No. 8B—Brass 5.25

No. 22B—Brass Per Dozen Yards \$0.50



No. 18 —Iron Per Dozen Yards \$0.45
No. 18B—Brass70



No. 14 —Iron Per Dozen Yards \$0.55
No. 14B—Brass 1.60



No. 10 —Iron Per Dozen Yards \$0.80
No. 10B—Brass 3.50



No. 6 —Iron Per Dozen Yards \$1.30
No. 6B—Brass 8.00

All Above, One Dozen Yards in a Box.

SAFETY CHAINS



No. 00.

Nos.
Brass Per Dozen Yards, \$1.25
Nickel Plated Per Dozen Yards, 1.75
One Dozen Yards in a Box.



No. 2.

Nos.	00	0	1	2	3
Brass	\$1.25	1.50	1.85	2.30	3.15
Nickel Plated	1.75	2.00	2.40	2.80	3.65

LADDER CHAINS



Per Dozen Yards

No. 19—Brass \$2.25

All Above, One Dozen Yards in a Box.



Per Dozen Yards

No. 17—Brass \$3.00

PLUMBERS' CHAINS



Per 100 Feet

No. 1/0—Plumbers', Steel, Coppered \$3.75

Five Hundred Feet on a Reel.

HARDWARE CHAINS



Per 100 Feet

No. 2/0—Hardware, Steel, Coppered \$3.10

WIRE PICTURE CORD

BRAIDED



No. 1



No. 3



Nos. 2 and 02



No. 4

Nos.	Tinned, 25 Yard Coils.			
	1Y	2Y	3Y	4Y
Number of Strands	8	12	16	20
Per Dozen Coils	\$1.40	2.20	3.00	3.50

One Dozen Coils in a Box.

Nos.	Gilt, 25 Yard Coils.	
	02Y	12
Number of Strands	12	
Per Dozen Coils	\$8.00	

One Dozen Coils in a Box.

Nos.	Tinned, 25 Foot Coils.			
	1F	2F	3F	4F
Number of Strands	8	12	16	20
Per Dozen Coils	\$0.90	1.20	1.60	1.90

One Dozen Coils in a Box.

Nos.	Gilt, 25 Foot Coils.	
	02F	12
Number of Strands	12	
Per Dozen Coils	\$4.00	

One Dozen Coils in a Box.

PICTURE NAILS



No. 9—2½ inch, Porcelain Center, Brass Rim, Screw
Head Per Gross \$2.80
One-quarter Gross in a Box.



No. 016—3 inch, Crown, Nickel Plated, Wire Spiral
Head Per Gross \$3.00
One-quarter Gross in a Box.

PICTURE HOOKS

MOULDING



No. 5724.

No. 5724—Safety Locking,
Wrought Brass, for 1½ inch
Moulding Per Gross \$7.50
One-quarter Gross in a Box.



Nos. 290 and 073.

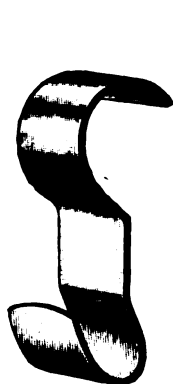
No. 290—Steel, Brass Plated, for
1½ inch Moulding Per Gross \$2.00
No. 073—Solid Brass, for 1½
inch Moulding 5.00
One-half Gross in a Box.



No. 127—Wrought Steel, Brass
Plated, for 1½ inch Mould-
ing Per Gross \$1.10
One-half Gross in a Box.

PICTURE HOOKS

MOULDING



No. 255.



No. 0.

No. 255—Wrought Steel, Plain Brass Plated, for 1½
inch Moulding Per Gross \$0.80
No. 0—Wrought Steel, Fancy, Brass Plated, for 1½ inch
Moulding 2.00
One-half Gross in a Box.

GLASS PUSH PINS

MOORE



No. 1



No. 2

Glass Head, Steel Point. Per Dozen Boxes
No. 1—Six in a Box \$1.80
No. 2—Six in a Box 1.80

They consist of fine, round, tapered steel points which are firmly embedded in handles of polished glass.

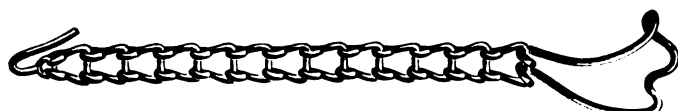
Moore Push Pins enable one to fasten up the innumerable little things on plaster walls and painted wood work without driving a tack or nail.

The handles are so shaped as to allow of a firm hold with the fingers, and the Pins can readily be inserted into wood or plaster with a slight awl-like motion of the hand.

They are strong and ornamental, and can be easily withdrawn, leaving a scarcely perceptible mark in the wood or plaster.

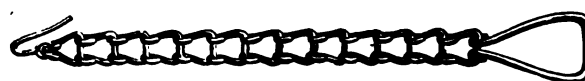
In hotels, boarding schools, and other places where the use of tacks and nails in the walls is prohibited, Moore Push Pins are allowed. 24 Boxes in a Carton.

PICTURE CHAINS



Per Dozen

No. 20—3 feet Long, No. 19 Brass Ladder Chain \$2.25
One Dozen in a Box.



Per Dozen

No. 17—3 feet Long, No. 18 Brass Ladder Chain \$2.75
One Dozen in a Box.

PUSHLESS HANGERS



No. 25.



No. 28.

Brass Hook, Steel Point.

	Per Dozen Packages
No. 25—Small Size, Will Sustain 20 Lbs., $\frac{1}{2}$ Dozen in a Package	\$1.20
No. 28—Large Size, Will Sustain 150 Lbs., $\frac{1}{4}$ Dozen in a Package	1.20
One-half Gross in a Carton.	



Brass Hook, Finely Finished, Brass Pin, Hard Drawn, Tempered, Non-Rusting.

	Per Dozen Cartons
No. 10—Will Sustain Any Weight up to 20 Lbs., on Wood or Plaster Walls.	\$1.75

Many articles can be hung without any wire, or where wire is required, only a small piece of wire is necessary.

Twelve Cartons in an Easel Display Box.

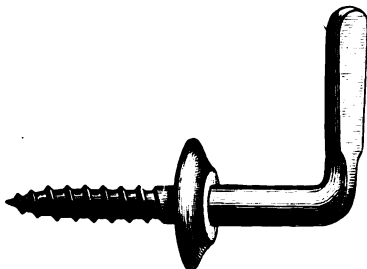
SCREW RINGS

 $\frac{3}{8}$ inch. $\frac{1}{2}$ inch. $\frac{5}{8}$ inch.

Brass.

Diameter, Inches...	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Number of Wire...	18	18	18	16	16	14
Per Gross	\$0.45	.75	1.00	1.32	1.60	2.50
One Gross in a Box.						

TASSEL HOOKS



	Per Gross
No. 814—Solid Brass, Polished, with Base.	\$4.00
Three Dozen in a Box.	

CURTAIN RINGS

 $\frac{3}{8}$ inch. $\frac{1}{2}$ inch. $\frac{5}{8}$ inch.

Brass.

Diameter, Inches...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Number of Wire...	20	19	18	18	16	16	16
Per Gross	\$0.14	.18	.20	.25	.30	.46	.60

One Great Gross in a Box.

STAIR ROD EYES



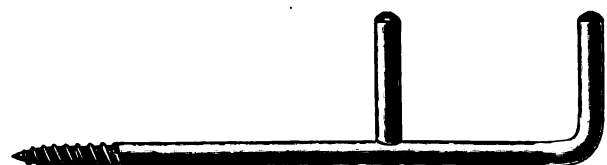
	Per Gross
No. 500—Nickel Plated Wire, for $\frac{1}{4}$ inch Stair Rods.	\$1.50
One Gross in a Box.	

CURTAIN OR EXTENSION ROD BRACKETS

Cuts Full Size.



	Per Gross
No. 5929—3 inch, Notched, Brass Plated.	\$0.80
One Dozen in a Box.	



	Per Gross
No. 6095—3 inch, Brass Plated.	\$3.00
One Dozen in a Box.	

STAIR RODS



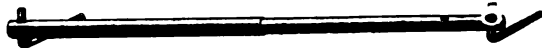
Nickel Plated, Complete with Eyes.

Nos.	28	30
Diameter of Rod, Inches.....	$\frac{1}{8}$	$\frac{1}{8}$
Length, Inches	28	30
Per Dozen	\$2.50	2.50

One Dozen in a Package.

CURTAIN RODS

EXTENSION



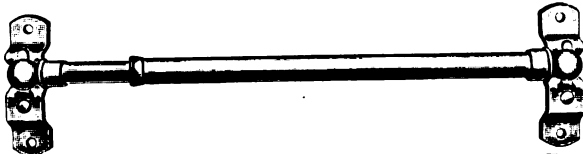
- No. 1063—Adjustable from 24 to 44 inches, $\frac{1}{4}$ inch Brass Outside Tube, Solid Inside Rod, Complete with Brackets\$1.00
Per Dozen
Three Dozen in a Box.



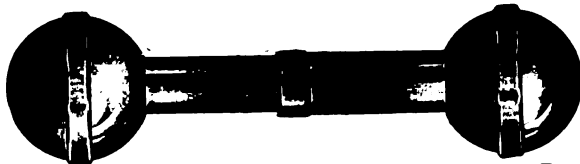
- No. 1769—Adjustable, 24 to 44 inches, Brass Plated Outside Tube, Brass Plated Solid Inside Tube.....\$1.25
Per Dozen
Three Dozen in a Box.



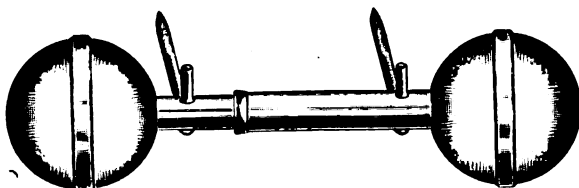
- No. 1655—Adjustable from 24 to 44 inches, $\frac{1}{4}$ inch Brass Tubes, Complete with Brackets.....\$2.00
Per Dozen
Three Dozen in a Box.



- No. F1911—Adjustable from 24 to 44 inches, $\frac{1}{4}$ inch Brass Outside Tube with Ferrule, Brass Solid Inside Tube, Complete with Brackets and Necessary Pins\$2.50
Per Dozen
One Dozen in a Box.



- No. F1869—Adjustable from 30 to 54 inches, $\frac{1}{8}$ inch Brass Tubes with Ferrule, $1\frac{1}{4}$ inch Diameter Polished Brass Ends, Complete with Brackets.....\$2.50
Per Dozen
One Dozen in a Box.



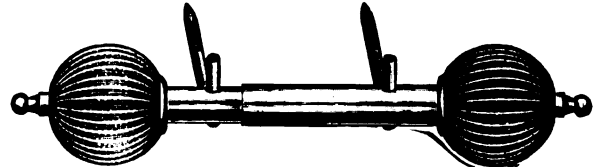
- No. F1943—Adjustable from 30 to 54 inches, $\frac{1}{8}$ inch Highly Polished Brass Tubes with Ferrule, $1\frac{1}{4}$ inch Diameter Polished Brass Ends, Complete with Brackets\$3.50
Per Dozen
One Dozen in a Box.

CURTAIN RODS

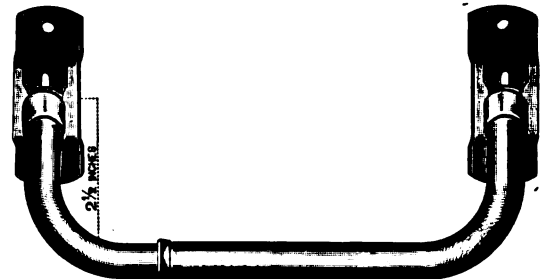
EXTENSION



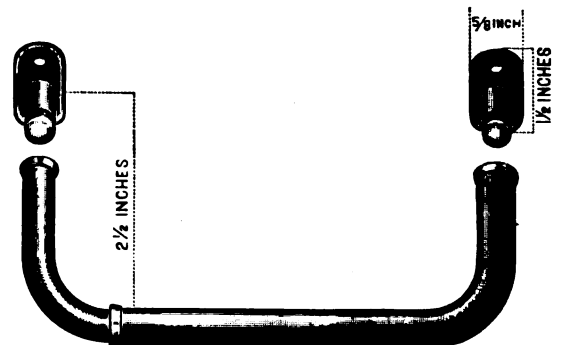
- No. 1983—Adjustable 30 to 54 inches, $\frac{1}{8}$ inch Brass Tubes, $1\frac{1}{4}$ inch. Brass Ends, Complete with Brackets\$.....
Per Dozen
One Dozen in a Box.



- No. 1954 $\frac{1}{2}$ —Adjustable 30 to 54 inches, $\frac{1}{8}$ inch Brass Tubes, $1\frac{1}{4}$ inch Tinned Ends, Complete with Brackets\$2.00
Per Dozen
One Dozen in a Box.



- No. F1895—One-Piece Curved, Adjustable 20 to 54 inches, $\frac{1}{8}$ inch Highly Polished Brass Tubes, "T. & S." Special Ferrule, Polished Brass Brackets. Complete with Screws.....\$5.00
Per Dozen
Each tube used is of one piece of metal, no joints at curves. Curtain slips over curves easily and may be passed on from either end, there being no flat plates at ends. "T. & S." Special Ferrule affords additional strength.
One Dozen in a Box.

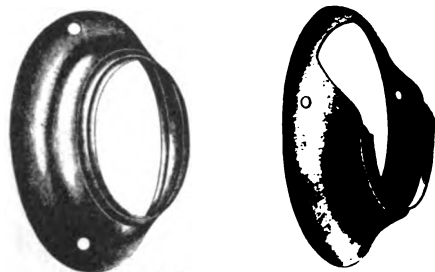


- No. F1945—One-Piece Curved, Adjustable 30 to 54 inches, $\frac{1}{8}$ inch Brass Tubes, "T. & S." Special Ferrule, Heavy Plated Bracket, Complete with Screws\$3.50
Per Dozen
One Dozen in a Box.



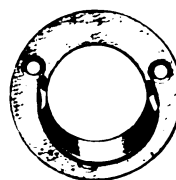
- No. 2007—Curvex, Adjustable 25 to 40 inches, 2 inch Projection, Colonial Dull Brass, Complete with Brackets and Screws.....\$5.00
Per Dozen
The Rod itself is flat and has a pronounced rib throughout its center. It is perfectly rigid and will neither sag nor twist—the Brackets engage the rod like a vise.
One in a Box.

CURTAIN POLE SOCKETS



No. 10/100—Polished Brass.

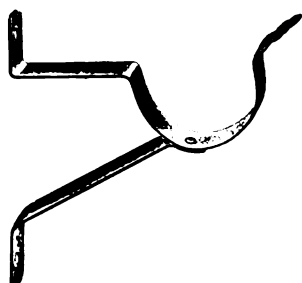
Inches 1
Per Dozen Pairs \$1.75
Three Dozen Pairs in a Box.



No. 5545—Polished Brass.

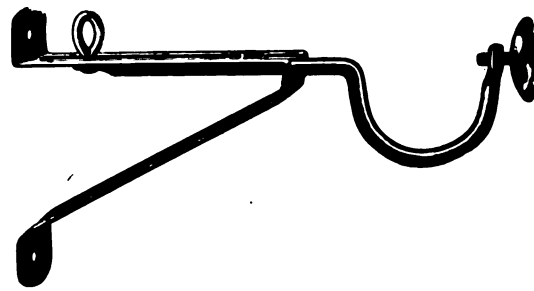
Inches 1
Per Dozen Pairs \$3.00
One Dozen Pairs in a Box. 1 1/2 3.50

CURTAIN POLE BRACKETS



No. 0619—Brass Plated.

Size, Inches 1 1/2
Per Dozen Pairs \$0.50



No. 131—Brass Plated, Adjustable, Extension.

Size, Inches 1
Per Dozen Pairs \$3.00 1 1/2 3.25

TRACING WHEELS

SINGLE



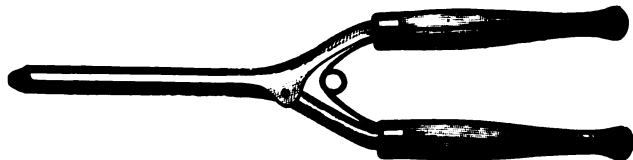
No. 1T—Polished Steel Wheel and Shank, Black Enam-
eled Wood Handle \$1.50
One Dozen in a Box.

DOUBLE



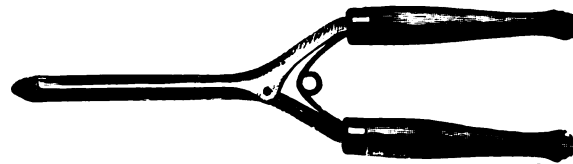
No. 2T—Double Steel Wheels, Nickel Plated and Pol-
ished, Wheels are Adjustable and Held by a Screw
Clamp, Black Enameled Wood Handle \$2.50
One Dozen in a Box.

CURLING IRONS

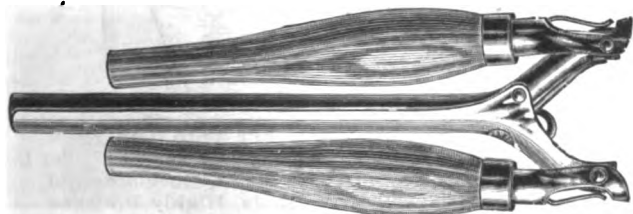


No. 1—Count, Polished Nickel Plated Steel Jaws, Diam-
eter of Rod 3/8 inch, Length Over All 6 inches,
Shellac Wood Handle, Antique Oak Finish \$1.30
One Dozen in a Box.

CURLING IRONS

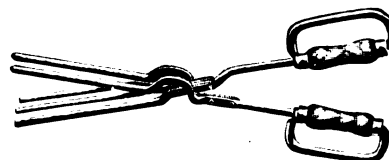


No. 2—Little Countess, Polished Nickel Plated Steel
Jaws, Diameter of Rod 1/4 inch, Length Over All
7 1/4 inches, Shellac Wood Handle, Antique Oak
Finish \$1.50
No. 3—Count, Diameter of Rod 3/8 inch, Length Over All
9 1/2 inches, Otherwise Same as No. 2 1.70
One Dozen in a Box.



No. 5—Tourist, Polished Nickel Plated Steel Jaws, Diam-
eter of Rod 1/4 inch, Length Over All Open 9 1/4
inches, Folded 5 1/2 inches, Shellac Wood Handles,
Antique Oak Finish \$2.00
One Dozen in a Box.

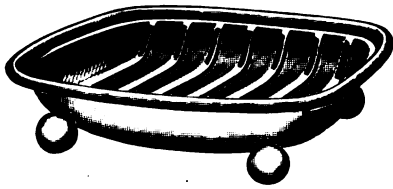
HAIR WAVERS



No. 50—Virginia, Nickel Plated and Polished Steel
Wires, 3/16 inch Diameter, Length Over All 9 1/2 inches,
Shellac Wood Handles, Antique Oak Finish \$3.80
One Dozen in a Box.

BATH ROOM FIXTURES

SOAP DISHES

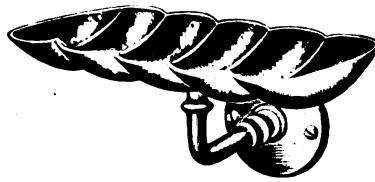


Slab, with Removable Grate.

Per Dozen

No. K61—3x6 inches, Solid Brass, Finely Finished and Nickel Plated\$15.60

One-half Dozen in a Box.



Corrugated, for Wall.

Per Dozen

No. K64—4 1/2 x 3 1/4 inches, Solid Brass Dish with Cast Brass Bracket, Highly Polished and Nickel Plated\$11.80

One-half Dozen in a Box.

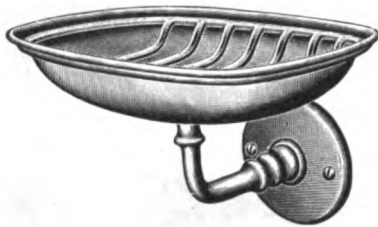


For Wall.

Per Dozen

No. K62—3 3/8 x 6 3/8 inches, One Piece Heavy Brass, Highly Polished and Nickel Plated...\$4.50

One-half Dozen in a Box.

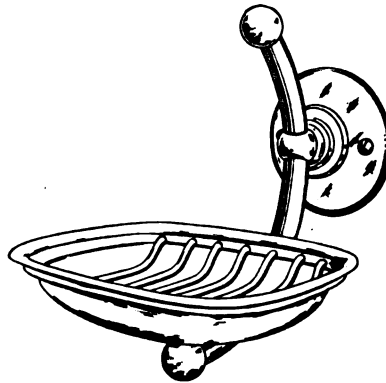


For Wall, with Removable Grate.

Per Dozen

No. K69—3x6 inches, Solid Brass, Cast Brass Bracket, Highly Polished and Nickel Plated\$19.70

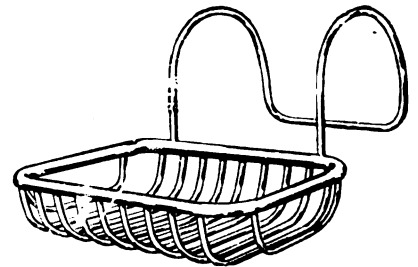
One-half Dozen in a Box.



For Wall, with Removable Grate.

Per Dozen

No. K68—4 1/2 x 3 3/4 inches, Heavy Brass and Tubing, Long Arm Bracket, Highly Polished and Nickel Plated....\$17.50



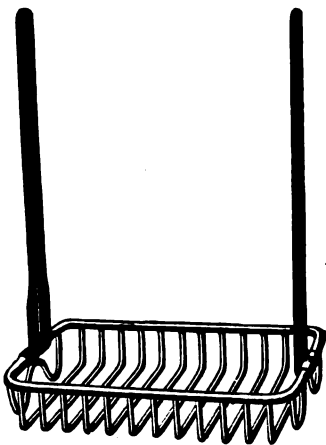
For Bath Tub.

Per Dozen

No. K54—5 1/4 x 4 inches, Solid Extra Heavy Brass Rods, Highly Polished and Nickel Plated\$16.00

One-half Dozen in a Box.

SPONGE HOLDERS



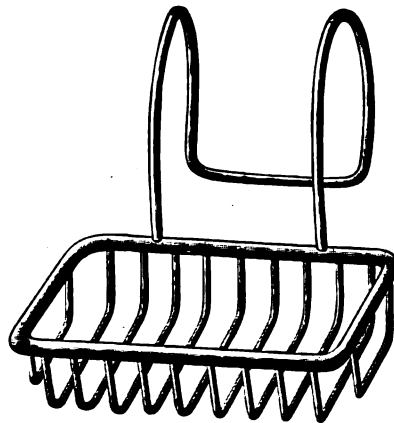
For Hanging Between Faucets.

Per Dozen

No. K107—4 1/4 x 6 inches, 1 inch Deep, Solid Brass, Highly Polished and Nickel Plated..\$18.00

It hangs between the faucets, the side arms bend easily and adjust themselves.

One-half Dozen in a Box.

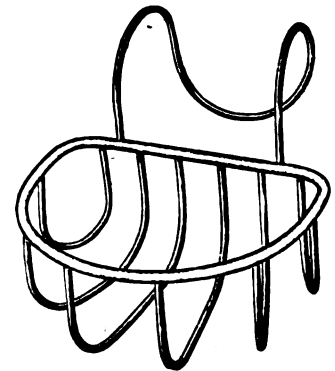


For Bath Tub.

Per Dozen

No. K97—3 3/4 x 3 1/2 inches, Solid Brass Rods, Highly Polished and Nickel Plated.....\$18.20

One-half Dozen in a Box.



For Bath Tub.

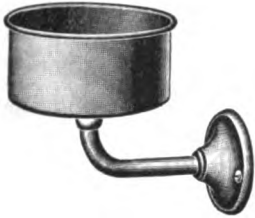
Per Dozen

No. K51—4 3/4 x 5 3/4 inches, Solid Brass Rods, Highly Polished and Nickel Plated.....\$26.00

One-sixth Dozen in a Box.

BATH ROOM FIXTURES

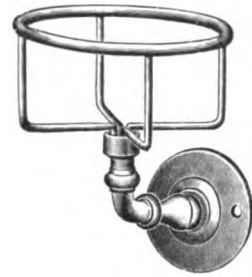
GLASS HOLDERS



Per Dozen
No. K26—3 inches High, Solid Brass, Highly Polished and Nickel Plated, Very Strong...\$7.50
One-half Dozen in a Box.

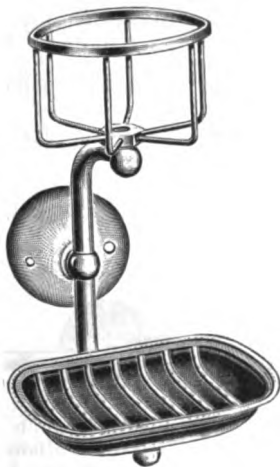


Per Dozen
No. K65—3 3/4 inches High, Solid Brass, Cast Brass Base, Nickel Plated, Perforated...\$11.80
One-half Dozen in a Box.

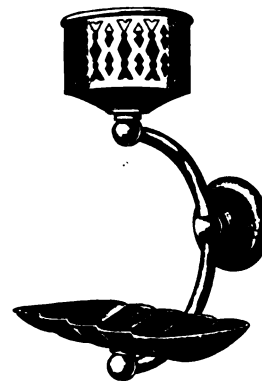


Per Dozen
No. K3624—4 1/2 inches High, Solid Brass, Highly Polished and Nickel Plated...\$17.00
One-half Dozen in a Box.

COMBINATION GLASS AND SOAP HOLDERS

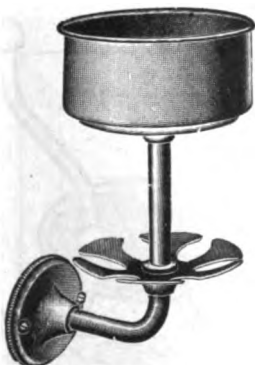


For Wall, with Removable Grate.
Per Dozen
No. 114—8 inches High, Solid Brass, Highly Polished and Nickel Plated...\$33.00
One-half Dozen in a Box.



For Wall.
Per Dozen
No. K56—8 inches High, Brass, Highly Polished and Nickel Plated, Perforated Glass Holder and Corrugated Soap Dish...\$18.50
One-half Dozen in a Box.

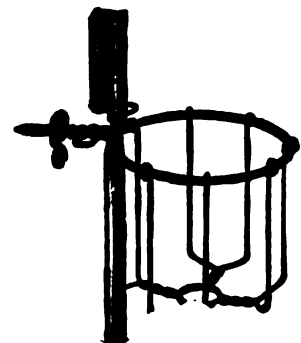
COMBINATION TOOTH BRUSH AND GLASS HOLDERS



Per Dozen
No. K38—5 inches High, Brass, Nickel Plated, Plain Glass Holder, Extended Tooth Brush Holder...\$11.30
One-half Dozen in a Box.



Per Dozen
No. K53—5 inches High, Brass, Cast Brass Base, Nickel Plated, Perforated Glass Holder, Extended Tooth Brush Holder...\$14.40
One-half Dozen in a Box.



Per Dozen
No. 1—3x2 inches, Tinned, Two Loops for Tooth Brushes...\$0.80

BATH ROOM FIXTURES

TOOTH BRUSH HOLDERS



No. 20593—6 $\frac{1}{4}$ inches Long, Solid Brass, Heavily Nickel Plated, Holds Four Brushes.....\$3.30
One Dozen in a Box, with Screws.

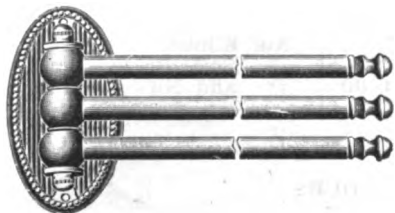
Per Dozen



No. 20594—8 $\frac{1}{2}$ inches Long, Solid Brass, Heavily Nickel Plated, Holds Six Brushes.....\$4.50
One Dozen in a Box, with Screws.

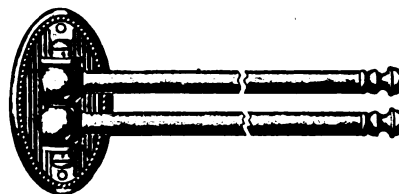
Per Dozen

TOWEL RACKS



No. K3—15 inch Arms, Brass, Highly Polished, and Nickel Plated, Three Arms Made of $\frac{3}{8}$ inch Heavy Tubing, Swings Both Ways.....\$21.60
One-half Dozen in a Package.

Per Dozen



No. K5—15 inch Arms, Brass, Highly Polished and Nickel Plated, Two Arms Made of $\frac{3}{8}$ inch Heavy Tubing, Swings Both Ways.....\$18.00
One-half Dozen in a Package.

Per Dozen

TOWEL BARS



No. K34— $\frac{1}{2}$ inch Tubing, Solid Brass, Highly Polished and Nickel Plated, Extra Large Base.
Length, In... 18 24 30 36
Per Dozen ..\$7.50 8.70 11.50 12.60

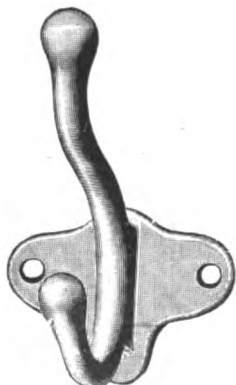


No. K2— $\frac{3}{8}$ inch Tubing, Solid Brass, Highly Polished and Nickel Plated.
Length, Inches 16 18
Per Dozen \$6.70 7.00



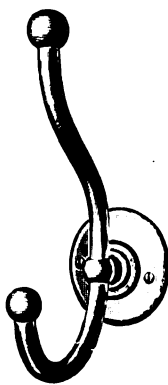
No. K30— $\frac{1}{2}$ inch Tubing, Solid Brass, Highly Polished and Nickel Plated, Extra Large Base, 1 inch Balls.
Length, Inches 18 24
Per Dozen \$13.20 14.60

ROBE HOOKS



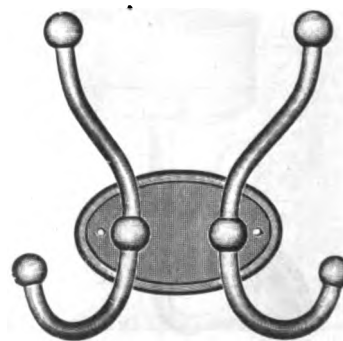
No. K10—3 inches High, Solid Cast Brass, Highly Finished and Nickel Plated.....\$4.40
One Dozen in a Box.

Per Dozen



No. K67—7 inches High, Heavy Brass Tubing, Solid Turned Plate Stud, Heavily Nickel Plated\$14.00
One Dozen in a Box.

Per Dozen

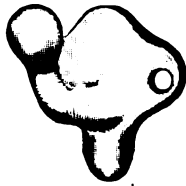


No. K49—7 inches High, 6 inches Wide, Extra Heavy Brass Tubing, Large Wall Plate, Highly Polished and Nickel Plated\$20.00
One-third Dozen in a Box.

Per Dozen

BATH ROOM FIXTURES

ROBE HOOKS



No. **K9**—1½ inch extension, Solid Cast Brass, Highly Polished and Nickel Plated.....**\$2.00**

Two Dozen in a Box.

RAZOR STROP HOOK



No. **191**—Brass, Highly Polished and Heavily Nickel Plated, Weight Each 2 Oz.....**\$4.50**

Per Doze..

BATH SPRAY HOLDER

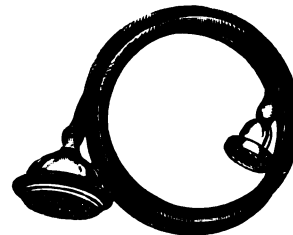


No. **2661**—Brass, Highly Polished and Heavily Nickel Plated, Weight Each 2 Oz.....**\$4.75**

Per Dozen

This Spray Holder can also be used as a whisk broom holder.

BATH SPRAYS



No. **2608**—3 inch Nickel Plated Brass Spray, 5 feet White Rubber Hose, Holdfast Metal Bulb, Rubber Bound, Weight Each 14 Oz.....**\$21.00**

Per Dozen

One in a Box.

BATH TUB SEATS



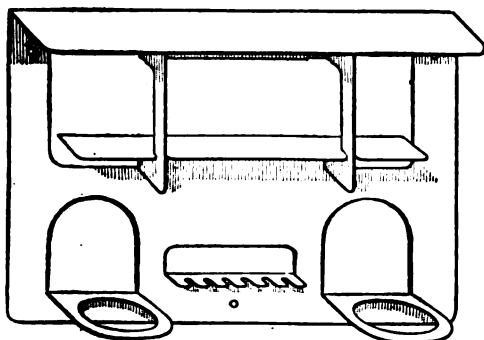
Adjustable to All Roll Edge Bath Tubs.

No. **1100**—Nickel Plated Rods, Covered with Rubber, Highly Polished Oak Seat.....**\$16.00**

Per Dozen

No. **1160**—Nickel Plated Rods, Covered with Rubber, White Enameled Oak Seat.....**18.50**

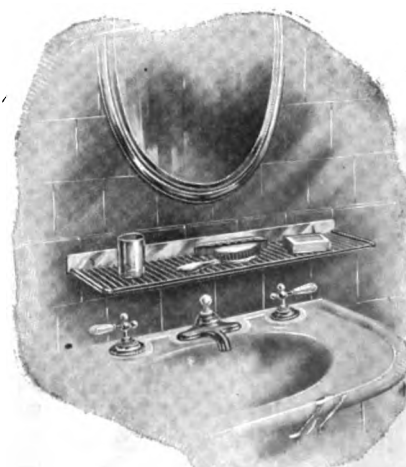
BATH ROOM BRACKETS



No. **100**—18 inches Long, 11 inches High, 5 inches Deep, One Piece of Steel, Pure White Enamel Finish, Thoroughly Baked.....**\$21.60**

Per Dozen

TOILET SHELVES

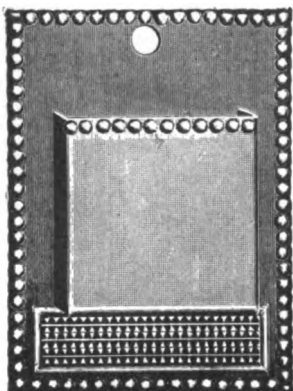


No. **50**—20 inches Long, 5 inches Wide, 1½ inches High at Back, Solid Brass, Heavily Nickel Plated and Polished.....**\$4.00**

Each

BATH ROOM FIXTURES

MATCH SAFES

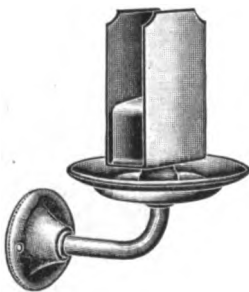


Single Wall.

No. K17—Heavy Solid Brass, Beaded Edge, Highly Polished and Nickel Plated, with Scratcher.....\$5.00

One-half Dozen in a Box.

MATCH HOLDERS



Wall Safety.

No. K21—Solid Brass, Highly Polished and Heavily Nickel Plated\$11.80

One-half Dozen in a Box.

SANITARY TOILET STAND



White Enameled Pitcher and Basin.

Each

No. 852—Complete with Mirror and Standard, in White Enamel or Triple Oxidized Copper Plate, Weight Each 28 Lbs.\$8.00

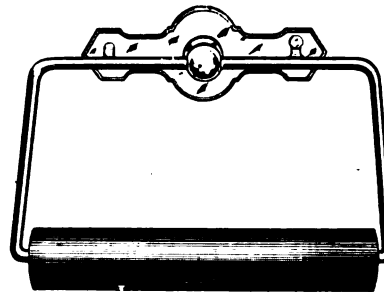
All metal, strong and durable, 10x12 inch oval mirror with beveled edge, adjustable to any angle desired, with towel bar with soap dish and tray for holding pitcher, diameter at top of stand 12 inches.

Each

No. 850—Same as Above, but without Mirror and Standard, Weight Each 18 Lbs.....\$6.50

One in a Carton.

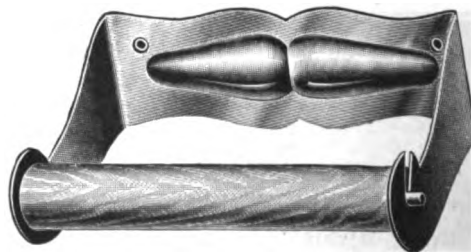
TOILET PAPER HOLDERS



No. K68—Extra Heavy Brass Rod, Highly Polished and Nickel Plated, Black Enameled Wood Roller.....\$8.40

Per Dozen

One-half Dozen in a Box.



No. 475—One Piece Steel Back and Arms, Nickel Plated and Buffed, Length Over All 5½ inches, Length of Arms 4 inches, Shellacked Wood Roller, Antique Oak Finish.....\$1.80

Per Dozen

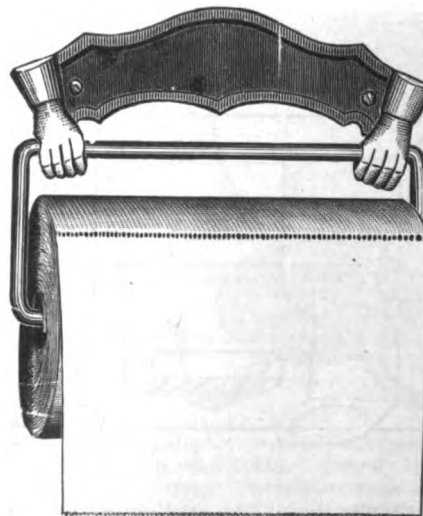
One Dozen in a Box.



No. K40—Solid Brass, Highly Polished and Nickel Plated, Black Enameled Wood Roller.....\$16.80

Per Dozen

One-half Dozen in a Box.

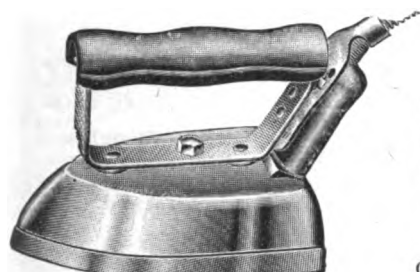


No. 1—Family, Bronzed, for Perforated Paper.....\$0.80

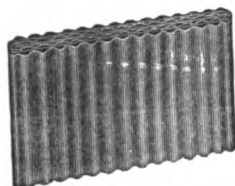
Per Dozen

ELECTRIC SAD IRONS

DOVER



Cut Shows Iron Complete.

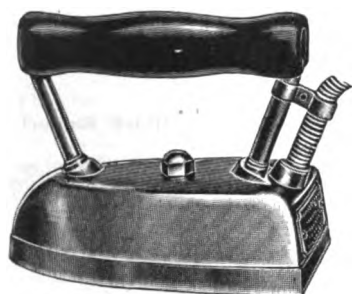


Cut Shows Waxer and Cleaner.

Complete with 6 foot Feed Cord with Two Plugs, Stand, Waxer and Cleaner.

- No. 6D-100— $3\frac{1}{2} \times 6\frac{1}{4}$ inch Ironing Face, Full Nickel Plated and Polished, Blued Base, Ebonized Handle, Detachable Plug at Iron, Pull-Apart Attachment Plug at Socket, Rigid Heavy Contact Posts, Complete with Three-Section Electro-Welded Steel Safety Stand, Waxer and Cleaner, Weight Each 6 Lbs., for 110 Volts.....\$5.60

The cord is protected at the iron by spiral steel spring. The heating element of the Dover is constructed by a secret process of imbedding the resistance wire in a special cement. Weight Per Dozen 108 Pounds. One-quarter Dozen in a Box.



DOVER CONSUMERS'

Complete with 6 foot Feed Cord and Stand.

- No. 2— $3\frac{1}{2} \times 6\frac{1}{4}$ inch Ironing Face, Full Nickel Plated and Polished, Blued Steel Base, Rubberoid Finish Black Enamelled Wood Handle, Best Designed Attachment Plug, Two-Section Electro-Welded Steel Safety Stand, Wt. Each 6 Lbs., for 110 Volts....\$4.00

The heating element consists of special resistance wire embedded in a composition which is a perfect insulator and readily conducts heat, prevents overheating of resistance wire, protects wire from oxidation, saves current.

The top section consists of heavy sheet steel hood formed to prevent radiation of heat from interior of iron, to which are attached the round steel handle supports. A heat reservoir of solid iron is bolted to the heating element and extends into the space formed by the hood.

Weight Per Dozen 100 Pounds. One-quarter Dozen in a Box.

PRINCESS DE LUXE



Cut Shows Iron Complete.



Stamped Steel Stand Furnished with Each Princess Iron.

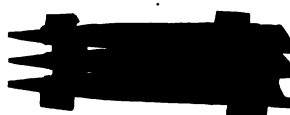
Complete with Stand, Plug and Detachable Cord.

- Princess—Heavy Sheet Steel Top or Shell, Smooth Sole Plate, Highly Polished De Luxe Finish, Large Dull Ebonized Handle Shaped to Fit the Hand, Nickel Plated Stamped Steel Handle Strap, Heavy Asbestos Lining, Casting Pressure Plate with Double Deck Safety Type Steel Stand, Weight Each $6\frac{1}{2}$ Lbs., for 110 Volts.....\$5.00

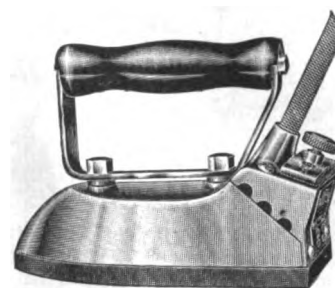
The Princess is compact, simple in construction and beautiful in appearance. The heating element is made of Ni-Chrome Ribbon Wire wound on mica and sealed between sheets of the same material, absolute insulation, wiring is arranged to develop more heat at the point where the wet garments are first engaged.

Weight Per Dozen 110 Pounds. One in a Carton; Six in a Case.

A-BEST-O AUTOMATIC



Cut Shows Electro-Welded Stand.



Complete with 6 foot Feed Cord, Stand, Waxer and Cleaner. Each

- No. 6 $\frac{1}{4}$ -100—Household, 4×7 inch Ironing Face, Full Nickel Plated and Polished, Blued Base, Ebonized Handles, Pull-Apart Attachment Plug at Socket, Complete with Three-Section Electro-Welded Steel Safety Stand, Waxer and Cleaner, Weight Each 7 Lbs., for 110 Volts.....\$9.00

The cord is protected at the iron by spiral steel spring. The iron with self-control, a Thermostat does the work. It is regulated by the means of a key at the back of the iron and can be set so that the iron will maintain any temperature between 200 and 600 degrees F. The A-Best-O uses enough current to render the required heat, but not a spark more.

Weight Per Dozen 116 Pounds. One-quarter Dozen in a Box.

UNIVERSAL ELECTRIC THERMO-CELL



A special feature of this iron is the method of heat distribution through a ribbed iron plate, which conducts the heat to the point and edges, the place where it is most needed. The Thermo-Cell stores the heat and prevents radiation except through the ironing surface.

Complete with 8 foot Cord, Spring Reversible Stand.

- No. E901N—Heavily Nickel Plated, Ebonized Wood Handle, Complete with 8 foot Mercerized Silk Finish Flexible Cord, Indestructible Plug and Hubbel Separable Attachment Plug, Spring Reversible Stand, Weight Each 6 Lbs., 580 Watts.....\$5.00

Weight Each Boxed $8\frac{1}{4}$ Pounds.

One in a Box.

SAD IRONS

E-Z GAS



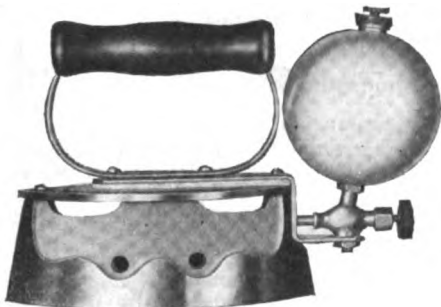
Complete with 6 feet High Grade Braided Covered Hose and Asbestos Stand.

Each

E-Z—High Grade Iron, Carefully Ground, Flat Smooth Bottom, Highly Polished and Nickel Plated, Spring Cushion Handle which Eliminates Constant Jars, Weight Each 6 Lbs. \$4.50
The E-Z Gas Iron has all the latest improvements, can be attached to any gas fixture, has regulating valve to produce any desired heat. The burner forms a perfect combustion of air and gas, will not flash back, is safe and odorless. Hose connection is above the valve which prevents heat from affecting the rubber ends of hose.

Weight Each Boxed 7 Pounds.
One in a Box.

COMFORT GASOLINE



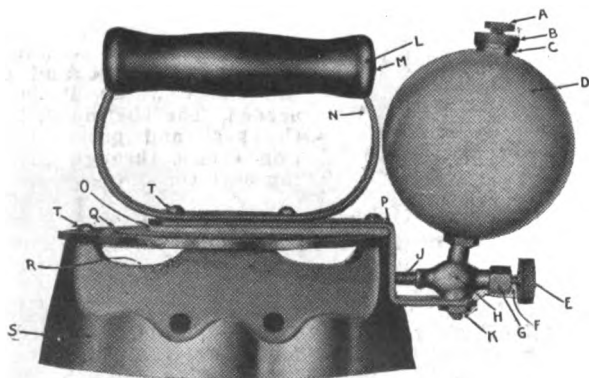
Best Grade Iron, Nickel Plated and Polished, Heavy Seamless Brass Reservoir, Nickel Plated, Capacity $\frac{3}{4}$ Pint.

Each

Comfort—Double Pointed, Ebonized Cool Handle, Operates Five Hours on One Filling, 18 $\frac{1}{2}$ Square inches Ironing Surface, Complete with Small Pump, Weight Each 6 $\frac{1}{2}$ Lbs. \$4.80
The Comfort is two-point style, can be operated forward and backward, is quick lighting, self-cleaning generator, positive shut-off against pressure, perfect regulation, all parts are interchangeable, takes less alcohol to light this iron than any other gasoline iron.

Weight Each Boxed 8 Pounds.
One in a Box.

EXTRA PARTS FOR COMFORT GASOLINE SAD IRONS



No.	Each	No.	Each
A—Air Valve	\$0.15	L—Wood Handle	\$0.15
B—Filler Plug .....	.40	M—Handle Bolt .....	.06
C—Rubber Washer ...	.02	N—Nickel Steel Handle	
D—Reservoir	1.25	Brace .....	.06
E—Fibre Valve Handle.	.10	O—Asbestos Insulator.	.05
F—Valve Stem .....	.15	P—Reservoir Support.	.15
G—Packing Nut .....	.10	Q—Cover Plate .....	.40
H—Valve Body .....	.25	R—Burner .....	.50
J—Generator .....	.30	S—Base	1.30
K—Locknut & Washer.	.04	T—Screws .....	.02

ASBESTOS LINED LAUNDRY



Note—Weights Given on Cores Are with Hood Attached.

Nickel Plated Cores and Asbestos Lined Hood, Black Enameled Handle.

Per Dozen Sets

No. 70—Set Consists of Three 6 Lb. Oval Cores with 3 $\frac{1}{4}$ x 6 $\frac{1}{2}$ inch Face, Asbestos Lined Hood with Handle and 6x6 inch Asbestos Covered Stand. \$32.40
Weight Per Set 16 Pounds; Weight Per Case 49 Pounds.
One Set in a Cardboard Box; Six Boxes in a Case.



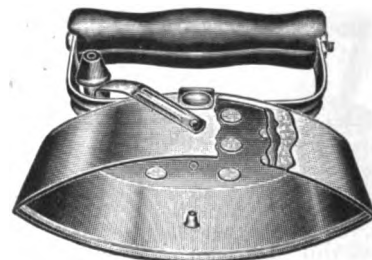
Note—Weights Given on Cores Are with Hood Attached.

Nickel Plated Cores and Asbestos Lined Hood, Black Enameled Handle.

Per Dozen Sets

No. 100—Set Consists of Two 6 Lb. Oval Cores and One 7 Lb. Square Heel Polishing Core with 3 $\frac{1}{4}$ x 6 $\frac{1}{2}$ inch Face, Asbestos Lined Hood with Handle and 6x6 inch Asbestos Covered Stand. \$34.80
Weight Per Set 18 Pounds; Weight Per Case 55 Pounds.
One Set in a Cardboard Box; Six Boxes in a Case.

EXTRA PARTS FOR ASBESTOS LINED LAUNDRY SAD IRONS



No. 71—Hood, Nickel Plated, Asbestos Lined, with Handle and Lock, to Fit Above Cores. \$12.00
No. 72—Cores, Nickel Plated, Oval, 3 $\frac{1}{4}$ x 6 $\frac{1}{2}$ inch Face, Used with No. 71 Hood. 7.20
No. 73—Stands, 6x6 inch, Asbestos Covered, for Above Iron 1.50

TOURIST



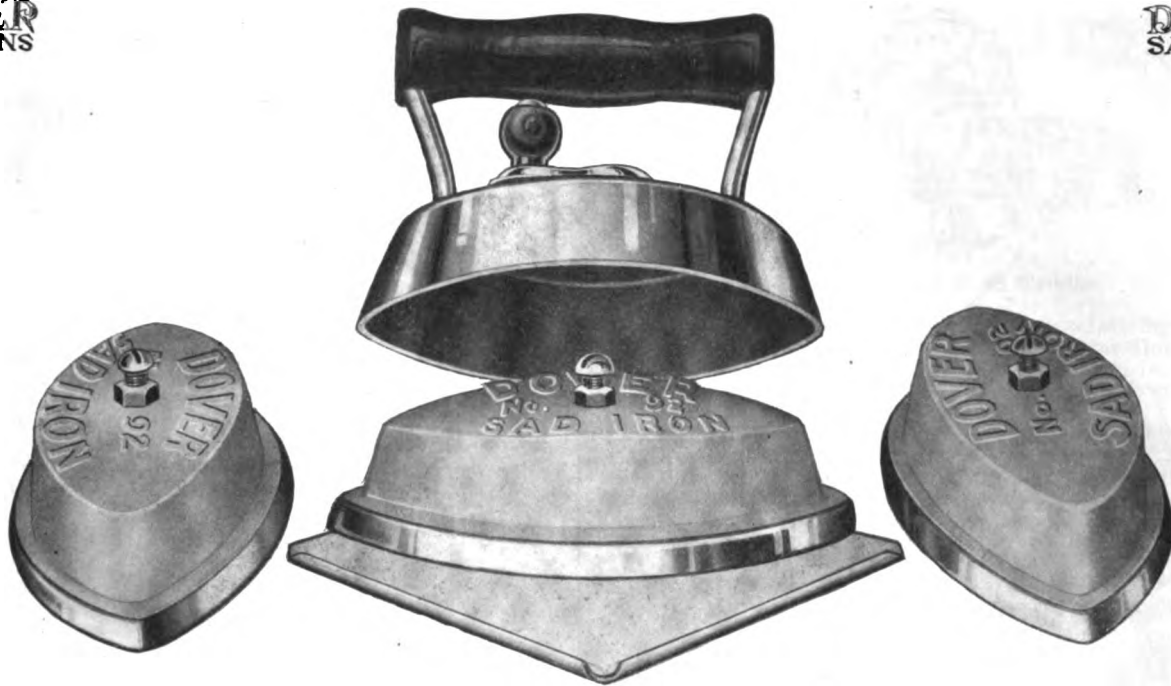
Nickel Plated, Asbestos Lined.

Per Dozen

No. 10—One Oval Core, with 1 $\frac{3}{4}$ x 4 $\frac{1}{2}$ inch Face, Asbestos Lined Hood with Handle, Complete with Oval Steel Stand, Weight Each 1 $\frac{1}{2}$ Lbs. \$4.00
Weight Per Dozen 18 Pounds.
One Dozen in a Case.

SAD IRONS

DOVER LAUNDRY

DOVER
SAD IRONSDOVER
SAD IRONS

Full Nickel Plated Hood, Asbestos Covered Stand.

No. 60—Set Consists of Three Oval Cores Weighing (with Hood Attached) 5 Lbs. Each, with $3\frac{3}{4} \times 6\frac{1}{2}$ inch Face, Bottom of Cores are Polished Bright or Steel Blue, Tops Aluminized, Nickel Plated Pressed Steel Hood, with Enameled Wood Grip and Improved Wedge Lock, and 6x6 inch Asbestos Covered Stand **\$21.00**

Per Dozen Sets

Weight Per Set $14\frac{1}{2}$ Pounds. Weight Per Case 46 Pounds.

One Set in a Cardboard Box; Three Boxes in a Case.

— Stretcher, Set Consists of Three Double Pointed Irons, One Handle and Stand **\$2.80**
The Alaska Handle furnished with this iron is one of the principal features, because it has a malleable stretcher bar which is non-breakable and it has an insulating space between the wood handle bar which keeps the wood part cool and prevents the screws from burning out.

Weight Per Dozen Sets 220 Pounds.

Six Sets in a Case.

WILLIAMS



Nickel Plated, Cold Handle.

No. 50—Cold Handle, Aluminum Bronzed Cap and Stretcher, Set Consists of Three Double Pointed Irons, One Handle and One Stand, Weight Per Set 15 Lbs. **\$1.50**

Weight Per Dozen Sets 198 Pounds.

One-half Dozen Sets in a Box.

— No. 82, One No. 82 3-Lb. Iron for Polishing, One No. 90 1 1/2-Lb. Girls' Sad Iron, and One Stand **\$2.80**

Weight Per Dozen Sets 198 Pounds.

Six Sets in a Box.

ENTERPRISE FAMILY OUTFITS



Nickel Plated, Cold Handle, Double Pointed.

Per Set

No. 330—Outfit, Consists of One No. 82 3-Lb. Polishing Iron, One No. 90 1 1/2-Lb. Girls' Sad Iron and One Set No. E50T Double Pointed Sad Irons as Described Above, in a Handsome Case **\$8.50**

The No. 82 Polishing Iron has rounded edges and is adapted to laundry and general purposes. The No. 90 is intended for ironing and polishing small articles, silk hats, etc.

Weight Per Set 22 Pounds.

SAD IRONS

UNIVERSAL THERMO-CELL LAUNDRY



Heavily Nickel Plated.

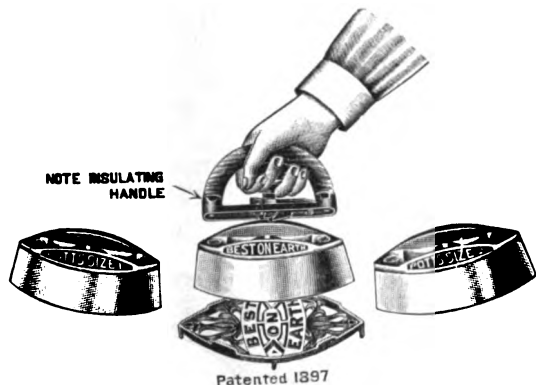
Per Set

No. 123—Set, Consists of One Each 4½, 5 and 6 Lb. Double Pointed Irons, One Gravity Lock Handle and One Stand\$4.00

The Thermo-Cell is a dead air chamber surrounding top surface of iron, is insulated to prevent the radiation of its heat. The locking device of the handle contains no springs.

Weight Per Dozen Sets 210 Pounds.
One Set in a Box; Six Sets in a Case.

B. O. E.



Nickel Plated, Alaska Malleable Handle.

Per Set

B. O. E.—Extra Heavy, Nickel Plated Base, Top and Handle Bar, Alaska Wood Grip, Malleable Iron Stretcher, Set Consists of Three Double Pointed Irons, One Handle and Stand.....\$2.80

The Alaska Handle furnished with this iron is one of the principal features, because it has a malleable stretcher bar which is non-breakable and it has an insulating space between the wood handle bar which keeps the wood part cool and prevents the screws from burning out.

Weight Per Dozen Sets 220 Pounds.
Six Sets in a Case.

WILLIAMS



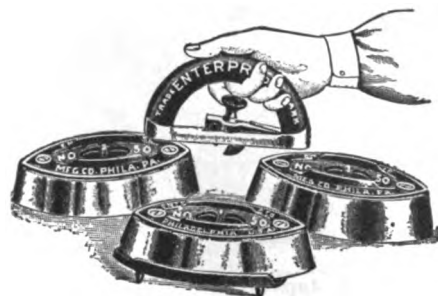
Nickel Plated, Cold Handle.

Per Set

No. 50—Cold Handle, Aluminum Bronzed Cap and Stretcher, Set Consists of Three Double Pointed Irons, One Handle and One Stand, Weight Per Set 15 Lbs.\$1.50

Weight Per Dozen Sets 198 Pounds.
One-half Dozen Sets in a Box.

ENTERPRISE



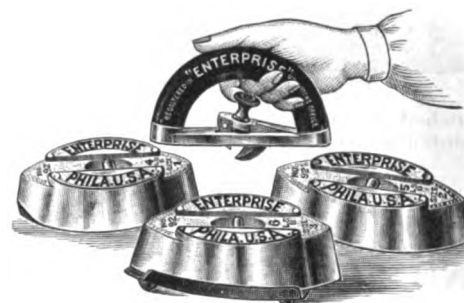
Nickel Plated, Cold Handle.

Per Set

No. E50T—"Best" Handle, Forged Iron Stretcher, Set Consists of One No. 1 4-Lb. Iron with One Rounded End for Polishing, One No. 2 5½-Lb. Iron for General Use, One No. 3 5¾-Lb. Iron for Heavy Use, One Handle and One Stand.....\$2.00

These Irons are ground by patented machinery which makes every one true with face slightly convex. The detachable Handles are wood, excepting the lower part, which is iron. Do not become hot, need no holder or cloth, and fit the hand, without straining the arm or wrist.

Weight Per Dozen Sets 192 Pounds.
Six Sets in a Box.



Nickel Plated, Cold Handle.

Per Set

No. E92—Nickel Plated, Solid Top, Steel Cross Bar, Polished Cold Wood Handle, Forged Iron Stretcher, Set Consists of One No. 1 4-Lb. Iron with One Round End for Polishing, One No. 2 5-Lb. Iron for General Use, One No. 3 6-Lb. Iron for Heavy Work, One Handle and One Stand\$2.80

Weight Per Dozen Sets 198 Pounds.
Six Sets in a Box.

ENTERPRISE FAMILY OUTFITS



Nickel Plated, Cold Handle, Double Pointed.

Per Set

No. 330—Outfit, Consists of One No. 82 3-Lb. Polishing Iron, One No. 90 1½-Lb. Girls' Sad Iron and One Set No. E50T Double Pointed Sad Irons as Described Above, in a Handsome Case.....\$8.50

The No. 82 Polishing Iron has rounded edges and is adapted to laundry and general purposes. The No. 90 is intended for ironing and polishing small articles, silk hats, etc.

Weight Per Set 22 Pounds.

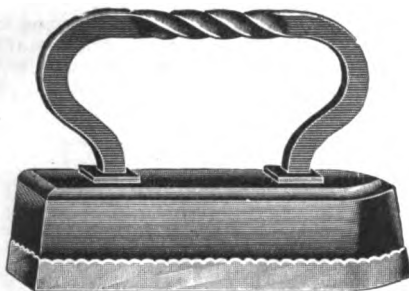
SAD IRONS

GENEVA



Silver Polished Base, Japanned Top, Pointed.

Weight, Lbs. 5 6 7 8 9
 Per Pound... \$0.10 .10 .10 .10 .10
 One Hundred, or Two Hundred Pounds in a Case.

TAILOR'S GOOSE

Geneva Polished Face, Japanned Top, Pointed Twist Handle.

Per Pound
 Weights 12, 14, 16, 18, 20, 22, 24,
 26 and 28 Lbs.....\$0.12
 Open Stock.

HAND FLUTERS

GENEVA



GENEVA HAND FLUTER.

Per Dozen
 Geneva—White Metal Bottom and Rocker Fluters, Japanned Iron Handle and Base\$30.00
 Weight Per Dozen 50 Pounds.
 One-half Dozen in a Box.

SAD IRON HEATERS

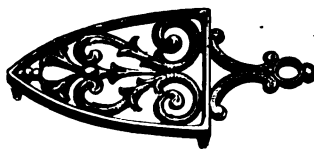
ADAMS



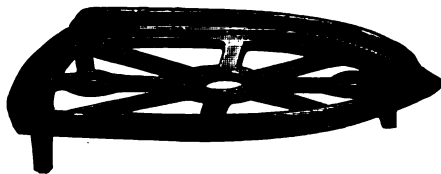
THE ADAMS CO. DUBUQUE, IOWA.

Cast Iron.

Each
 No. 10—10 1/4 inch Diameter, for Gas, Gasoline and Oil Stoves.\$0.40
 Keeps Iron Clean and Smooth.
 Weight Per Dozen 35 Pounds.
 One-half Dozen in a Case.

SAD IRON STANDS

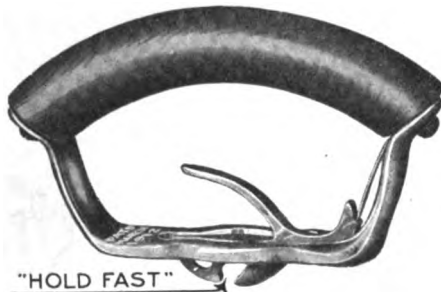
Per Dozen
 No. 22—Cast Iron, Coppered....\$0.70
 One Dozen in a Box.



Per Dozen
 No. 6—Mrs. Potts', Cast Iron....\$1.20
 One Dozen in a Box.

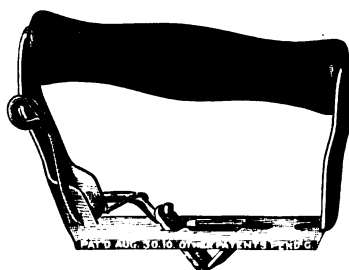
SAD IRON HANDLES

OBER'S PATENT

"HOLD FAST"
PATENTED 1912

Per Dozen
 No. 22 — Hardwood Handle, Stamped Steel Stretcher, Japanned\$1.50

From its peculiar shape it will not cramp the hand. No wooden knob on the catch to break off. Screw fastening handle will not get hot and become loose. Corrects all the weak points of the old style Handle and looks much better on the Iron. Fits all Potts' Irons.
 Weight Per Dozen 8 Pounds.
 One Dozen in a Package.

UNIVERSAL

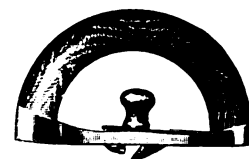
Per Dozen
 Universal—Enameled Hardwood Handle, Steel Base, Coiled Wire Spring, Patented Locking Device\$1.80

By lowering the rear end of handle slightly we have obtained an angle which makes ironing a pleasure, as it relieves the strain on the wrist of the operator.

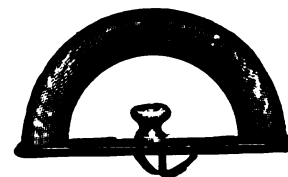
Weight Per Dozen 7 Pounds.
 One-half Dozen in a Package; Six Dozen in a Case.

SAD IRON HANDLES

MRS. POTTS'

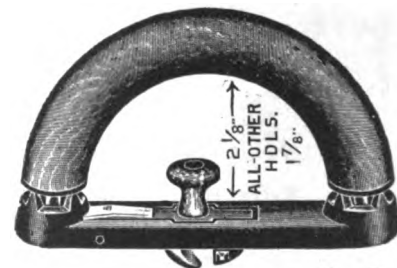


Per Dozen
 No. 501—Hazelwood Handle, Japanned Iron Stretcher.....\$1.50
 No. 502 — Hazelwood Handle, Tinned Iron Stretcher..... 1.80
 Weight Per Dozen 4 Pounds.
 One-half Dozen in a Package; Six Dozen in a Case.

HOLD-FAST

Per Dozen
 Hold-Fast—Hardwood Handle and Knob, Heavy Sheet Steel Stretcher, Tinned\$1.50
 This Handle is patterned after the regular Potts' Handle. It is the best known handle and fits any standard make iron.

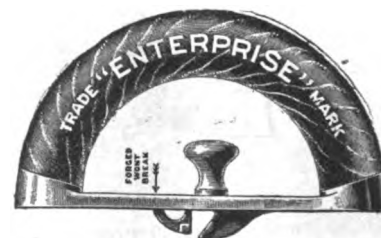
Weight Per Dozen 5 Pounds.
 One-half Dozen in a Package.

ALASKA

Per Dozen
 Alaska—Hardwood Handle, Malleable Iron Stretcher, Old Copper Finish\$3.80

This Handle has an insulating space between the wood handle bar and the stretcher, which keeps the wood part cool and prevents the screws from burning out.

Weight Per Dozen 6 1/2 Pounds.
 One-half Dozen in a Package; Six Dozen in a Case.

THE BEST

Per Dozen
 No. B10 — Selected Hardwood Handle and Knob, Forged Iron Stretcher, Tinned.....\$3.70
 Weight Per Dozen 4 Pounds.
 One-half Dozen in a Package; Six Dozen in a Case.

WOODEN WARE

STANDARD



Oak Grained.				
Nos.	8	2	1	X
Diameter of Top, Inches..	19	20 ¾	23 ¾	24 ½
Depth, Inches	9 ¾	9 ½	10 ¾	12
Weight Per Dozen, Lbs..	100	125	150	195
Per Dozen, Net.....	\$12.00	14.00	17.00	20.00
One Dozen in a Bundle.				

WESTERN



White Cedar, Painted and Oak Grained, Electric Welded Hoops.			
Nos.	W2	W1	W0 Ex. Large
Diameter Top, Inches..	20 ¾	23	24
Depth, Inches	9 ¾	11	12 ¾
Wt. Per Dozen, Lbs...	140	160	180
Per Dozen	\$19.20	23.60	28.80
One-half Dozen in a Bundle.			

TUB HOOPS

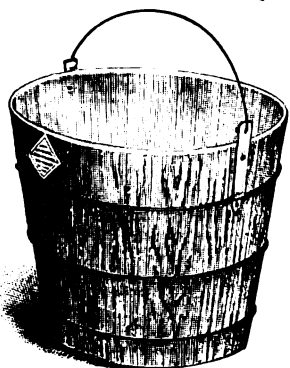
ELASTIC



No. 20—¾ inch Hoop Steel, Rolled Flaring to Fit
Tubs, Expansive and Contractible, Ready for Use,
Require no Rivets, Fit Any Size Tub, Easily
Applied\$1.40

Weight Per Dozen 12 Pounds.
Two Dozen in a Bundle.

ARMY PAILS



PINE

No. 20—Seasoned Selected		Per Dozen
Pine, Heavy Galvan-		
ized Electric Welded		
Wire Hoops, Galvanized		
Wrought Ears	\$7.00	
Weight Per Dozen 75 Pounds.		
One half Dozen in a Bundle.		

WASH TUBS

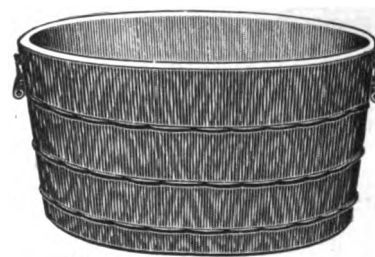
DOWEL



Grained.

Grained.				
Nos.	03	02	01	0X
Diameter of Top, Inches..	20	22 ¼	24 ½	26 ½
Depth, Inches	10	11	12	13 ½
Weight Per Dozen, Lbs..	100	125	150	195
Per Dozen, Net.....	\$12.50	14.00	17.00	20.00
One-half Dozen in a Bundle.				

CABLE



Electric Welded Hoops.

Electric Welded Hoops.				
Nos.	003	002	001	00X
Diameter Top, Inches...	19 ¾	21 ½	24 ½	26 ½
Depth, Inches	10	11 ½	12 ¾	13 ½
Weight Per Dozen, Lbs..	100	125	150	195
Per Dozen, Net.....	\$13.00	15.00	19.00	21.00
One-half Dozen in a Bundle.				

PAILS



Pine Grained.

No. 12—Two Hoops, Weight Per Dozen 38 Lbs.....		Net Per Dozen
No. 13—Three Hoops, Weight Per Dozen 40 Lbs.....		4.50
One Dozen in a Bundle.		

HORSE PAILS



OAK

No. J. I. C.—14 Quart,		Per Dozen
Flush Bottom, 3		
Heavy Steel Hoops,		
¾ inch Iron Ball,		
Wrought Ears and		
Side Straps, Fast-		
tened with Rivet		
Bands	\$10.50	
Weight Per Dozen 90 Pounds.		
One-half Dozen in a Bundle.		

INDURATED FIBRE WARE

FIBROTTA

Indurated Wood Fibre Ware is moulded under Hydraulic Pressure, without joints or seams. It will not warp, shrink, swell, absorb, taint, rust, water-soak or leak. It is impervious to liquids, hot or cold; Kerosene, Benzine, Naphtha and all ordinary acids. Colors vary from dark to light mahogany. No paint or varnish is used.

WATER PAILS



Star, Plain.

No. 12—Capacity 10 to 12 Quarts, Diameter at Top 11 inches, Depth 8 inches.**\$6.75**
 Weight Per Dozen 48 Pounds.
 One-half Dozen in a Crate.

Per Dozen

WASH TUBS



Galvanized Steel Ears, Black Enameled Wood Grips.

Nos.	1T	0T
Diameter Top, Inches.	20 1/2	23 1/2
Depth, Inches	12	13
Weight Per Dozen, Lbs.	212	260
Per Dozen	\$42.00	48.00

One-quarter Dozen in a Crate.

MEASURES



Warranted Correct.

Sealed, Stamped Heavy Metal Handle, Securely Wired to Handle.

Nos.	0	1	2	4
Cap., Qts.	1/2	1	2	4
Wt. Dz., Lbs.	8	14	22	34
Per Dozen	\$10.20	13.95	16.20	19.50

One-half Dozen in a Crate.

FUNNELS

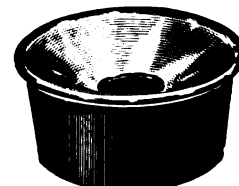


Will Not Crack or Warp.

Nos.	2F	1F
Size	Small	Large
Wt. Dozen, Lbs.	8	18
Per Dozen	\$8.40	10.20

One-half Dozen in a Crate.

SPITTOONS

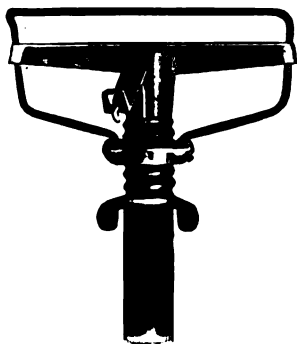


Removable Brown Enameled Steel Top.

No.	2S
Outside Diameter, Inches.	11
Outside Height, Inches.	5 1/2
Weight Per Dozen, Lbs.	38
Per Dozen	\$13.80

One-half Dozen in a Crate.

IDEAL COMBINATION

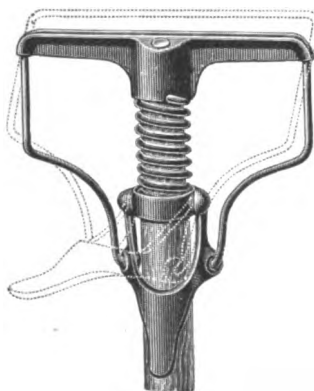


No. 13—Combination Mop and Brush Holder, Copper Steel Wire and Iron Head, Polished Hardwood Handle**\$2.20**
 Weight Per Dozen 20 Pounds.
 One Dozen in a Bundle.

Per Dozen

MOP STICKS

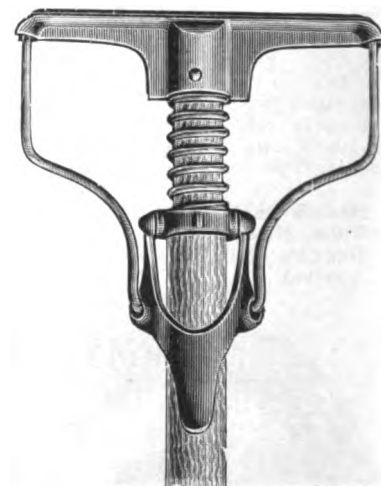
IDEAL



No. 7—Steel Spring Lever, Coppered Steel Wire and Steel Head, Coil Spring, Polished Selected Hardwood Handle.**\$1.90**
 Weight Per Dozen 17 Pounds.
 One Dozen in a Bundle.

Per Dozen

IDEAL JANITOR



No. 10—Extra Heavy, Steel Spring Lever, Coppered Steel Wire, Coppered Steel Head, 7 1/4 inches Wide, Coil Spring, Extra Long 1 1/4 inch Diameter Selected Hardwood Handle**\$4.00**
 Weight Per Dozen 27 Pounds.
 One Dozen in a Bundle.

Per Dozen

O-CEDAR MOPS

POLISHING



The O-Cedar Mop cleans and polishes at the same time, putting a high lustre on all varnished surfaces, floors, linoleum, etc. Does not kick up the dust, but picks it up and holds it until the mop is shaken and the dust drops out.

Yellow Cotton Thread Stock, Long and Heavy, Detachable Enamelled Steel Center, Well Padded, Will Not Scratch or Mar the Furniture.



No. 1R—Large Size, Round Shape, 4 1/2 Foot Varnished Handle, Weight Per Dozen without Handles 25 Lbs. \$20.00

No. 4T—Small Size, Triangular Shape, 4 1/2 Foot Varnished Handle, Weight Per Dozen without Handles 22 Lbs. \$12.00

No. 3T—Large Size, Triangular Shape, 4 1/2 Foot Varnished Handle, Weight Per Dozen without Handles 25 Lbs. 20.00

Average Weight Per Dozen Handles 12 Pounds.
One in a Yellow Lithographed Tin Box.

O-CEDAR DUSTERS



Black Cotton Threads, Polished Wood Handle.

No. 25—Small Size, Medicated, Weight Per Dozen 8 Lbs. \$ 4.00
No. 75—Large Size, Medicated, Weight Per Dozen 10 Lbs. 12.00
Picks up the dust and holds it and is easily shaken out.
One Dozen in a Case.

O-CEDAR DUSTING CLOTH



O-Cedar
Duster
Cloth

No. 30—Medium Size, 36x36 Inches, Saturated with O-Cedar Polish \$4.00

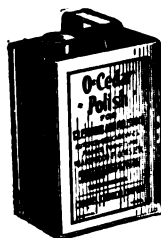
A new method that never loses its efficiency until the cloth wears out. Can be washed and renewed with O-Cedar Polish.

O-CEDAR POLISH ASSORTMENT



O-CEDAR POLISH

Every ingredient of this polish is a pure vegetable substance; positively will not ignite. It contains no grease, mineral by-products or benzine. A wonderful varnish, good for cleaning and polishing floors, furniture, automobiles.

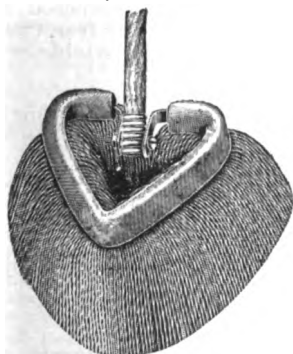


Nos. 4 and 12.

No. 4—4 Oz. Bottles, Weight Per Dozen 10 Lbs. . . \$ 4.00
No. 12—12 Oz. Bottles, Weight Per Dozen 24 Lbs. . . 8.00
No. 10—1 Quart Cans, Weight Per Dozen 30 Lbs. . . 16.00
No. 15—1/2 Gallon Cans, Weight Per Dozen 60 Lbs. . . 24.00
No. 20—1 Gallon Cans, Weight Per Dozen 116 Lbs. . . 40.00
Nos. 4 to 15, One Dozen; No. 20, One-half Dozen in a Box.

Nos. 10 to 20.
Per Dozen

CEDAR OIL MOPS



Per Dozen

No. 100—4 Foot Handle, Well Padded, Cleans, Dusts and Polishes \$4.50
Weight Per Dozen 12 Pounds.

So constructed that you can easily clean corners beneath beds, radiators, pianos and heavy furniture, as well as the tops of doors, transoms and high mouldings.



Cut Shows Sign
Given Free.

This Sign is the Most Attractive Sign possible. It possesses the three desirable qualities in a sign, light, motion and color. Within the Frosted Globe is a Revolving Fan which is operated by the heat from the light. This gives the sign motion and constantly changing colors

O-Cedar Polish Assortment—With Each Order of 2 1/2 Dozen 4-Ounce Bottles, 4 Dozen 12-Ounce Bottles and 1/2 Dozen 1-Quart Cans We Give Free One Sign Complete with Lamp Cord. \$50.00
One Assortment in a Box.

CEDAR OIL POLISH

AMERICAN GIRL

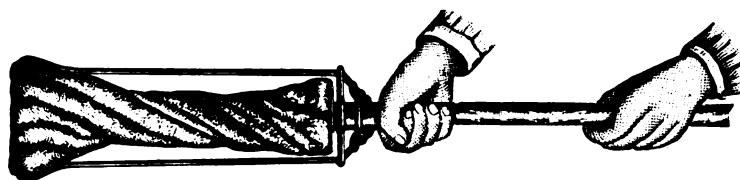


Per Dozen

Cedar Oil—8 Oz. Cans \$1.60
Cedar Oil Polish is the most perfect polish, cleanser and Reviver for every variety of wood finish.
One Dozen in a Box.

MOPS

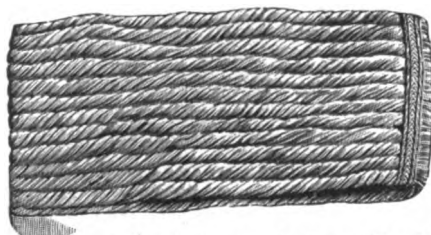
ERIE, SELF-WRINGING



No. 9—Malleable Iron Head and Spreader, Cold Rolled Steel Clasp, Japanned, Nicely Finished, Extra Heavy Special Tempered Steel Wire, Well Seasoned Hardwood Handle, Complete with Cotton Knit Mop Cloth, Weight Per Dozen 22 ½ Lbs. \$5.50
 Extra Mop Cloths—For Above Mops. 3.00
 One Dozen in a Bundle.

MOP HEADS

DANDY



One Piece Cotton Strands, Twisted, Securely Fastened Together at Center.

Size, Ounces	12	16
Per Dozen	\$3.00	4.00

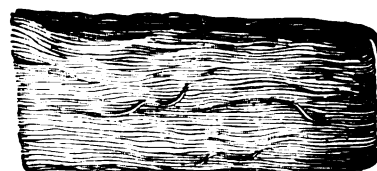
STAR

4-Ply Cotton Yarn, Securely Fastened Together at Center.

Size, Ounces	16	20	24
Per Dozen	\$5.50	6.90	8.80

One Dozen in a Bundle.

SLASHER



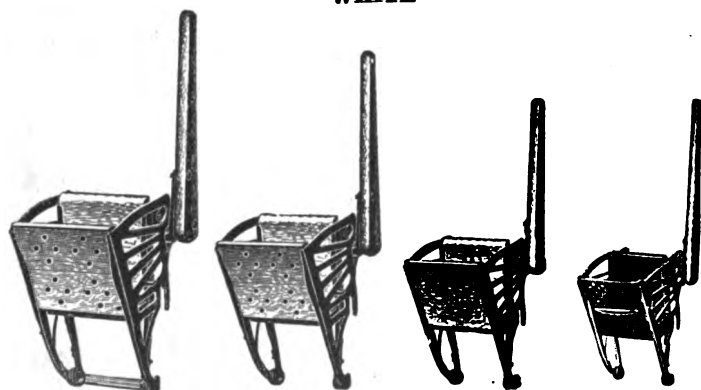
Extra Quality, Linen Yarn Threads, Securely Fastened Together at Center, Extra Strong and Durable.

Size, Ounces	16
Per Dozen	\$6.00

One Dozen in a Bundle.

MOP WRINGERS

WHITE



No. 0.

No. 1.

No. 3.

No. 4 Style of No. 8.

Japanned Malleable Iron Frame, Perforated Pressing Plate, Hardwood Handle, Knuckle Joint Lever Movement, Patent Self-Closing Spring Attachment.

No. 0—Extra Large Size, Wood and Iron, Wrings 26 to 34 Oz. Mops, Weight Per Dozen Crated 165 Lbs.	Per Dozen \$42.00
No. 1—Hotel Size, Wood and Iron, Wrings 16 to 24 Oz. Mops, Weight Per Dozen Crated 135 Lbs.	33.60
No. 3—Family Size, Wood and Iron, Wrings 8 to 16 Oz. Mops, Weight Per Dozen Crated 100 Lbs.	29.40
No. 8—Hotel Size, All Iron, Wrings 16 to 30 Oz. Mops, Weight Per Dozen Crated 160 Lbs.	46.20
No. 4—Family Size, All Iron, Wrings 8 to 16 Oz. Mops, Weight Per Dozen Crated 100 Lbs.	33.60

The mechanical principle of the "White" Mop Wringer furnishes a leverage which enables the user, while standing in an easy and graceful position, to secure a great amount of force on the mop.

One-half Dozen in a Crate.

EAGLE



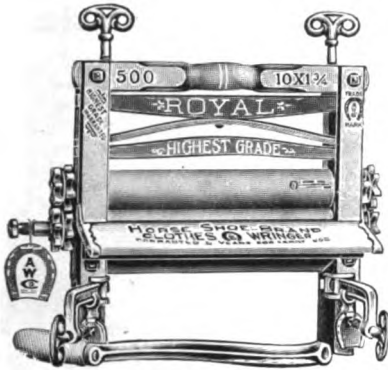
Well Seasoned Maple Rollers, Coppered Steel Spring Wire Springs, Best Refined Malleable Iron Castings, Machine Steel Treadle and Portable Shank.

Selected Louisiana Red Cypress Pail, Three Electric Welded Hoops Sunk in Grooves, Best Quality Stamped Steel Roller Guides.

No. 10—Domestic Size, Capacity 10 Quarts, 9 inches High, for Use in the Home, Weight Per Dozen 150 Lbs.	Per Dozen \$23.20
No. 15—Standard Size, Capacity 14 Quarts, 10 ½ inches High, Designed for Use in Stores, Barber Shops, Bar Rooms, Churches, etc., Weight Per Dozen 180 Lbs.	26.50
No. 20—Janitor Size, Capacity 22 Quarts, 12 ¼ inches High, Designed for Use in Railroad Stations, Hotels, Public, State and Government Buildings, Weight Per Dozen 225 Lbs.	33.00

Nos. 10 and 15, One-third Dozen; No. 20, One-quarter Dozen in a Crate.

ROYAL, REGULAR BEARINGS

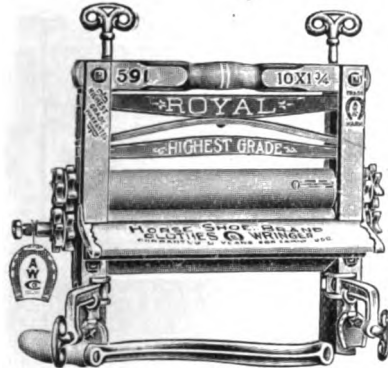


Warranted 5 Years.

Selected Hard Maple Frame, Flat Steel Springs, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Highest Grade Rolls.

Nos.	500	501
Rolls, Inches.....	10x1¾	11x1¾
Wt. Per Dozen, Lbs.	252	260
Per Dozen	\$72.00	80.00
One-quarter or One-half Dozen in a Box.		

ROYAL, BALL BEARING

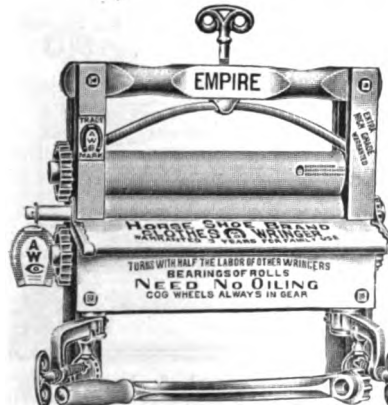


Warranted 5 Years.

Selected Hard Maple Frame, Flat Steel Spring, Steel Bearings, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Highest Grade Rolls.

No.	591
Rolls, Inches	11x1¾
Weight Per Dozen, Lbs.....	280
Per Dozen	\$87.00
One-quarter or One-half Dozen in a Box.	

EMPIRE, REGULAR BEARINGS

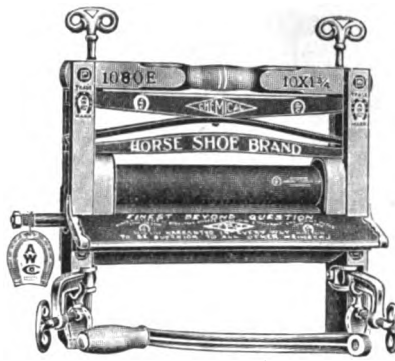


Warranted 3 Years.

Selected Hard Maple Frame, Steel Spring, Purchase Gear, Brass Bushed Crank Journal, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Extra High Grade Rolls.

Nos.	350	351
Rolls, Inches.....	10x1¾	11x1¾
Wt. Per Dozen, Lbs.	258	280
Per Dozen	\$70.00	77.00
One-quarter or One-half Dozen in a Box.		

Note—All Above Wringers, Except Nos. S1084E and 305, have Clamps Adjustable to Galvanized Iron Wood or Fibre Tubs.

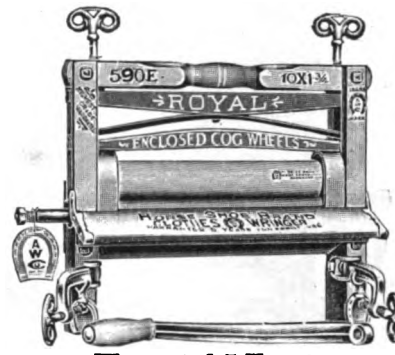
CLOTHES WRINGERS
CHEMICAL, BALL BEARING

Warranted 5 Years.

Enclosed Cog Wheels, Selected Hard Maple Frame, Flat Steel Springs, Steel Bearings, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Chemical Rolls.

Nos.	1080E	1081E
Rolls, Inches.....	10x1¾	11x1¾
Wt. Per Dozen, Lbs.	300	308
Per Dozen.....	\$94.00	100.00
One-quarter Dozen in a Box.		

ROYAL, BALL BEARINGS.

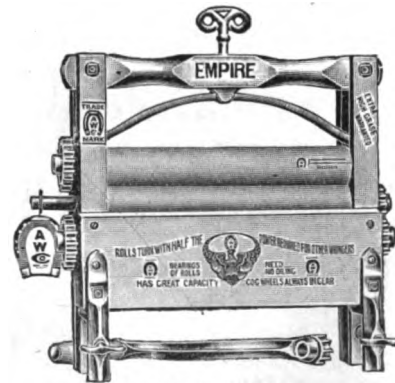


Warranted 5 Years.

Enclosed Cog Wheels, Selected Hard Maple Frame, Flat Spring, Steel Bearings, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Highest Grade Rolls.

Nos.	590E	591E
Rolls, Inches.....	10x1¾	11x1¾
Wt. Per Dozen, Lbs.	300	308
Per Dozen	\$82.00	90.00
One-quarter or One-half Dozen in a Box.		

EMPIRE, REGULAR BEARINGS

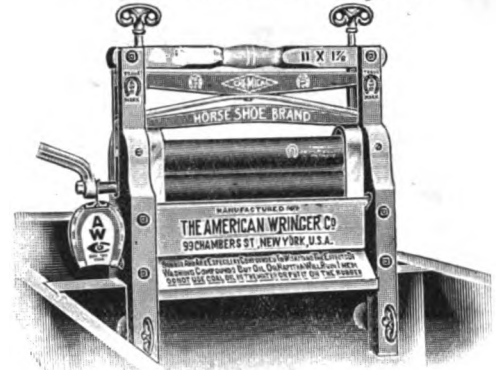


Warranted 3 Years.

Selected Hard Maple Frame, Steel Spring, Purchase Gear, Brass Bushed Crank Journal, Stationary Clamps, for Round or Square Wooden Tubs not Over 2 inches Thick, Extra High Grade Rolls.

No.	305
Rolls, Inches	12x1¾
Weight Per Dozen, Lbs.....	300
Per Dozen	\$94.00
One-quarter or One-half Dozen in a Box.	

CHEMICAL, BALL BEARING

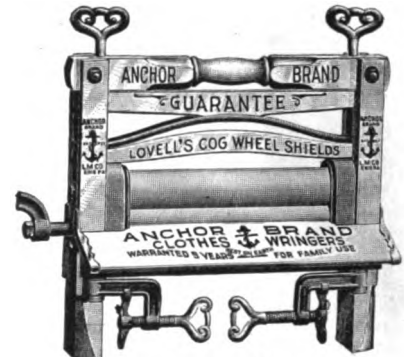


Warranted 5 Years.

Enclosed Cog Wheels, Selected Hard Maple Frame, Steel Spring, Steel Bearings, Reversible Drain Board, Stationary Tub Clamps, Open 2 inches, Chemical Dark Rolls.

No.	S1084E
Rolls, Inches	11x1¾
Weight Per Dozen, Lbs.....	360
Per Dozen	\$132.00
One-quarter Dozen in a Box.	

GUARANTEE, BALL BEARING

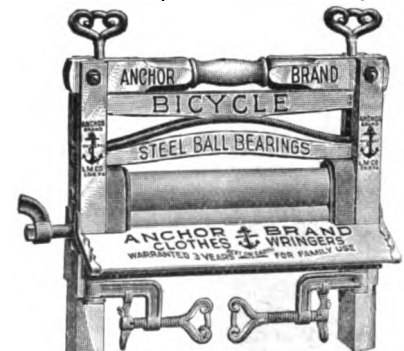


Warranted 5 Years..

Lovell's Cog Wheel Shield, Selected Hard Maple Frame, Flat Steel Springs, Steel Bearings, Large Folding Apron, "Holdfast" Clamps, Open 1½ inches, Highest Grade Rolls.

Nos.	790	791
Rolls, Inches.....	10x1¾	11x1¾
Wt. Per Dozen, Lbs.	275	290
Per Dozen	\$82.00	90.00
One-quarter Dozen in a Box.		

BICYCLE, BALL BEARING

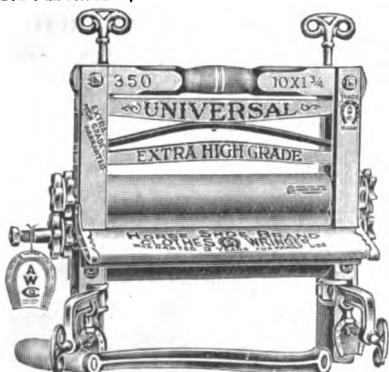


Warranted 3 Years.

Lovell's Cog Wheel Shield, Selected Hard Maple Frame, Flat Steel Spring Steel Bearings, Large Folding Apron, "Holdfast" Clamps, Open 1½ inches, High Grade Rolls.

Nos.	770	771
Rolls, Inches	10x1¾	11x1¾
Wt. Per Dozen, Lbs.	275	290
Per Dozen	\$74.00	81.00
One-quarter or One-half Dozen in a Box.		

UNIVERSAL, REGULAR BEARINGS



Warranted 3 Years.

Selected Hard Maple Frame, Flat Steel Spring, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Extra High Grade Rolls.

Nos.	350	351
Rolls, Inches.....	10x1 ¾	11x1 ¾
Wt. Per Dozen, Lbs.	252	260
Per Dozen	\$64.00	71.00

One-quarter or One-half Dozen in a Case.

UNIVERSAL, BALL BEARINGS



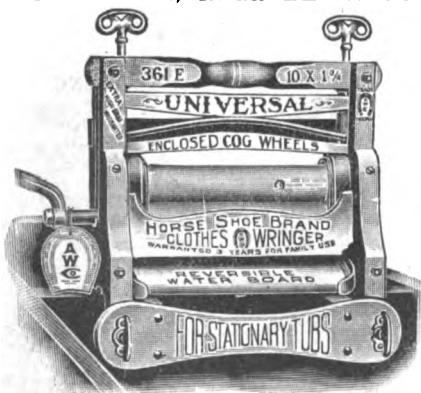
Warranted 3 Years.

Enclosed Cog Wheels, Selected Hard Maple Frame, Flat Steel Spring, Steel Bearings, Patent Guide Board, Horseshoe Clamps, Opens 1½ inches, Extra High Grade Rolls.

Nos.	380E	381E
Rolls, Inches.....	10x1 ¾	11x1 ¾
Wt. Per Dozen, Lbs.	300	308
Per Dozen	\$74.00	81.00

One-quarter or One-half Dozen in a Box.

UNIVERSAL, BALL BEARINGS.



Warranted 3 Years.

Enclosed Cog Wheels, Selected Hard Maple Frame, Flat Steel Spring, Steel Bearings, Reversible Drain Board, Tub Clamps, Open 2 inches, Extra High Grade Rolls.

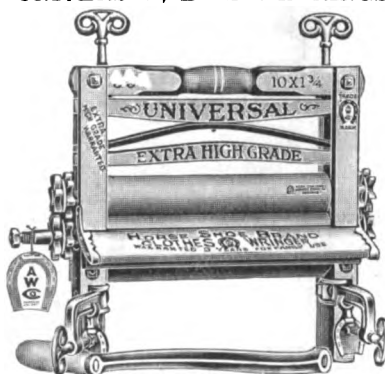
No.	361E
Rolls, Inches	11x1 ¾
Weight Per Dozen, Lbs.	354
Per Dozen	\$87.00

One-sixth or One-third Dozen in a Box.

Note—All Above Wringers, Except Nos. 68, E6, E10 and 361, have Clamps Adjustable to Galvanized Iron, Wood or Fibre Tubs.

CLOTHES WRINGERS

UNIVERSAL, BALL BEARINGS



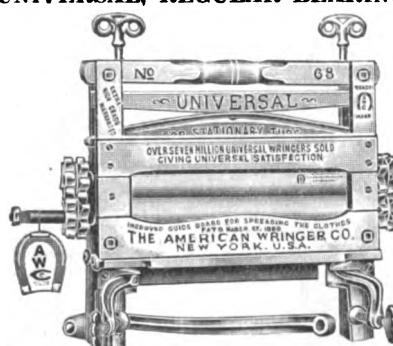
Warranted 3 Years.

Selected Hard Maple Frame, Flat Steel Spring, Steel Bearings, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Extra High Grade Rolls.

Nos.	380	381
Rolls, Inches.....	10x1 ¾	11x1 ¾
Wt. Per Dozen, Lbs.	280	292
Per Dozen	\$71.00	78.00

One-quarter or One-half Dozen in a Case.

UNIVERSAL, REGULAR BEARINGS



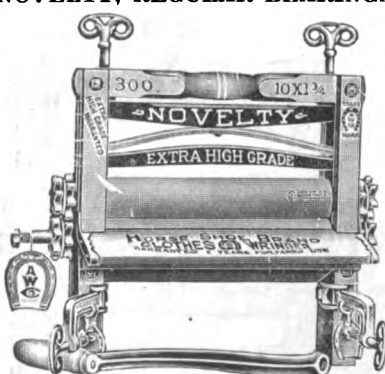
Warranted 3 Years.

Selected Hard Maple Frame, Steel Spring, Double Sided Frame, Reversible Tub Clamps which Open 2 inches and Swing to Either Side of Wringer, thus Permitting Wringing from Either Right or Left Side, Extra High Grade Rolls.

No.	68
Rolls, Inches	12x2
Weight Per Dozen, Lbs.	322
Per Dozen	\$114.00

One-quarter Dozen in a Box.

NOVELTY, REGULAR BEARINGS.



Warranted 3 Years.

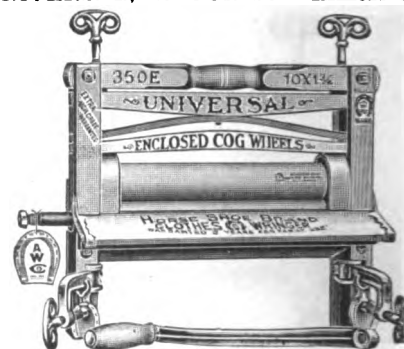
Selected Hard Maple Frame, Flat Steel Spring, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Extra High Grade Rolls.

No.	300
Rolls, Inches	10x1 ¾
Weight Per Dozen, Lbs.	252
Per Dozen	\$64.00

One-quarter or One-half Dozen in a Box.

Note—All Above Wringers, Except Nos. 68, E6, E10 and 361, have Clamps Adjustable to Galvanized Iron, Wood or Fibre Tubs.

UNIVERSAL, REGULAR BEARINGS



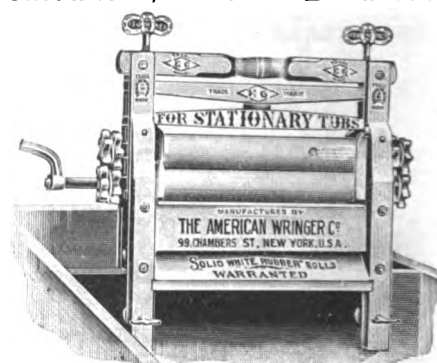
Warranted 3 Years.

Enclosed Cog Wheels, Selected Hard Maple Frame, Flat Steel Spring, Steel Balls, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Extra High Grade Rolls.

Nos.	350E	351E
Rolls, Inches.....	10x1 ¾	11x1 ¾
Wt. Per Dozen, Lbs.	272	288
Per Dozen	\$67.00	74.00

One-quarter or One-half Dozen in a Case.

UNIVERSAL, REGULAR BEARINGS



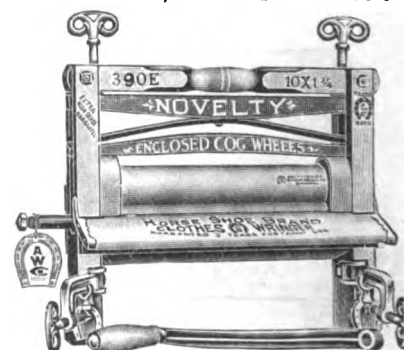
Warranted 3 Years.

Selected Hard Maple Frame, Rubber Spring, Reversible Drain Board, for Stationary Tubs, Only Material of which is not Over 2 inches Thick, Extra High Grade Rolls.

Nos.	E6	E10
Rolls, Inches	12x2 ¼	14x2 ¼
Wt. Per Dozen, Lbs.	576	780
Per Dozen	\$152.00	200.00

One-sixth or One-third Dozen in a Box.

NOVELTY, BALL BEARINGS



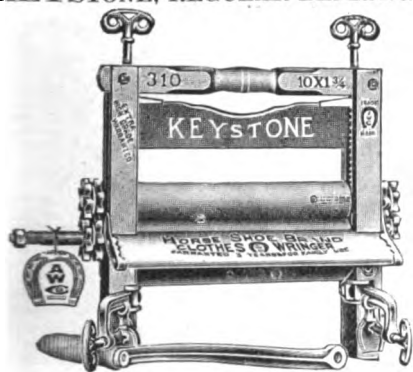
Warranted 3 Years.

Enclosed Cog Wheels, Selected Hard Maple Frame, Flat Steel Spring, Steel Bearings, Patent Guide Board, Horseshoe Clamps, Open 1½ inches, Extra High Grade Rolls.

Nos.	390E	391E
Rolls, Inches	10x1 ¾	11x1 ¾
Wt. Per Dozen, Lbs.	300	308
Per Dozen	\$74.00	81.00

One-quarter or One-half Dozen in a Box.

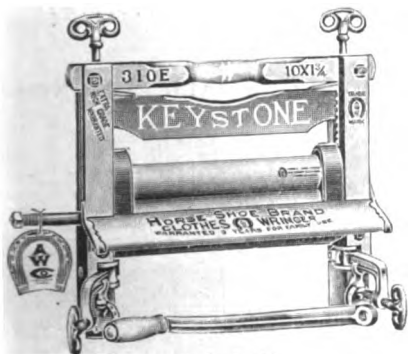
Note—All Above Wringers, Except Nos. 68, E6, E10 and 361, have Clamps Adjustable to Galvanized Iron, Wood or Fibre Tubs.

KEYSTONE, REGULAR BEARINGS**Warranted 3 Years.**

Selected Hard Maple Frame, Spiral Pressure Springs, Patent Guide Board, Horseshoe Clamps, Open 1 1/2 inches, Extra High Grade Rolls.

Nos.	310	311
Rolls, Inches	10x1 3/4	11x1 3/4
Wt. Per Dozen, Lbs.	260	272
Per Dozen	\$64.00	71.00

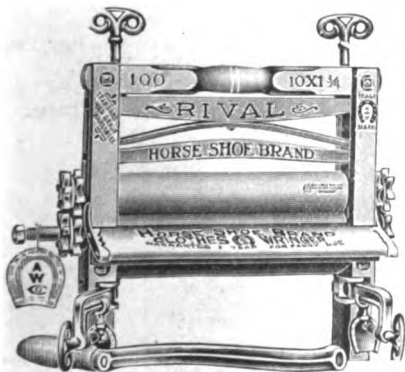
One-quarter or One-half Dozen in a Box.

KEYSTONE, REGULAR BEARINGS**Warranted 3 Years.**

Enclosed Cog Wheels, Selected Hard Maple Frame, Spiral Pressure Springs, Patent Guide Board, Horseshoe Clamps, Open 1 1/2 inches, Extra High Grade Rolls.

No.	310E
Rolls, Inches	10x1 3/4
Weight Per Dozen, Lbs.	288
Per Dozen	\$67.00

One-quarter or One-half Dozen in a Box.

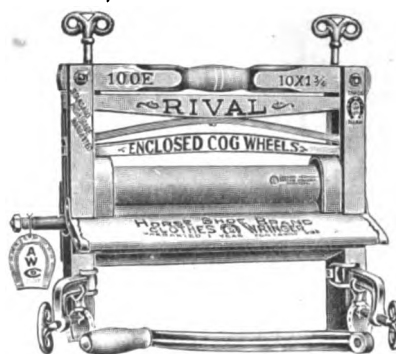
RIVAL, REGULAR BEARINGS**Warranted 1 Year.**

Selected Hard Maple Frame, Flat Steel Spring, Patent Guide Board, Horseshoe Clamps, Open 1 1/2 inches, Standard High Grade Rolls.

Nos.	100	101
Inches	10x1 3/4	11x1 3/4
Wt. Per Dozen, Lbs.	260	272
Per Dozen	\$56.00	62.00

One-quarter or One-half Dozen in a Box.

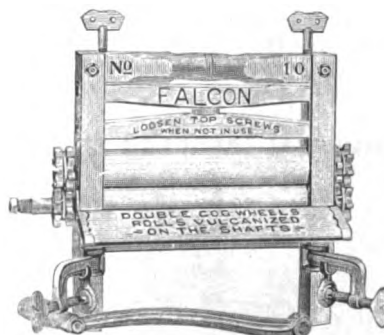
Note—All Above Wringers have Clamps Adjustable to Galvanized Iron, Wood or Fibre Tubs.

CLOTHES WRINGERS
RIVAL, REGULAR BEARINGS**Warranted 1 Year.**

Enclosed Cog Wheels, Selected Hard Maple Frame, Flat Spring, Patent Guide Board, Horseshoe Clamps, Open 1 1/2 inches, Standard Grade Rolls.

Per Dozen	
No. 100E—10x1 3/4 inch Rolls,	
Weight Per Dozen 272 Lbs.	\$59.00

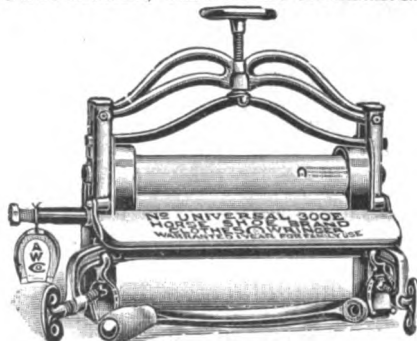
One-quarter or One-half Dozen in a Box.

FALCON, REGULAR BEARINGS**Not Warranted.**

Hard Maple Frame, Rubber Springs, Patent Guide Board, Combination Clamps, Open 1 1/2 inches. Per Dozen

No. 10—10x1 3/4 inch Rolls,	
Weight Per Dozen 220 Lbs.	\$45.00

One-half Dozen in a Box.

UNIVERSAL, REGULAR BEARINGS**Warranted 3 Years.**

Enclosed Cog Wheels, Galvanized Malleable Iron Frame, Flat Steel Springs, Maple Guide Board and Folding Apron, Horseshoe Clamps, Open 1 1/2 inches, Extra High Grade Rolls. Per Dozen

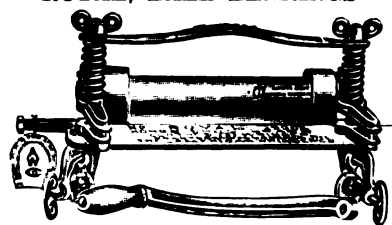
No. 300E—10x1 3/4 inch Rolls,	
Weight Per Dozen 320 Lbs.	\$67.00

UNIVERSAL, BALL BEARINGS

Enclosed Cog Wheels, Galvanized Malleable Iron Frame, Flat Steel Spring, Steel Bearings, Maple Guide Board and Folding Apron, Horseshoe Clamps, Open 1 1/2 inches, Extra High Grade Rolls.

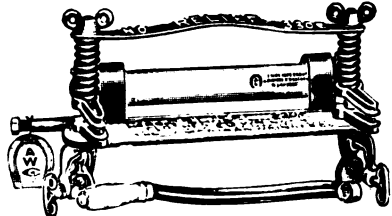
Nos.	390E	391E
Rolls, Inches	10x1 3/4	11x1 3/4
Wt. Per Dozen, Lbs.	300	308
Per Dozen	\$74.00	81.00

One-quarter or One-half Dozen in a Box.

ROYAL, BALL BEARINGS**Warranted 5 Years.**

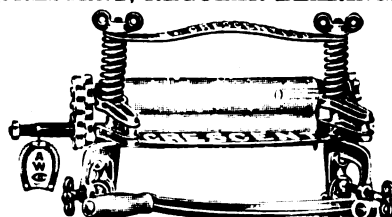
Enclosed Cog Wheels, Galvanized Iron Wheels, Steel Spindle Springs, Steel Bearings, Horseshoe Clamps, Open 1 1/2 inches, Highest Grade Rolls. Per Dozen

No. 570E—10x1 3/4 inch Rolls,	
Weight Per Dozen 300 Lbs.	\$82.00

RELIEF, REGULAR BEARINGS**Warranted 3 Years.**

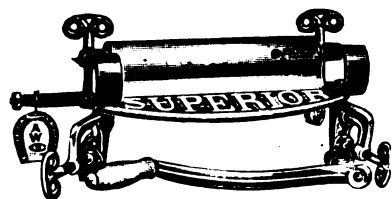
Enclosed Cog Wheels, Galvanized Iron Frame, Steel Spiral Springs, Horseshoe Clamps, Open 1 1/2 inches, Extra High Grade Rolls. Per Dozen

No. 330E—10x1 3/4 inch Rolls,	
Weight Per Dozen 280 Lbs.	\$67.00

CRESCENT, REGULAR BEARINGS**Warranted 1 Year.**

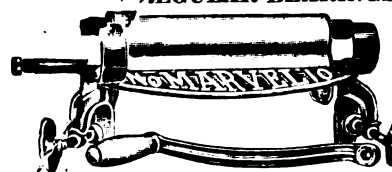
Galvanized Malleable Iron Frame, Steel Spiral Springs, Horseshoe Clamps, Open 1 1/2 inches, Standard High Grade Rolls. Per Dozen

No. 130—10x1 3/4 inch Rolls,	
Weight Per Dozen 240 Lbs.	\$56.00

SUPERIOR, REGULAR BEARINGS**Warranted 2 Years.**

Iron Frame, Galvanized Malleable Iron Clamps and Apron, Japanned Steel Springs, Horseshoe Clamps, Open 1 1/2 inches. Per Dozen

No. 210—10x1 3/4 inch Rolls,	
Weight Per Dozen 240 Lbs.	\$59.00

MARVEL, REGULAR BEARINGS**Not Warranted.**

Iron Frame, Galvanized Malleable Iron Clamps and Apron, Japanned Steel Springs, Clamps Open 1 1/2 inches. Per Dozen

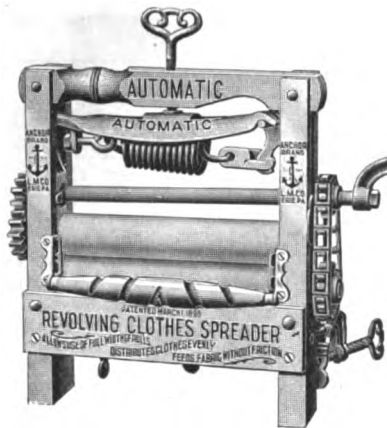
No. 10—10x1 3/4 inch Rolls,	
Weight Per Dozen 172 Lbs.	\$41.00

One-quarter or One-half Dozen in a Box.

CLOTHES WRINGERS

AUTOMATIC, GALVANIZED METAL BEARINGS

BICYCLE, BALL BEARING



Warranted 5 Years.

Hardwood Frame, Steel Spiral Spring, Purchase Gear with Chain, Automatic Adjustment, Patent Roller Clothes Spreader, "Hold Fast" Tub Clamps, Open 1½ inches, Highest Grade Rolls.

No.	110
Rolls, Inches	10x1½
Weight Per Dozen, Lbs.	285
Per Dozen	\$77.00

One-quarter Dozen in a Box.

FOLDING BENCH

The Benches of these Wringers will hold two tubs or a tub and a clothes basket. When wringer is not in use Bench can be folded.



Warranted 3 Years.

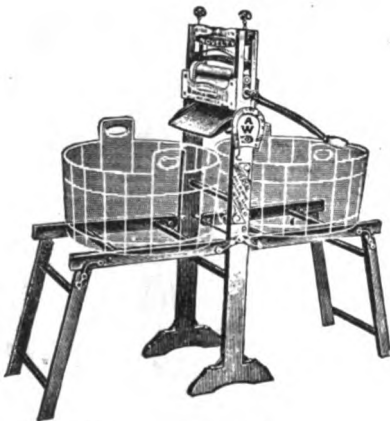
Lovell's Cog Wheel Shield, Selected Hard Maple Frame, Flat Steel Spring, Steel Ball Bearings, Reversible Water Board Conducts the Water into Either Tub, High Grade Rolls.

No. 770B—10x1½ inch Rolls, Weight Per Dozen	490
Lbs.	\$105.00
One-twelfth Dozen in a Crate.	

NOVELTY, BALL BEARING

UNIVERSAL, REGULAR BEARINGS

UNIVERSAL, BALL BEARINGS



Warranted 3 Years.

Enclosed Cog Wheels, Selected Hard Maple Frame, Flat Steel Spring, Steel Bearings, Reversible Water Board Conducts the Water into Either Tub, Extra High Grade Rolls.

No. B390E—10x1½ inch Rolls,	Per Dozen
Wt. Per Dozen 540 Lbs.	\$105.00
One-twelfth Dozen in a Crate.	



Warranted 3 Years.

Enclosed Cog Wheels, Selected Maple Frame, Flat Steel Spring, Reversible Water Board Conducts the Water into Either Tub, Extra High Grade Rolls.

No. B350E—10x1½ inch Rolls,	Per Dozen
Wt. Per Dozen 540 Lbs.	\$98.00



Warranted 3 Years.

Enclosed Cog Wheels, Selected Maple Frame, Flat Steel Spring, Steel Ball Bearings, Reversible Water Board Conducts the water into Either Tub, Extra High Grade Rolls.

No. B381E—11x1½ inch Rolls,	Per Dozen
Wt. Per Dozen 570 Lbs.	\$112.00
One-twelfth Dozen in a Crate.	

HOUSEHOLD, REGULAR BEARINGS

Warranted 1 Year.

Enclosed Cog Wheels, Selected Maple Frame, Flat Steel Spring, Reversible Water Board Conducts Water into Either Tub, Standard High Grade Rolls.

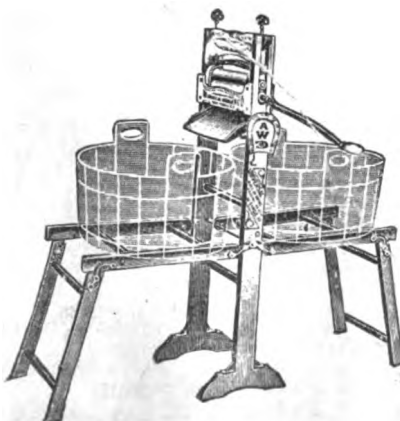
No. B150E—10x1½ inch Rolls, Weight Per	Per Dozen
Dozen 540 Lbs.	\$91.00
One-twelfth Dozen in a Crate.	

HOUSEHOLD, REGULAR BEARINGS

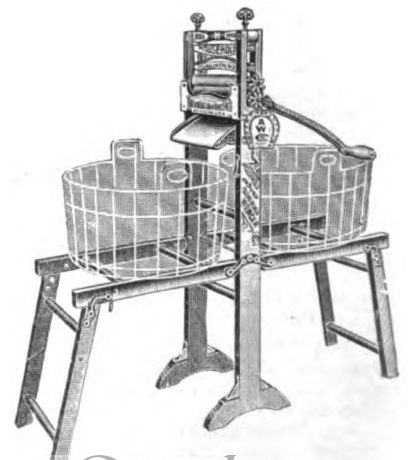
Warranted 1 Year.

Selected Maple Frame, Flat Steel Spring, Reversible Water Board Conducts Water into Either Tub, Standard High Grade Rolls.

No. B150—10x1½ inch Rolls, Weight Per	Per Dozen
Dozen 520 Lbs.	\$88.00
One-twelfth Dozen in a Crate.	



No. B150E.



No. B150.

CLOTHES WRINGER ASSORTMENTS



No. 10.



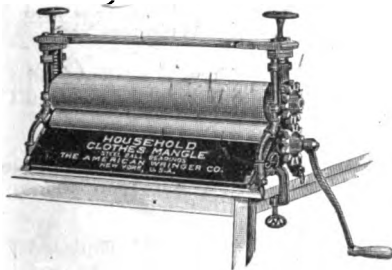
No. 11.

Per Assortment

- No. 10 Assortment—Consists of 1 Stand and 3 Horse Shoe Brand Regular Bearing Wringers, with 10x1 3/4 inch Rolls, 1 Each Royal, Universal and Rival....\$17.00
- No. 11 Assortment—Consists of 1 Stand and 3 Horse Shoe Brand Regular Bearing Wringers, with 11x1 3/4 inch Rolls, 1 Each Royal, Rival and Keystone.... 18.75

CLOTHES MANGLES

HOUSEHOLD COLD ROLL, BALL BEARINGS



Each

- No. 124—24x3 1/2 inches, Highly Polished Selected Hard Maple Rolls, with Crank.....\$10.30
- The Rolls in this Mangle cannot be heated. Not suitable for shirts or clothes with buttons. Can be clamped to any ordinary table by use of thumb screws.
- Weight Each 42 Pounds.
One in a Box.

WRINGER ATTACHMENTS



Adjustable, for Galvanized Wash Tubs.

Per Dozen Pairs

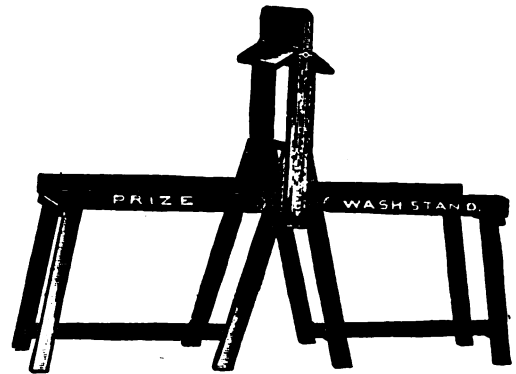
- No. 1—5 1/2 x 1 1/2 x 7/8 inches, Adjustable.....\$1.50
- The above illustration shows the Adjustable Wringer Attachment for galvanized wash tubs, which is a great improvement over anything yet devised for this purpose. This attachment can be fitted to any make of tub in an instant.
- Weight Per Dozen Pairs 4 Pounds.
One Dozen Sets in a Package.

WASH BENCHES

PRIZE FOLDING



CLOSED.



OPEN.

Hardwood, Oiled.

Each

Prize—52 inches Long, 15 inches Wide, 36 inches High,
Double Water Board.....\$2.00

Designed for holding two tubs. Will take any style of 10, 11 or 12 inch Wringers.

Weight Each 18 Pounds.

Three in a Crate.

HOUSEHOLD FOLDING



Hardwood, Oiled:

Each

Household—41 3/4 inches
Long, 19 3/4 inches
Wide, 30 1/2 inches
High, Reversible
Water Board.....\$2.85

Designed for holding two tubs, or a tub and a clothes basket. Will take any style of 10, 11 or 12 inch wringer.

Weight Each 35 Pounds.

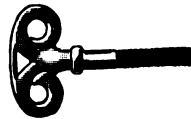
Three in a Crate.

WRINGER REPAIRS

PRESSURE SCREWS

Galvanized.

Each



- No. 10—Fits All Standard Wringers..\$0.10
- Weight Per Dozen 2 1/2 Pounds.

TUB CLAMPS

Galvanized, For All Wood Frame Wringers.

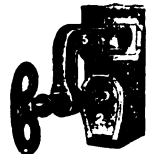
Each

- No. 20—Right Hand, for Crank Side..\$0.30

- No. 21—Left Hand, for Side Opposite

Crank30

Weight Each 1 Pound.



WRINGER CRANKS



Each

- No. 50—Galvanized, Wood Grip, for All Standard Wringers with Screw Shank Except Automatic Wringers..\$0.25

- No. 51—For Automatic Wringers..... .25

Weight Each 1 1/4 Pounds.



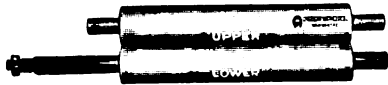
Each

- No. 70—Galvanized, Wood Grip, for Empire Wringers..\$0.40

Weight Each 1 1/4 Pounds.

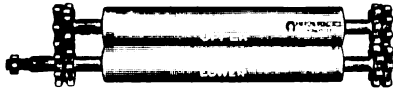
WRINGER ROLLS

EXTRA HIGH GRADE, WARRANTED 3 YEARS



Friction Rolls, for No. 210 Superior Iron Frame Wringer.

- Each
No. 34U—Upper, 10x1 3/4 inches, without Cog Wheels...\$2.05
No. 34L—Lower, 10x1 3/4 inches, without Cog Wheels... 2.05
Weight Each 3 Pounds.



Gearing Rolls, for No. 500 Royal, No. 350 Universal, No. 300 Novelty, No. 100 Rival and No. B150 Household Bench Wringer.

- Each
No. 10U—Upper, 10x1 3/4 inches, with Outside Cogs...\$2.17
No. 10L—Lower, 10x1 3/4 inches, with Outside Cogs... 2.17

Gearing Rolls, for No. 310 Keystone Wringer.

- Each
No. 19U—Upper, 10x1 3/4 inches, with Outside Cogs...\$2.17
No. 19L—Lower, 10x1 3/4 inches, with Outside Cogs... 2.17

Gearing Rolls, for No. 501 Royal, No. 351 Universal and No. 101 Rival Wringer.

- Each
No. 11U—Upper, 11x1 3/4 inches, with Outside Cogs...\$2.46
No. 11L—Lower, 11x1 3/4 inches, with Outside Cogs... 2.46

Gearing Rolls, for No. 311 Keystone Winger.

- Each
No. 20U—Upper, 11x1 3/4 inches, with Outside Cogs...\$2.46
No. 20L—Lower, 11x1 3/4 inches, with Outside Cogs... 2.46

Gearing Rolls, for No. 68 Universal Winger.

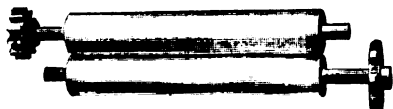
- Each
No. 22U—Upper, 12x2 inches, with Outside Cogs...\$3.54
No. 22L—Lower, 12x2 inches, with Outside Cogs... 3.54

Gearing Rolls, for No. E6 Universal Wringer.

- Each
No. E6-U—Upper, 12x2 1/4 inches, with Outside Cogs...\$4.34
No. E6-L—Lower, 12x2 1/4 inches, with Outside Cogs... 4.34

Gearing Rolls, for No. E10 Universal Wringer.

- Each
No. E10-U—Upper, 14x2 1/4 inches, with Outside Cogs...\$6.08
No. E10-L—Lower, 14x2 1/4 inches, with Outside Cogs... 6.08



Gearing Rolls, Warranted 5 Years, for No. 110 Automatic Wringer.

- Each
No. 1A—Upper, 10x1 3/4 inches, with Outside Cogs...\$2.50
No. 2A—Lower, 10x1 3/4 inches, with Outside Cogs... 2.50

Gearing Rolls, for No. 350 Empire Wringer.

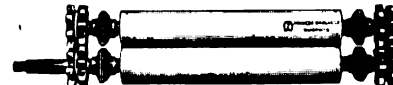
- Each
No. 28U—Upper, 10x1 3/4 inches, with Outside Cogs...\$2.16
No. 28L—Lower, 10x1 3/4 inches, with Outside Cogs... 2.16

Gearing Rolls, for No. 351 Empire Wringer.

- Each
No. 29U—Upper, 11x1 3/4 inches, with Outside Cogs...\$2.46
No. 29L—Lower, 11x1 3/4 inches, with Outside Cogs... 2.46

Gearing Rolls, for No. 305 Empire Wringer.

- Each
No. 32U—Upper, 12x1 7/8 inches, with Outside Cogs...\$3.16
No. 32L—Lower, 12x1 7/8 inches, with Outside Cogs... 3.16

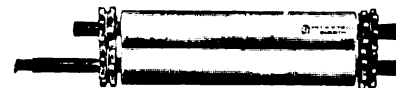


Ball Bearing Gearing Rolls, for No. 380 Universal Winger.

- Each
No. 13U—Upper, 10x1 3/4 inches, with Outside Cog
Wheels...\$2.46
No. 13L—Lower, 10x1 3/4 inches, with Outside Cog
Wheels... 2.46

Ball Bearing Gearing Rolls, for No. 591 Royal and No. 381 Universal Winger.

- Each
No. 14U—Upper, 10x1 3/4 inches, with Outside Cog
Wheels...\$2.74
No. 14L—Lower, 10x1 3/4 inches, with Outside Cog
Wheels... 2.74



Gearing Rolls for No. 590E Royal, No. 380E Universal, No. 350E Universal, No. 390E Novelty, No. 310E Keystone, No. 100E Rival, No. B350E Universal Bench, No. B390E Novelty Bench and No. B150E Household Bench Wringer.

- Each
No. 25U—Upper, 10x1 3/4 inches, with Encased Cogs...\$2.70
No. 25L—Lower, 10x1 3/4 inches, with Encased Cogs... 2.70

Gearing Rolls, for No. 591E Royal, No. 351E Universal, No. 381F Universal, No. 361E Universal and No. 391E Novelty Wringer.

- Each
No. 26U—Upper, 11x1 3/4 inches, with Encased Cogs...\$3.00
No. 26L—Lower, 11x1 3/4 inches, with Encased Cogs... 3.00

Gearing Rolls, for No. 570E Royal, No. 300E Universal, No. 390E Universal and No. 330E Relief Iron Frame Wringer.

- Each
No. 43U—Upper, 10x1 3/4 inches, with Encased Cogs...\$2.04
No. 43L—Lower, 10x1 3/4 inches, with Encased Cogs... 2.04

Gearing Rolls, for No. 391E Universal Iron Frame Wringer.

- Each
No. 44U—Upper, 11x1 3/4 inches, with Encased Cogs...\$2.34
No. 44L—Lower, 11x1 3/4 inches, with Encased Cogs... 2.34



Gearing Rolls, for No. 790 Guarantee, No. 770 Bicycle and No. 770B Bicycle Bench Winger.

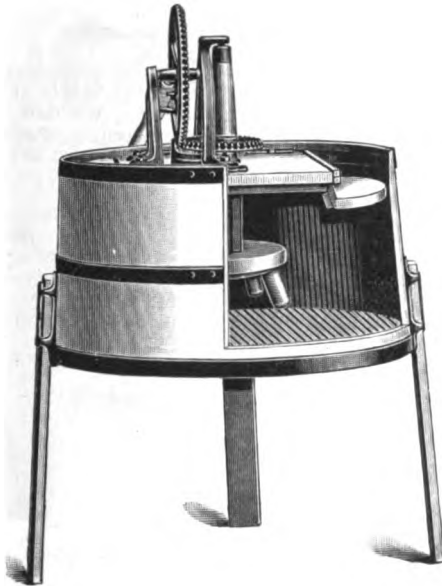
- Each
No. 33—Upper, 10x1 3/4 inches, with Encased Cogs...\$2.46
No. 151—Lower, 10x1 3/4 inches, with Encased Cogs... 2.46

Gearing Rolls, for No. 791 Guarantee and No. 771 Bicycle Wringer.

- Each
No. 35—Upper, 11x1 3/4 inches, with Encased Cogs...\$2.74
No. 152—Lower, 11x1 3/4 inches, with Encased Cogs... 2.74

WASHING MACHINES

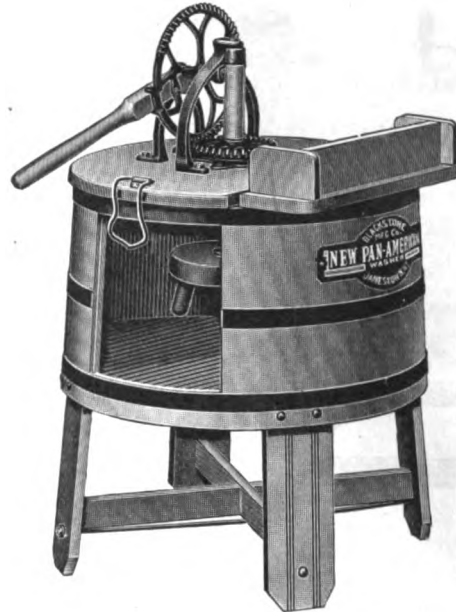
SUN



Sun—Family Size, Louisiana Cypress Tub, Natural Finish, Corrugated Sides and Bottom, Three Heavy Steel Hoops, Improved Gearing Attached to a Patent Panel by which no Castings have to be Set up or Adjusted after Washer Arrives.....**\$6.00**

Weight Each Crated 50 Pounds.

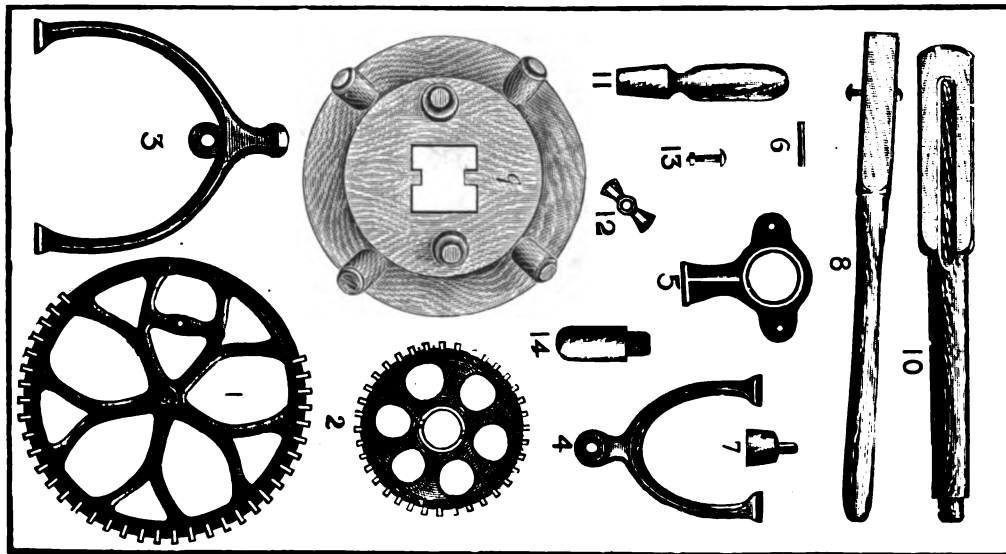
NEW PAN AMERICAN



New Pan American—Family Size, Round Wood Tub, Corrugated Sides and Bottom, Three Heavy Iron Hoops, Four Strong Legs, Securely Bolted to the Tub, Well Braced and Held Together with Steel Rods, Filled and Varnished Woodwork, Aluminum and Gold Bronzed Finished Castings.....**\$6.70**
This Washer has a large lid allowing the entire top to open up, making plenty of room for operator to put in and take out clothes.

Weight Each Crated 65 Pounds.

EXTRA PARTS FOR SUN AND NEW PAN AMERICAN WASHING MACHINES



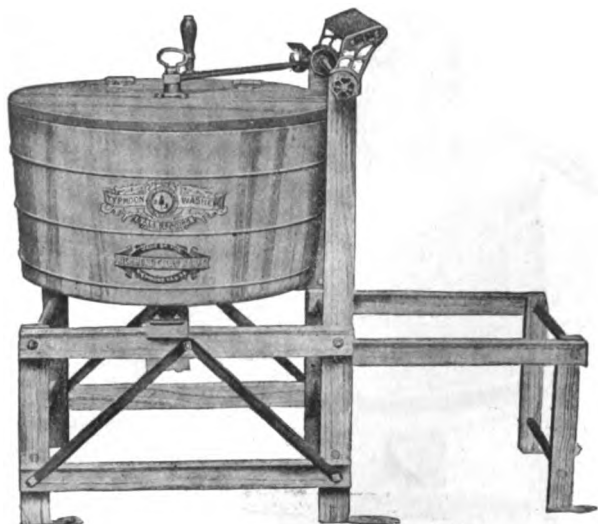
	Each
No. 1—Large Gear Wheel	\$0.40
No. 2—Small Gear Wheel.....	.40
No. 3—Large Stand .....	.40
No. 4—Small Stand .....	.40
No. 5—Collar and Guide.....	.30
No. 6—Post Pin for Holding Small Cog on Post.....	.04
No. 7—Ferrule for End of Post.....	.10

	Each
No. 8—Top or Lever Handle for Large Gear Wheel....	\$0.20
No. 9—Inside Wooden Wheel or Dasher.....	.70
No. 10—Post or Standard for Holding Inside Dasher...	.30
No. 11—Plug or Stopper for Holding Water in Machine.	.10
No. 12—Button for Holding Lid of Machine Down.....	.04
No. 13—Bolts for Holding Castings to Lid.....	.02
No. 14—Pins or Pegs for Inside Wheel or Dasher.....	.10

Note—The Above Parts Numbered from 1 to 14 will Fit Either of the above Mentioned Machines. When Ordering, Always State for which Machine Parts are Wanted.

WASHING MACHINES

TYPHOON, BALL BEARING

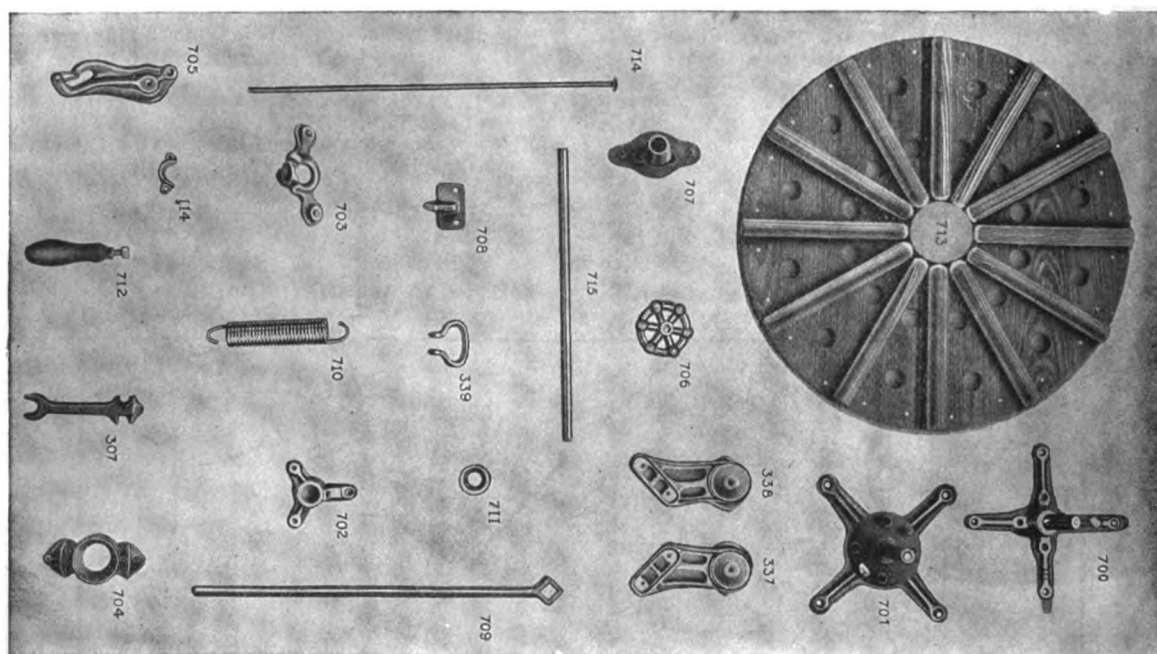


Each
Typhoon—Family Size, Ball Bearing, Virginia White Cedar Tub, Corrugated Sides and Bottom, Electric Welded Wire Hoops, Nicely Finished with Two Coats of Varnish, Patented Tilting Wringer Board, Well Braced Hardwood Frame, Runs by Motor Springs. **\$12.00**

To wash with the Typhoon just swing the tub on its ball bearings. The tub is so evenly balanced on hardened steel balls running in steel cones, that it revolves as easily as a bicycle wheel. It is equipped with two powerful oil tempered springs extending from the center in opposite directions. These furnish the motor power and do almost all the work. The wringer need never be taken off, as it can be tilted back out of the way while operating the washer.

Weight Each Crated 80 Pounds.

EXTRA PARTS FOR TYPHOON WASHING MACHINE



	Each		Each
No. 700—Dolly Cross	\$0.90	No. 338—L. H. Wringer Board Lug	\$0.40
No. 701—Tub Bottom Cross . . . . .	.90	No. 329—Dolly Grip . . . . .	.20
No. 702—Top Center Bearing . . . . .	.32	No. 710—Spring . . . . .	.50
No. 703—Handle Bracket . . . . .	.30	No. 711—Ball Bearing . . . . .	.80
No. 704—Spring Center Plate . . . . .	.32	No. 712—Handle and Bolt . . . . .	.30
No. 705—Dolly Lever Hook . . . . .	.32	No. 713—Dolly	2.00
No. 706—Grip Wheel . . . . .	.32	No. 714—18 $\frac{3}{4}$ inch Carriage Bolt . . . . .	.20
No. 707—Bottom Spindle Bearing . . . . .	.40	No. 715—15 inches Galvanized Pipe, $\frac{1}{4}$ inch . . . . .	.32
No. 708—Outside Spring Hook . . . . .	.20	No. 307—Wrench . . . . .	.20
No. 709—Lever Wrench . . . . .	.50	No. 114—Spout . . . . .	.10
No. 337—R. H. Wringer Board Lug . . . . .	.40		

Note—When Ordering, Always State for which Machine Parts are Wanted.

WASHING MACHINES

PEACEMAKER

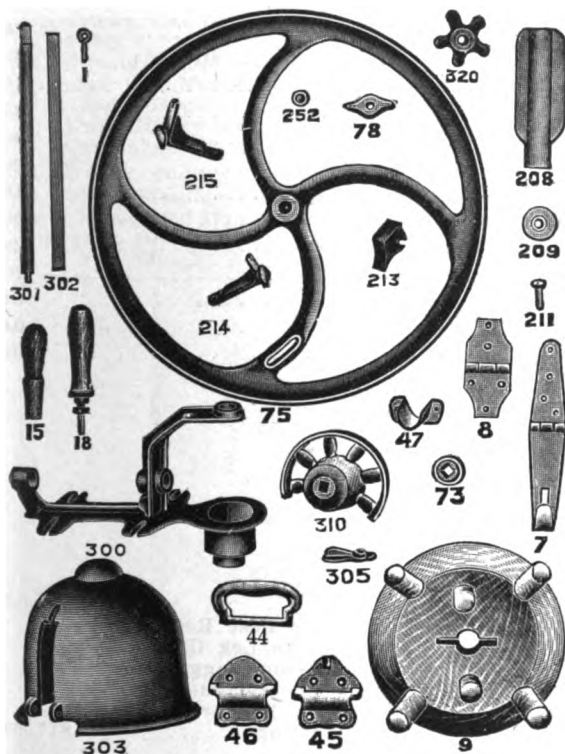


Each
Peacemaker—Family Size, Best Kiln Dried Louisiana Red Cypress Tub, Corrugated Sides and Bottom, Strong Cypress Wringer Box, Solid Stave Legs, Handsomely Finished in the Natural Color of the Wood, Aluminum Bronzed Gearing and Hoops, Blue Enameled Fly Wheel and Hood.....\$11.00

This machine allows no escape of steam, thus keeping the water hot for a much greater length of time. The dasher paddle is made of heavily galvanized cast iron, preventing the fabrics from becoming rust-stained. The dasher is made of 2 inch hardwood. The lid is of double thickness, held together by screws imbedded in the wood. The hood completely covers the gearing, preventing thereby any possible accidents.

Weight Each Crated 80 Pounds.

EXTRA PARTS FOR PEACEMAKER WASHING MACHINE



	Each
No. 1—Spring Cotter for Top of Square Shaft.....	\$0.08
No. 7—Hinge Hasp for Lid.....	.32
No. 8—Hinge for Lid.....	.16
No. 9—Pin Wheel or Dasher.....	.64
No. 15—Water Stopper.....	.08
No. 18—Handle and Bolt for Fly Wheel.....	.32
No. 44—Handle for Tub.....	.16
No. 45—Handle Plate with Projection.....	.24
No. 46—Handle Plate, Plain.....	.16
No. 47—Spout.....	.08
No. 73—Bushing for Top of Stand.....	.16
No. 73—Bushing for Bottom of Stand.....	.16
No. 75—Fly Wheel.....	1.60
No. 78—Thumb-Nut for Holding Fly Wheel.....	.16
No. 208—Paddle for Dasher.....	.40
No. 209—Collar for Paddle No. 208.....	.16
No. 211— $\frac{3}{8}$ inch Screw for Paddle Collar No. 209.....	.08
No. 216—Paddle with Collar Cast Solid.....	.40
No. 213—Rest for Lid.....	.16
No. 215—Outside Wringer Box Bracket 1 Set 2 Pieces.....	.40
No. 252—Roller for End of Pinion Shaft.....	.24
No. 300—Stand.....	.96
No. 301— $\frac{5}{8}$ inch Round Pinion Shaft.....	.64
No. 302— $\frac{3}{4}$ inch Square Dasher Shaft.....	.64
No. 303—Hood or Cover for Gearing.....	.80
No. 304—Round Head Stove Bolt for Hood.....	.08
No. 305—Thumb Latch for Hood.....	.08
No. 310—Double Gear for Square Shaft.....	.96
No. 320—Pinion for Round Shaft.....	.32

Note—When Ordering, Always State for which Machine Parts are Wanted.

SUCTION WASHER

The daintiest and most delicate curtains can be washed without danger of them being torn or damaged.



With this Washer you can keep the draperies about the home clean and bright because it is easy to wash them.

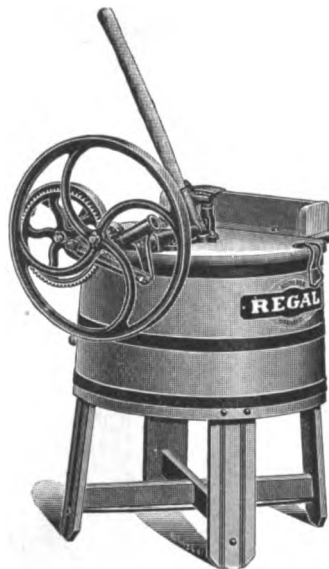
Each
 No. 1—Improved Cyclone, IXX Charcoal Tin Plate, Seamed and Soldered, with Handle.....\$1.25
 Washes clothes in a tub, pail or wash boiler, removing all dirt quickly and easily. Cleans by compressed air action. Stamping the clothes with the device forces the water and soap through the fabric, thoroughly and entirely removing the dirt.

Weight Each 3 Pounds.

Open Stock.

WASHING MACHINES

REGAL

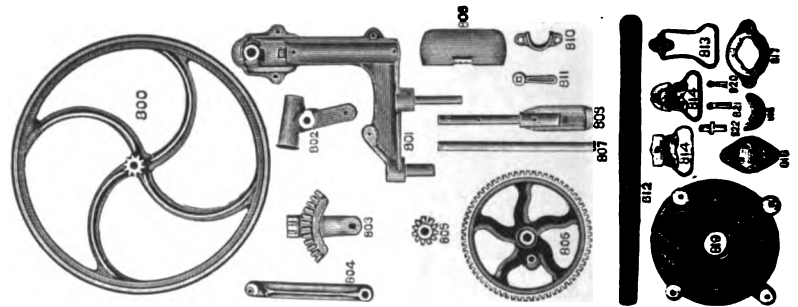


Regal—Family Size, Selected Louisiana Red Cypress Tub, Natural Finished with High Grade Varnish, Full Corrugations Inside, Hardwood Legs are Bolted, Firmly Braced and Reinforced by Steel Rods, Heavy 2-Ply Overlapping Lid, Non-Tearing Dasher, Protected Gearing, 3 Extra Heavy Steel Hoops, Finished in Black Enamel, Galvanized Tub Trimmings, Blue and Red Enameled Castings.... **\$13.60**

The gearing is of the simplest construction and all working parts are carefully machined. Two sockets are provided for the operating lever so the operator may stand or sit while working the machine.

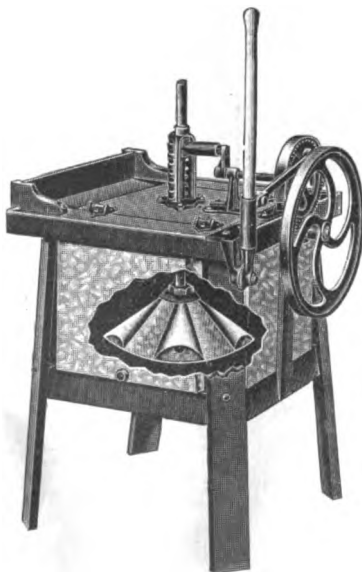
Weight Each Crated 95 Pounds.

EXTRA PARTS FOR REGAL WASHING MACHINE



	Each
No. 800—Fly Wheel (not Mailable).....	\$2.50
No. 801—Frame	2.00
No. 802—Lever Socket	1.50
No. 803—Combination Socket and Gear.....	1.50
No. 804—Connecting Rod .....	.20
No. 805—Post Gear .....	.60
No. 806—Speed Gear (Casting Numbered 506).....	.60
No. 807—Gun Rod .....	.30
No. 808—Post .....	.50
No. 809—Gear Cover .....	.30
No. 810—Gear Cover for No. 806 (not Illustrated).....	.50
No. 811—Wrench .....	.10
No. 812—Lever Handle .....	.20
No. 813—Lid Fastener .....	.30
No. 814—Side Handle with Plate.....	.20
No. 816—Small Collar for Dasher.....	.10
No. 817—Large Collar for Dasher.....	.20
No. 818—Cap or Shield for Dasher.....	.20
No. 819—Inside Wheel or Dasher.....	.70
No. 820—Pin .....	.04
No. 821—Pin .....	.04
No. 822—Pin .....	.04

WISCONSIN VACUUM



Wisconsin Vacuum—Family Size, Galvanized Metal Tub, Best Red Cypress Cover, Varnished, Hardwood Legs, Bolted from Leg to Leg Under Body of Tub, Holding Frame Solid and Prevents Bottom from Sagging, Hardwood Wringer Board, All Gears Cut on Automatic Machines, Making them Quiet and Noiseless, Galvanized Dasher, Hollow Dasher Shaft Permits Dasher to Take in Air at Top, Gold Bronzed Castings..... **\$17.00**

The Dasher, with four spouts, is the heart of the machine. It has a valve at lower end of dasher shaft, which permits of taking in air at upward stroke, then valve closes on downward stroke, forcing suds through the cloth. The dasher also has a rotary motion which turns cloth at each stroke, no boring holes into cloth with pegs.

The Lever to operate Washer is at right of operator. It can be detached to permit Washer to be run by power from fly wheel. You can raise and close lid with lever. A child can operate Washer with ease. Stop Washer before raising lid. To start Washer give fly wheel a turn by hand.

Cover can be raised without disturbing fly wheel. Cover is faced with a catch with a thumb screw so it can be fastened down and prevent cogs from slipping.

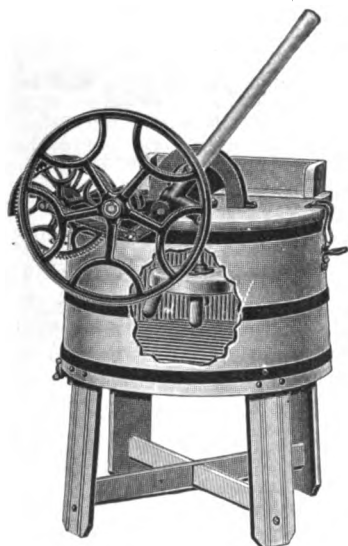
This Machine will wash the most delicate fabrics, lace curtains, shirt waists, etc., without possibility of injury.

It will wash blankets, carpets and heavy clothing equally as well because the water is forced clear through the cloth, carrying the dirt with it.

Weight Each 70 Pounds.

WASHING MACHINES

QUALITY, BALL BEARING

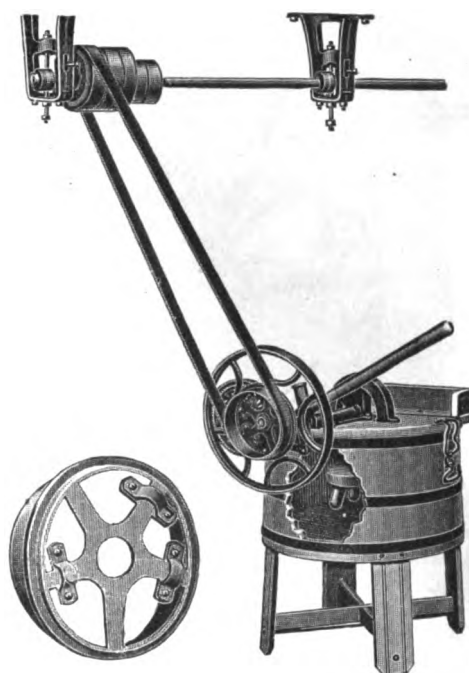


Quality—Large Family Size, Selected Louisiana Cypress Tub, the Best Known Wood for Washing Machines, Handsomely Finished in Moss Green Color, Fully Corrugated on the Inside, Hardwood Legs Firmly Bolted and Braced, Heavy 2-Ply Over Lapping Lid, Non-Tearing Dasher, Protected and Cut Gears, Double Socket for Operating Handle, 3 Extra Heavy Steel Hoops Finished in Gold Bronze, Galvanized Tub Trimmings, Gold Bronzed Fly Wheel **\$17.00**

Quality Washer is a trade winner. A class by itself. Beating price competition with quality. Runs easier and with less noise than any other washing machine.

Weight Each, Crated, About 95 Pounds.

Each



Cut Shows Quality Washing Machine Attached to Line Shaft.

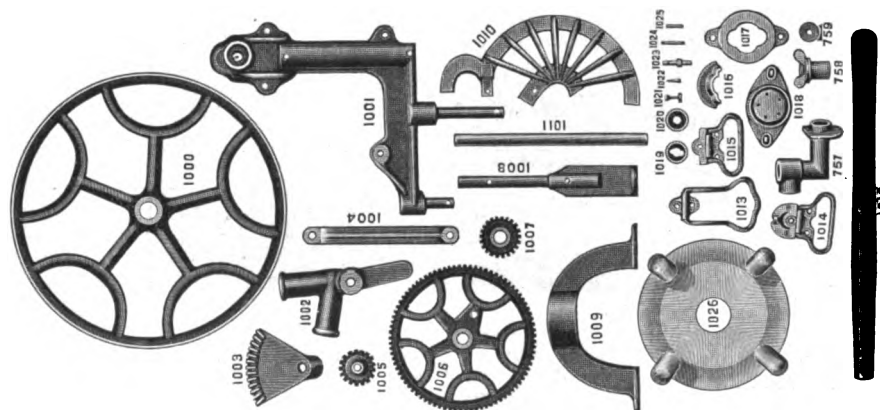
Pulleys—8 inch Diameter, 2 inch Face, Attached to Fly Wheel by Iron Clamps..... **\$1.50**

With this Pulley the Quality Washer can easily be attached to line shaft and operated by a gasoline or steam engine.

The Fly Wheel on Washer should make about 325 revolutions per minute in order to obtain the best results.

Weight Each 5 1/2 Pounds.

EXTRA PARTS FOR QUALITY WASHING MACHINE



	Each
No. 1000—Fly Wheel	\$3.50
No. 1001—Frame	3.00
No. 1002—Lever Socket	2.00
No. 1003—Gear	1.50
No. 1004—Connecting Rod .....	.20
No. 1005—Post Gear Wheel.....	.60
No. 1006—Speed Gear Wheel.....	3.00
No. 1007—Gear Wheel for Fly Wheel.....	2.00
No. 1008—Post .....	.50
No. 1009—Gear Cover .....	.60
No. 1010—Gear Cover	1.00
No. 1011—Gun Rod .....	.30
No. 1012—Lever Operating Handle.....	.20
No. 1013 and 1014—Lid Fastener .....	.30
No. 1015—Side Handle and Plate.....	.20
No. 1016—Small Dasher Collar.....	.10

	Each
No. 1017—Large Dasher Collar.....	\$0.20
No. 1018—Cap or Shield for Dasher.....	.20
No. 1019—Ball Bearing	1.00
No. 1020—Ball Bearing	1.00
No. 1021—Bolt for Fastening No. 1010.....	.04
No. 1022—Cotter Pin for Fastening No. 1004.....	.04
No. 1023—Pin for No. 1002 and No. 1006.....	.04
No. 1024—Spring Cotter for Fly Wheel Shaft.....	.04
No. 1025—Taper Pin for No. 1002 and No. 1003.....	.10
No. 1026—Inside Wheel or Dasher.....	.70
No. 1027—Cover for Tub (not Illustrated).....	1.00
No. 1028—Leg for Tub (not Illustrated).....	.20
No. 1029—Cross Piece for Legs (not Illustrated).....	.20
No. 1030—Rod for Legs (not Illustrated).....	.20
No. 757, 758 and 759—Spigot, Plug for Same, Washer for Same (not Illustrated).....	1.00

WASHING MACHINES

MAGIC MOTOR



Magic Motor—Family Size, Carefully Selected Louisiana Cypress Tub, Varnished, Corrugated Sides and Bottom, Brass Motor, Black Enameled Gear Guard, Bolted Hardwood Legs, Two-Ply Overlapping Lid, Galvanized Tub Trimmings, Three Extra Heavy Steel Hoops, Complete with Two Lengths of Wire Wound Hose. **\$23.00** Each

Magic Motors Only—With Post, Pin Wheel and Hose. **18.00**

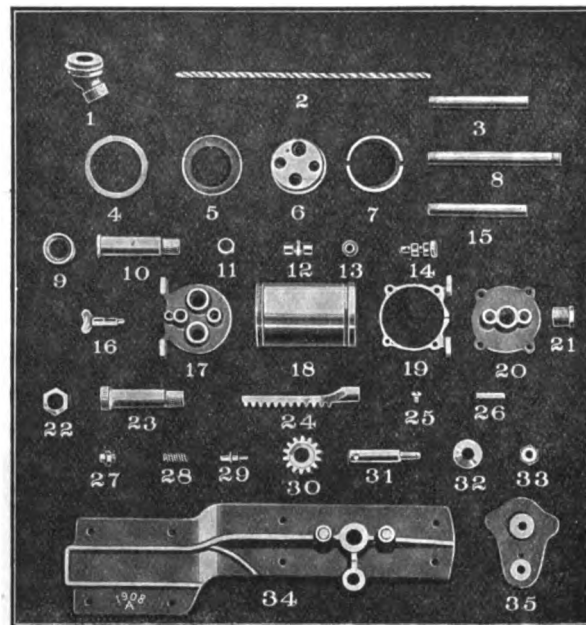
Will operate successfully under a pressure of 30 pounds or over.

The Motor is made of brass and is perfectly machined. There is no small parts to get out of order and all parts are easily accessible. A large roller keeps the rack bar, which operates the agitator shaft, firmly in line. The top of this roller is concaved slightly in order to retain a small quantity of oil, thus keeping the shaft upon which it turns constantly lubricated. There is but three places that require oiling on this Motor.

All working parts are carefully guarded so that there is not the least danger of the operator coming into contact with them.

Weight Each Crated 76 Pounds.

EXTRA PARTS FOR MAGIC MOTOR WASHING MACHINES



Each		Each	
No. 1—Royal Connection for Smooth Faucet.....	\$0.50	No. 20—Front Cylinder Head.....	\$1.70
No. 2—Piston Rod Packing.....	.10	No. 21—Packing Nut for Piston Rod.....	.30
No. 3—½ inch Exhaust Tube.....	.50	No. 22—Lock Nut.....	.20
No. 4—Cylinder Head Gasket.....	.10	No. 23—Inlet Pipe.....	1.00
No. 5—Cup Leather for Piston.....	.50	No. 24—Gear Rack.....	1.00
No. 6—Piston.....	2.00	No. 25—Brass Screw for Inlet Valve Seat Nut.....	.04
No. 7—Cup Leather Ring.....	.60	No. 26—Pin for Gear.....	.04
No. 8—½ inch Piston Rod.....	.60	No. 27—Hexagon Nut for Spring Pin.....	.20
No. 9—Hose Connection for Outlet Pipe.....	.20	No. 28—Spring.....	.20
No. 10—Outlet Pipe.....	1.00	No. 29—Spring Pin.....	.20
No. 11—Hexagon Inlet Valve Seat Nut.....	.30	No. 30—Gear.....	.70
No. 12—Inlet Valve.....	.50	No. 31—Roller Stub.....	.50
No. 13—Exhaust Valve Seat.....	.20	No. 32—Roller.....	.50
No. 14—Exhaust Valve.....	.50	No. 33—Hexagon Nut for Gear Guard.....	.10
No. 15—½ inch Tube.....	.50	No. 34—Base Casting for Motor.....	2.50
No. 16—Drain Plug.....	.20	No. 35—Gear Guard.....	.50
No. 17—Back Cylinder Head.....	2.00	No. 36—Inlet Hose, not Illustrated.....	1.20
No. 18—Cylinder.....	2.00	No. 37—Outlet Hose, not Illustrated.....	1.00
No. 19—Bracket Ring for Cylinder.....	1.00		

Note—When ordering Parts always state for which Machine Parts are wanted.

WASHING MACHINES

BRIGHT SPOT MOTOR



Bright Spot—Family Size, Selected Louisiana Red Cypress Tub, Moss Green Finish, Corrugated Sides and Bottom, Brass Motor, Fully Protected Gear Rack and Gear, Bolted Stave Legs which can be Removed when Necessary, Complete with Two 4 foot Lengths of Wire Wound Hose.....\$22.00

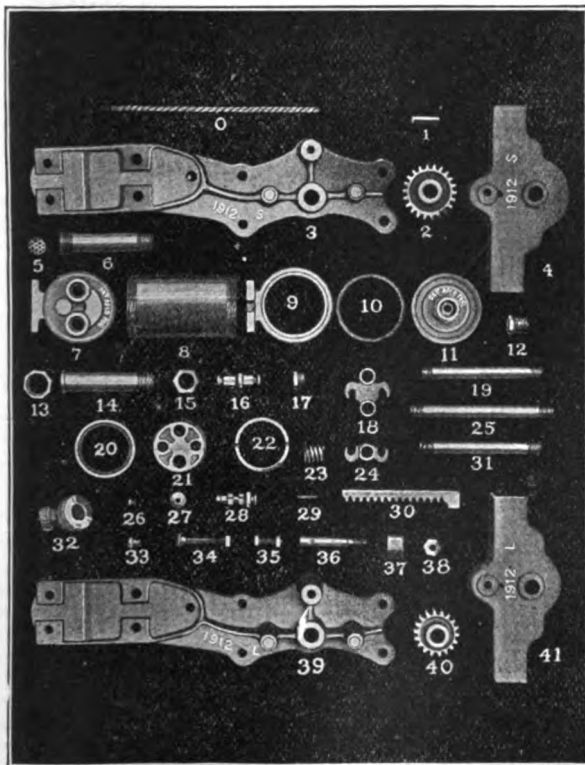
Bright Spot Motors Only—With Post, Pin Wheel and Hose.... 17.00

Will operate successfully under a pressure of 20 pounds or more. The motor is made of brass, thereby making it rust proof. Every part is carefully machined and tested.

It has top and bottom bearings for agitator shaft, with large roller at back of bar which is concaved on top to hold oil. This eliminates all friction and causes the motor to work easily and quickly.

An important feature of this machine is the safety dasher which prevents the tearing of clothes, allowing the finest fabrics to be washed without injury.

EXTRA PARTS FOR BRIGHT SPOT MOTOR WASHING MACHINE



	Each
No. 0—Piston Rod Packing.....	\$0.10
No. 1—Pin for Gear .....	.04
No. 2—Gear for Base (Marked 1912-S).....	.70
No. 3—Base Casting (Marked 1912-S).....	2.50
No. 4—Gear Guard (Marked 1912-S).....	.50
No. 5—Screen for Inlet Hose Pipe.....	.30
No. 6—Inlet Hose Pipe.....	1.00
No. 7—Back Cylinder Head.....	2.00
No. 8—Cylinder	2.00
No. 9—Bracket Ring	1.00
No. 10—Gasket for Front Cylinder Head.....	.10
No. 11—Front Cylinder Head.....	1.70
No. 12—Packing Nut for Piston Rod.....	.30
No. 13—Hose Connection for Outlet Pipe.....	.20
No. 14—Outlet Pipe	1.00
No. 15—Lock Nut for Inlet and Outlet Hose Pipe.....	.20
No. 16—Inlet Valve .....	.50
No. 17—Hexagon Inlet Valve Seat Nut.....	.30
No. 18—Back Valve Connection.....	.30
No. 19—½ inch Inlet Tube.....	.50
No. 20—Cup Leather for Piston.....	.50
No. 21—Piston	2.00
No. 22—Cup Leather Ring.....	.60
No. 23—Spring .....	.20
No. 24—Front Valve Connection.....	.30
No. 25—½ inch Piston Rod.....	.60
No. 26—Brass Screw for Inlet Valve Seat Nut.....	.04
No. 27—Exhaust Valve Seat.....	.20
No. 28—Exhaust Valve .....	.50
No. 29—Brass Pin for Exhaust Valve Seat.....	.04
No. 30—Gear Rack	1.00
No. 31—½ inch Exhaust Tube.....	.50
No. 32—Hose Connection for Smooth Faucet.....	.50
No. 33—Round Head Screw for Roller Stub.....	.02
No. 34—Bolt and Nut for Fastening Motor to Lid.....	.02
No. 35—Bolt and Nut for Fastening Motor to Base.....	.02

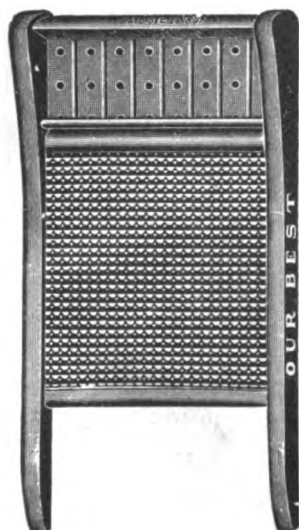
	Each
No. 36—Roller Stub	\$0.50
No. 37—Roller .....	.50
No. 38—Hexagon Nut for Gear Guard.....	.10
No. 39—Base Casting (Marked 1912-L).....	2.50
No. 40—Gear for Base (Marked 1912-L).....	.70
No. 41—Gear Guard (Marked 1912-L).....	.50
No. 42—Inlet Hose, not Illustrated.....	1.20
No. 43—Outlet Hose, not Illustrated.....	1.00

	Each
No. 44—Spigot, not Illustrated.....	\$0.10
No. 45—Wrench, not Illustrated.....	.10
No. 46—Lid Fastener, not Illustrated.....	.30
No. 47—Side Handle with Plate, not Illustrated.....	.20
No. 48—Small Collar for Dasher, not Illustrated.....	.10
No. 49—Large Collar for Dasher, not Illustrated.....	.20
No. 50—Cap or Shield for Dasher, not Illustrated.....	.20
No. 51—Inside Wheel or Dasher, not Illustrated.....	.70

Note—When ordering Parts, always state for which Machine Parts are wanted.

WASH BOARDS

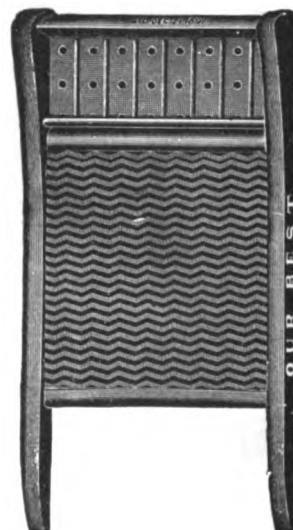
OUR BEST ZINC



- No. 172—10 7/8 x 12 inches, Extra Heavy Zinc Rubbing Surface, Globe Crimp, Heavy Ventilating Back, Soap Draining Metal Head, Weight Per Dozen 40 Lbs. **\$9.50**

One-half Dozen in a Bundle.

OUR BEST ENAMEL



- No. 173—10 7/8 x 12 inches, Heavily Coated Rich Blue Enameled Sheet Rubbing Surface, Flexible, Deep Angle Crimp, Extra Heavy Ventilating Back, Soap Draining Metal Head **\$9.50**

A perfect rubbing surface adapted to the washing of the finer as well as the coarser fabrics.

Weight Per Dozen 42 Pounds.

One-half Dozen in a Bundle.

BRASS KING

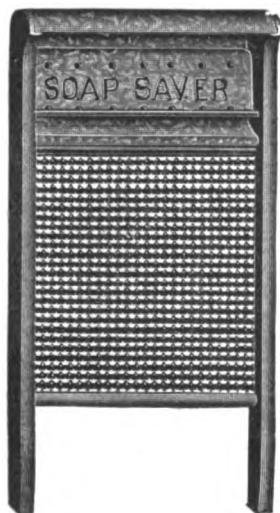
SOAP SAVER

BANNER GLOBE

ENAMEL KING



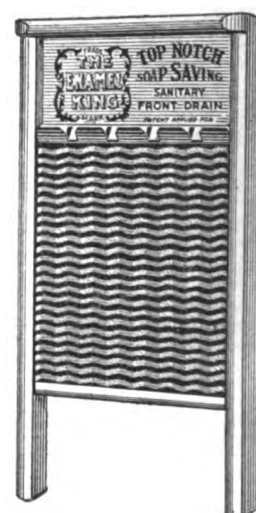
No. 801.



No. 722.



No. 652.



No. 870.

- No. 801—12 1/2 x 24 inches Over All, 10 7/8 x 11 inch Single Brass Rubbing Surface, Spiral Crimp, Open Back, Wide Head, Weight Per Dozen 29 Lbs. **\$11.50**
- No. 722—12 1/2 x 24 3/4 inches Over All, 10 7/8 x 12 inch Single Extra Heavy Zinc Rubbing Surface, Globe Crimp, Ventilating Back, Galvanized Iron Protector Top, Weight Per Dozen 40 Lbs. **9.50**

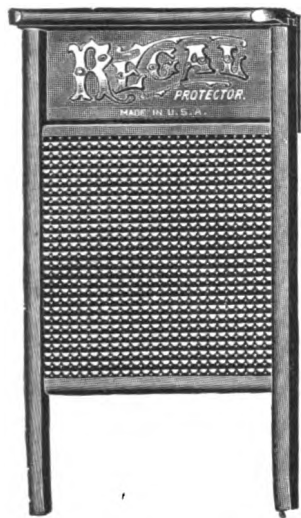
One-half Dozen in a Bundle.

- No. 652—12 1/2 x 24 inches Over All, 10 7/8 x 11 inch Double Zinc Rubbing Surface, Globe Crimp on One Side, Medium Plain Crimp on Other Side, Ventilating Back, Protector Top, Weight Per Dozen 35 Lbs. **\$9.50**
- No. 870—12 1/2 x 24 1/2 inches Over All, 10 7/8 x 12 1/2 inch Single Blue Enameled Rubbing Surface, Angle Crimp, Open Back, Wide Head, Weight Per Dozen 39 Lbs. **9.00**

One-half Dozen in a Bundle.

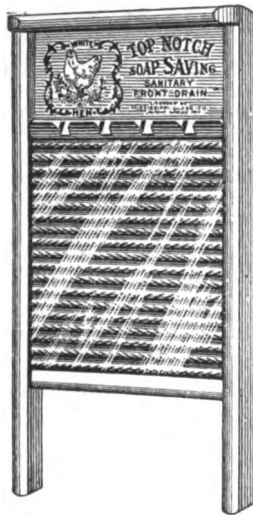
WASH BOARDS

REGAL



No. 710.

WHITE HEN



No. 862.

BANNER GLOBE



- Per Dozen
 No. 710—13 $\frac{1}{8}$ x 25 inches Over All, 12x13 inch Single Extra Heavy Zinc Rubbing Surface, Coarse Globe Crimp, Ventilated Back, Protector Top, Weight Per Dozen 41 Lbs.....\$8.20
 No. 862—12 $\frac{1}{2}$ x 24 $\frac{1}{2}$ inches Over All, 10 $\frac{7}{8}$ x 12 inch Selected Quality Extra Heavy Plate Glass Rubbing Surface, Spiral Crimp, Wide Head, Will Stand Hot or Cold Water, Weight Per Dozen 62 Lbs..... 8.00

One-half Dozen in a Bundle.

- Per Dozen
 No. 760—12 $\frac{1}{2}$ x 24 inches Over All, 10 $\frac{7}{8}$ x 11 inch Single Zinc Rubbing Surface, Ventilated Back, Protector Top, Weight Per Dozen 34 Lbs.....\$6.90
 One-half Dozen in a Bundle.

SILVER KING



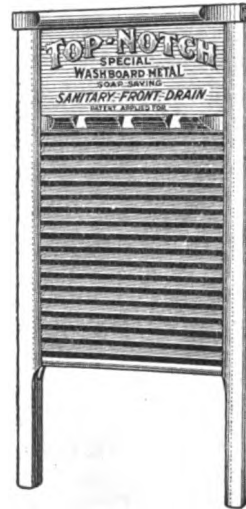
No. 824.

INVINCIBLE



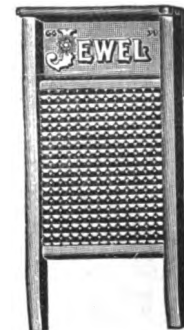
No. 825.

TOP NOTCH



No. 852.

JEWEL, PAIL SIZE



No. 797.

- Per Dozen
 No. 824—10 $\frac{3}{8}$ x 11 inches, Single Special Washboard Metal Rubbing Surface, Spiral Crimp, Open Back with 5 Truss Rods, Sanitary Front Drain, Weight Per Dozen 42 Lbs.....\$5.40
 No. 825—12 $\frac{1}{2}$ x 24 inches Over All, 10 $\frac{7}{8}$ x 11 inch Single Coated Steel Rubbing Surface, Globe Crimp, Ventilated Protector Top, Weight Per Dozen 34 Lbs..... 5.50

One-half Dozen in a Bundle.

- Per Dozen
 No. 852—12x21 inches Over All, 10x11 $\frac{1}{2}$ inch Double Special Washboard Metal Rubbing Surface, Plain Pencil Crimp, Solid Back, Fastened Together at Bottom with Metal Rod, Sanitary Front Drain, Weight Per Dozen 23 Lbs.....\$4.30
 No. 797—7 $\frac{3}{8}$ x 16 inches Over All, 5 $\frac{7}{8}$ x 7 $\frac{3}{4}$ inch Single Zinc Rubbing Surface, Globe Crimp, Plain Back, Protector Top, Weight Per Dozen 16 Lbs..... 3.00

One-half Dozen in a Bundle.

CLOTHES LINES

In Hanks, Connected.



	Per Dozen
No. 5—Hemp, Cable, $\frac{3}{8}$ inch Diameter, 3 Thread, Length 60 feet	\$3.50
No. 10—Jute, Twisted, $\frac{3}{8}$ inch Diameter, 3 Thread, Length 60 feet.....	3.30
No. 15—Sisal, Twisted, $\frac{3}{8}$ inch Diameter, 3 Thread, Length 50 feet.....	2.50
No. 20—Sisal, Twisted, $\frac{3}{8}$ inch Diameter, 3 Thread, Length 60 feet.....	2.75
No. 30—Cotton, Twisted, $\frac{3}{8}$ inch Diameter, 3 Thread, Length 60 feet.....	3.30
No. 40—Cotton, Braided, $\frac{3}{8}$ inch Diameter, 3 Thread, Length 60 feet.....	3.50
No. 50—Cotton, Braided Sash Cord, Length 50 feet...	6.75
No. 60—Silver Lake, Solid Braided Cotton, $\frac{3}{8}$ inch Diameter, Length 50 feet.....	9.50
One Dozen Hanks in a Bundle.	

GALVANIZED WIRE



Plain Wire, Galvanized.

	Per Dozen
No. 9—9 Gauge, Very Pliable, 100 feet in a Coil.....	\$7.50

HOLLOW CABLE WIRE

No. 1 No. 2 No. 3 No. 4 Twisted Annealed Galvanized Wire, Very Pliable.
100 feet in a Coil.

Nos.	1	2	3	4
Gauge of Wire.....	22	22	22	20
No. of Strands.....	7	9	12	11
Ave. Wt. Per Dozen, Lbs.	18	22	30	42
Per Dozen	\$5.50	6.25	8.00	9.00

Open Stock.

CLOTHES LINE REELS

LOWELL "EVER READY"



	Per Dozen
No. L.E.—Lowell Ever Ready, Stamped Steel Cabinet, Highly Decorated, Complete with 36 feet of Stout Braided Cord Clothes Line.....	\$5.00

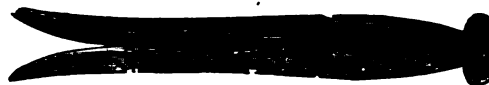
With this Reel the line remains out of the way, and is protected from the dust and steam-laden air of the kitchen or laundry. It has a pawl on left side to lock reel.

Weight Per Dozen 14 Pounds.

One Dozen in a Box.

CLOTHES PINS

COMMON



Hardwood.

	Per Box
No. 2060—Full Count, 5 Gross in a Box, Weight Per Box 22 Lbs.	\$1.40
Per Case	
No. 2024—Full Count, 24 in a Carton, 20 Cartons in a Case, Weight Per Case 16 Lbs.	\$1.50
No. 2030—Full Count, 30 in a Carton, 20 Cartons in a Case, Weight Per Case 20 Lbs.	1.90

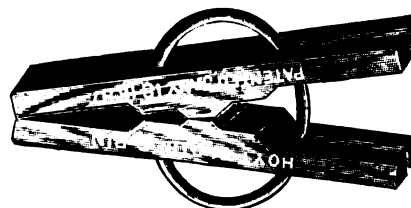
U. S.



Hardwood.

	Per Gross
U. S.—Wire Spring, Weight Per Gross 5 Lbs.	\$0.90
One Gross in a Box.	

HOYT'S

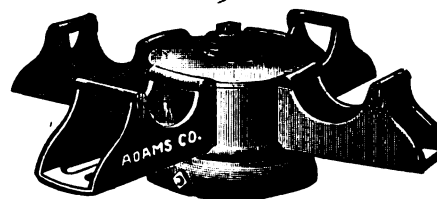


White Basswood.

	Per Case
No. 65—Galvanized Wire Springs, 3 Dozen in a Carton, Weight Per Case 20 Lbs.	\$3.70
Twenty Cartons in a Case.	

CLOTHES REEL CENTERS

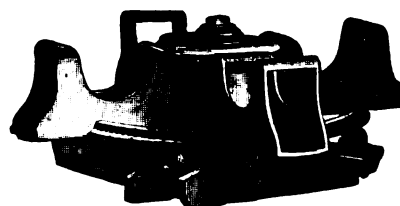
ADAMS'



Cast Iron, Japanned.

	Per Dozen
No. 4R—14 inch Diameter, 4 Arms, with Removable Cap and Bolt for Post.	\$22.00
Weight Per Dozen 175 Pounds.	
One-quarter Dozen in a Crate.	

ANTI-FRICTION

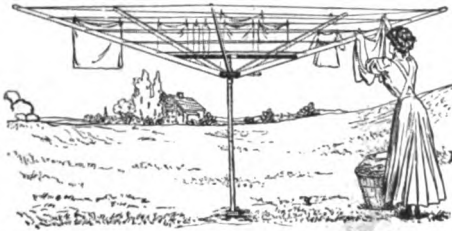


Cast Iron, Japanned.

	Per Dozen
No. 5R—15 inch Diameter, Anti-Friction Roller Bearings, Deep Socket Cap for Post.	\$25.00
Weight Per Dozen 252 Pounds.	
Open Stock.	

CLOTHES DRIERS

HILL'S CHAMPION FOLDING



Painted Selected Wood Arms, Best Cotton Line, Galvanized Malleable Iron Castings, Wood Ground Socket with Iron Cover.

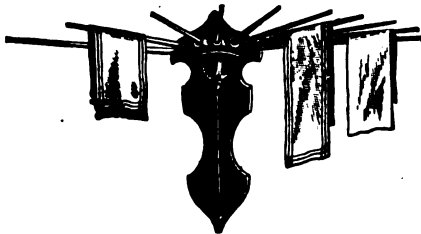
With Galvanized Steel Tubing Post.

- | | |
|--|---------|
| | Each |
| No. 1—Four 6 ft. Arms, 100 ft. Line, Wt. Ea. 40 Lbs. | \$11.00 |
| No. 2—Five 6 ft. Arms, 115 ft. Line, Wt. Ea. 43 Lbs. | 11.75 |
| No. 3—Five 7 ft. Arms, 150 ft. Line, Wt. Ea. 45 Lbs. | 13.50 |

The Reel is self-fastening and locks to post when in use, and being made separate, can be easily removed when not in use. The ground socket is fitted with iron cover which can be closed when post is taken out.

One in a Heavy Paper Package.

EMPIRE



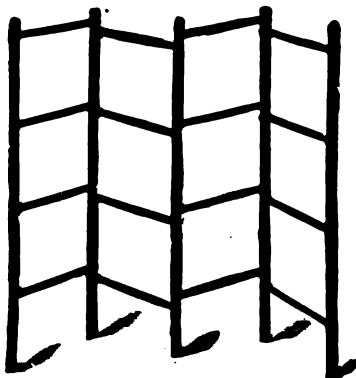
- | | |
|---|-----------|
| | Per Dozen |
| No. 1E—Ten 22 inch Hard Maple Arms, Galvanized Metal Parts, Varnished Wood Back, 18 foot Drying Space | \$9.50 |

So constructed that all of the arms spread or fold up at one movement.

Weight Per Dozen 60 Pounds.

One Dozen in a Box.

VALLEY

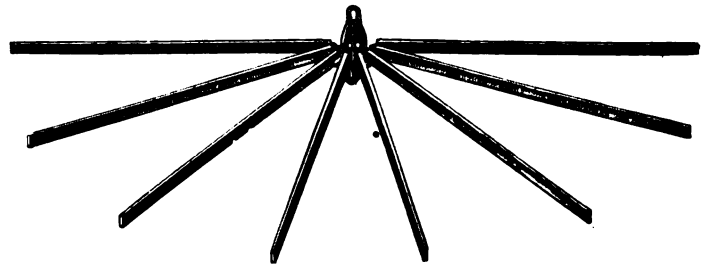


Hardwood Bars, Stained Cherry Posts, Screw Hook Hinges, Brass Ferrules.

- | | |
|---|-----------|
| | Per Dozen |
| No. 3½—4½ feet High, 3 Fold, 12 Rods, Weight Per Dozen 120 Lbs. | \$14.00 |
| No. 1½—5½ feet High, 4 Fold, 16 Rods, Weight Per Dozen 148 Lbs. | 20.00 |

One Dozen in a Crate.

FEDERAL

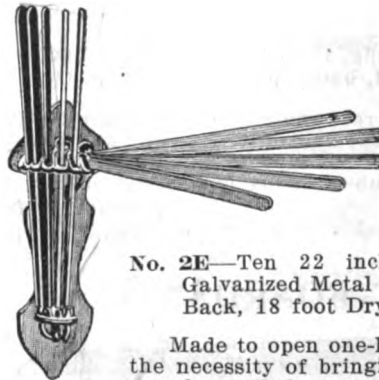


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|--|-----------|
| | Per Dozen |
| No. 8—Eight 24 inch Hardwood Arms, Equal to 16 feet of Clothes Line, 5 ½ x 2 inch Nickel Plated Polished Steel Bracket | \$2.90 |

Each arm works independently, can be folded when not in use.

Weight Per Dozen 17½ Pounds.

One Dozen in a Bundle.



- | | |
|---|-----------|
| | Per Dozen |
| No. 2E—Ten 22 inch Hard Maple Arms, Galvanized Metal Parts, Varnished Wood Back, 18 foot Drying Space | \$9.50 |

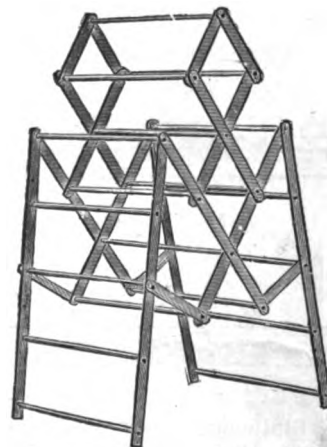
Made to open one-half at a time, thus obviating the necessity of bringing into use more arms than may be needed.

Weight Per Dozen 60 Pounds.

One Dozen in a Box.

CLOTHES RACKS

ROME CITY



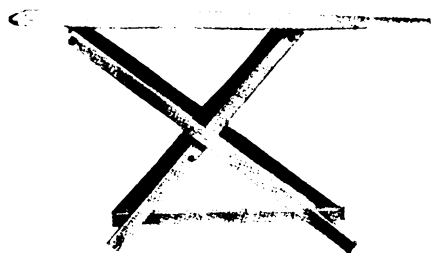
- | | |
|--|-----------|
| | Per Dozen |
| No. 10—White Basswood, 57 feet Hanging Surface, ¾ inch Diameter Rungs, ½ x 1½ inch End Pieces, Height Open 60 inches, Height Closed 69 inches, Width Open 43 inches, Width Closed 9 inches | \$18.00 |

Weight Per Dozen 132 Pounds.

One-quarter Dozen in a Crate.

IRONING TABLES

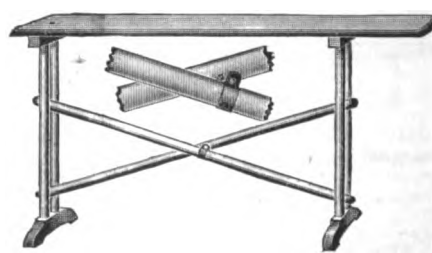
I. X. L.



No. 10—58 inches Long, 13 inches Wide, Basswood
Top, Hardwood Legs, Adjustable from 32 to 38
inches High \$20.00
Weight Per Dozen 180 Pounds.
Open Stock.

Per Dozen

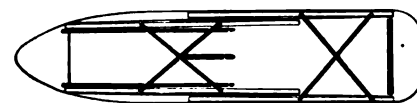
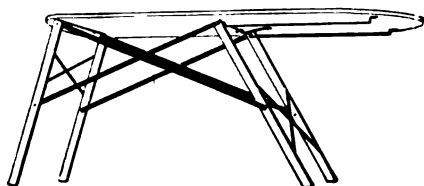
NEW JEWEL



New Jewel—5 foot Top Board, Double Hardwood Stand-
ards, Steel Automatic Lock, Very Strong, Firm and
Wide \$25.00
Weight Per Dozen 200 Pounds.
Open Stock.

Per Dozen

GENEVA



Cut Shows Table Folded.

Geneva—Large Top, 5 feet Long, 15 inches Wide, Well Machined Birch Legs, Extra Strong Black Enamelled Steel Braces. . . \$31.50
The top is well shaped, built up from narrow pieces, taper dovetailed and glued together, much stronger than solid board, will not warp or twist.

Per Dozen

The legs are set at correct angle to afford greatest rigidity and freedom from spring and give and creep.

It has ample room at the end to iron a shirt and it will not tip from weight at small end. The legs fold toward each other and when the table is folded they do not project to invite injury or cause annoyance in handling. The table folded is only 3 inches thick and the sub-structure is entirely under and within the area of the top.

Weight Per Dozen 204 Pounds.

One-sixth Dozen in a Box.

SKIRT BOARDS



No. 5—5 feet Long, White Basswood. \$11.00

Per Dozen

Weight Per Dozen 95 Pounds.

Open Stock.

SLEEVE BOARDS



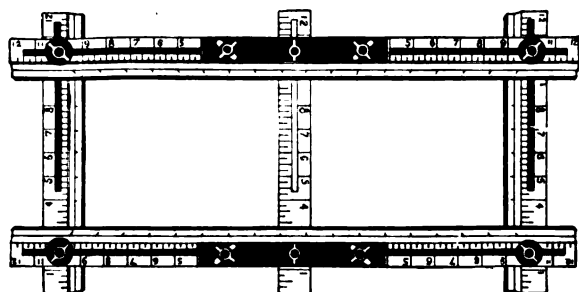
No. 4—Basswood, Hardwood Block Top, 26 1/2 inches
Long, 6 1/2 inches Wide Tapering to 3 inches Wide at
End, Bottom 26 1/2 inches Long, 6 1/4 inches Wide
Tapering to 2 1/4 inches Wide at End. \$8.00

Per Dozen

Weight Per Dozen 44 Pounds.

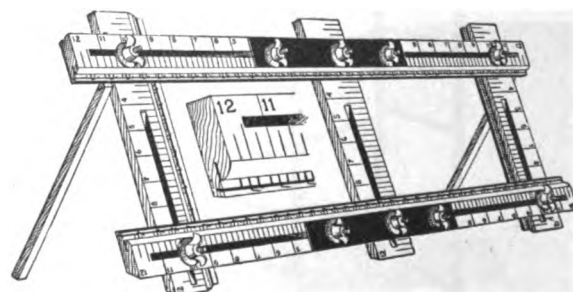
Open Stock.

CURTAIN STRETCHERS



No. 1—6x12 feet, Stationary Brass Wire Pins, Nickel
Plated, 2 inches Apart, Basswood Strips, Center
Brace, Marked in Inches and Quarters. \$19.00
Weight Per Dozen 100 Pounds.

Per Dozen



No. 13—6x12 feet, Adjustable Brass Wire Pins, Nickel
Plated, 1 inch Apart, Basswood Strips, Center
Brace, Marked in Inches and Quarters, without
Easel \$32.00
Weight Per Dozen 100 Pounds.

Per Dozen

The above Stretchers have stamped steel plate hinges for center connection of baked black enamel finish, flat head square neck carriage bolts that prevent turning when thumb nuts are loosened.

One-quarter Dozen in a Crate.

TROUSER AND SKIRT HANGERS

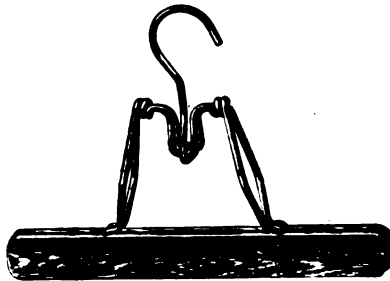
SET WELL



- No. 6—10 ½ inches Long, Best Quality Steel, Highly Polished and Nickel Plated, Hook Folds Down, Locked by a Thumb Nut.....\$1.90
 Weight Per Dozen 3 ½ Pounds.
 One Dozen in a Box.

Per Dozen

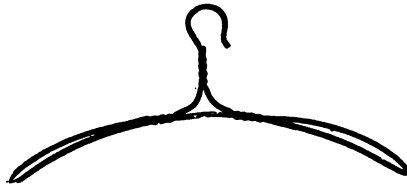
SET WELL



- No. 40—9 inches Long, Nicely Finished Felt Lined Wood Jaws, Highly Nickel Plated Best Steel Hook and Frame, Very Strong Locking Device, Will Hold Heavy as Well as Light Trousers.....\$3.00
 Weight Per Dozen 3 ¾ Pounds.
 One Dozen in a Box.

Per Dozen

TIN WELL



- No. 24—17 inches Long, 7 ¾ inches High, Best Spring Wire, Turned with Offset Hook to Allow for Coat Collar.....\$0.70
 Weight Per Dozen 2 ½ Pounds.
 One Dozen in a Package.

Per Dozen

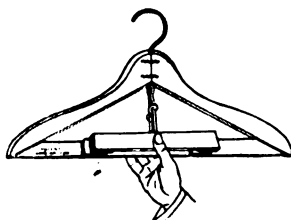
COAT OR CLOAK



- No. 1—17 inches Long Over All, White Waxed Finish, Hardwood Hanger, Coppered Wire Straight Hook...\$0.70
 Weight Per Hundred 30 Pounds.
 One Hundred in a Carton.

Per Dozen

JUNIOR COMBINATION SUIT



- No. 20—Junior Combination, 17 inch Coat Hanger, Hardwood Wax Finish, 8 inch Trouser or Skirt Hanger, Hardwood, Wax Finish, S Hook Lock, Felt Pads.....\$2.40
 The Coat Hanger is form fitting, preserves shape of garments, collar cannot touch wire.
 Weight Per Dozen 6 Pounds.
 One Dozen in a Box.

Per Dozen

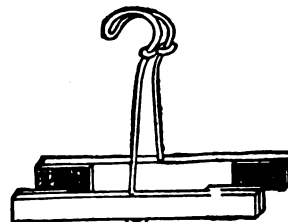
THE RUBY



- No. F68—9 inches Long, ¼ inch Heavy Hard Steel Spring Wire, Nickel Plated and Polished, Holds Three Garments.....\$1.60
 Weight Per Dozen 6 ¼ Pounds.
 One Dozen in a Box.

Per Dozen

FAULTLESS

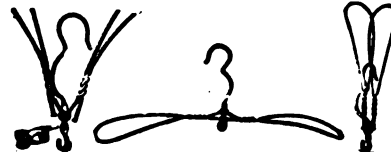


- No. 50—Faultless, 8 inches Long, Wax Finish Hardwood Jaws, Felt Padded, Nickel Plated Wire Hook, Sliding S Hook Lock.....\$1.20
 Weight Per Dozen 2 ½ Pounds.
 Two Dozen in a Carton.

Per Dozen

GARMENT HANGERS

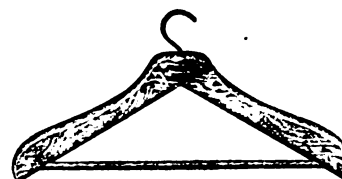
DEXTER



- No. 67—Folding, 17 inches Long Over All, No. 9 Gauge Nickel Plated and Polished Steel Wire, No. 6 Gauge Wire Offset Hook.....\$1.50
 Weight Per Dozen 4 Pounds.
 One Dozen in a Box.

Per Dozen

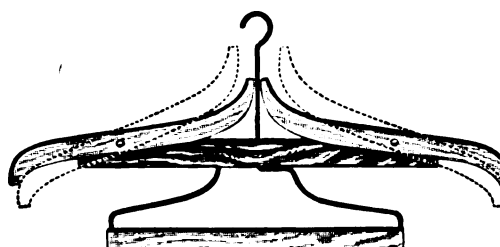
SUIT



- No. 8—17 inches Long Over All, White Waxed Finish Hardwood Hanger, Wood Cross Bar for Trousers, Tinned Wire Hook.....\$1.50
 Weight Per Hundred 57 Pounds.
 One Hundred in a Carton.

Per Dozen

PERFECTO SUIT



- No. 1P—18 ½ inch Coat Hanger, Hardwood Pivoted Arms, 13 ¼ inch Hardwood Trouser Rack, Coppered Wire Vest Hanger, 11 ¾ inches High Over All.....\$4.80
 Weight Per Dozen 9 ½ Pounds.
 One Dozen in a Box.

Per Dozen

The arms adjust themselves automatically to conform with any shape shoulders.

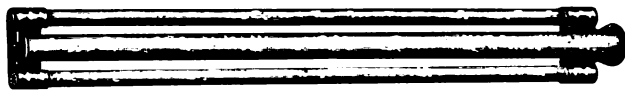
TOWEL ROLLERS



- No. 5—1½ x 18 inch Roller, 2½ x 19½ inch Open Rack,
Natural White Wood, Sand Finish\$1.30

Weight Per Dozen 13 Pounds.

One Dozen in a Carton.



- No. 9—18 inch Roller, Maple, Smooth Finish, Varnished,
Nickel Plated Metal Ends.....\$2.40

One Dozen in a Crate.

TOWEL RACKS



- No. 8—Three Arms, Wood Back, Varnished, Tinned
Clothes Hooks\$2.00

Weight Per Dozen 5½ Pounds.

Three Dozen in a Box.

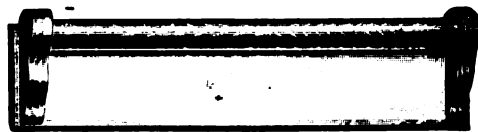
HAT AND COAT RACKS



- No. 4—21 inches Long, Hardwood, Oil Finish, 4 Ja-
panned Iron Hooks.....\$2.00

Weight Per Dozen 9 Pounds.

One Dozen in a Bundle.



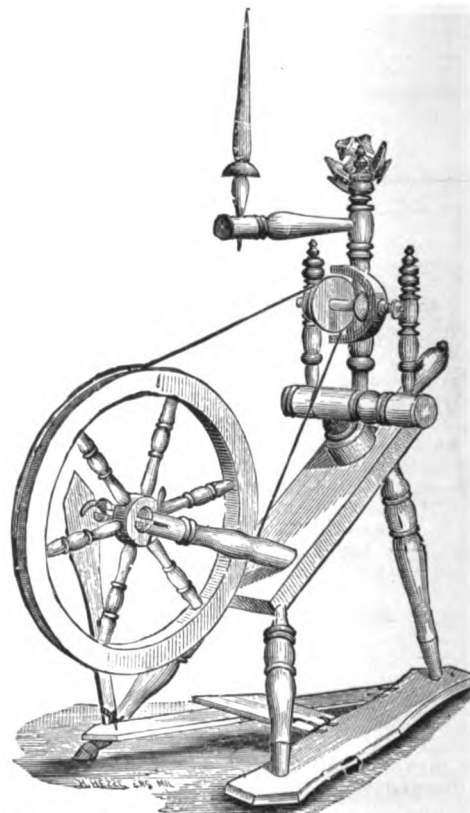
- No. 4—5½ x 20 inch Roller, Polished Ash, Solid Back...\$2.40

Weight Per Dozen 23 Pounds.

One Dozen in a Crate.

SPINNING WHEELS

GERMAN



- German—Hardwood, for Flax or Wool, Complete with
Four Spools\$7.50

Each

Weight Each 12 Pounds.

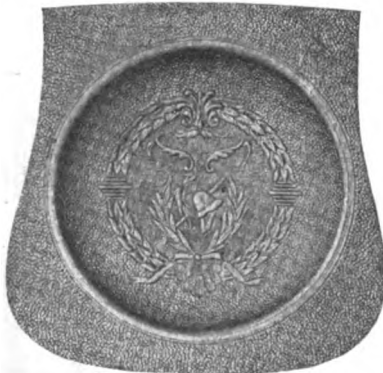
CHAIR SEATS

FIBRE

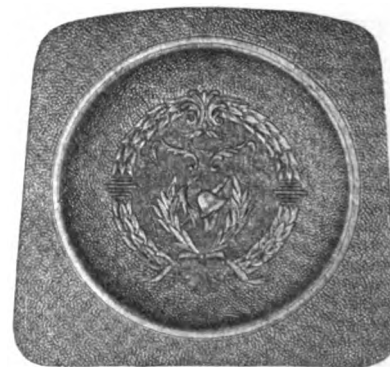
In the Manufacture of this Line of Chair Seats the Very Best Quality of Fibre Board is Used, Specially Finished.



No. 101—Ball Top.



No. 117—Ball Top.



No. 116—Diner.

BALL TOP, TUFTED

No. 101—Colors, Tan or Black.

Size, Inches	12	13	14	15	16
Wt. Per Dozen, Lbs..	4	5½	7	8	9
Per Dozen	\$1.16	1.24	1.32	1.40	1.50

DINER TUFTED

No. 108—Colors, Tan or Black.

Size, Inches	12	13	14	15	16
Wt. Per Dozen, Lbs..	3¾	4¾	5¾	7½	8½
Per Dozen	\$1.16	1.24	1.32	1.40	1.50

One Dozen in a Package.

BALL TOP, DISHED

No. 117—Colors, Tan or Black.

Size, Inches	12	13	14	15	16
Wt. Per Dozen, Lbs..	4	5½	7	8	9
Per Dozen	\$1.16	1.24	1.32	1.40	1.50

DINER, DISHED

No. 116—Colors, Tan or Black.

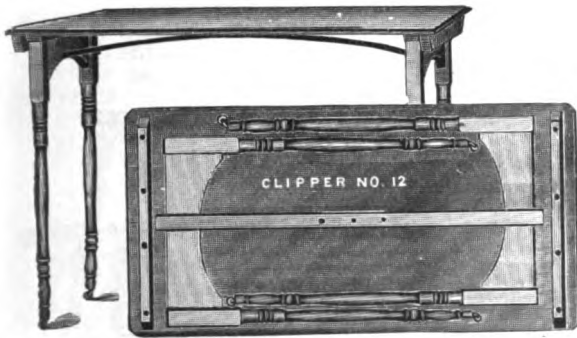
Size, Inches	12	13	14	15	16
Wt. Per Dozen, Lbs..	3¾	4¾	5¾	7½	8½
Per Dozen	\$1.16	1.24	1.32	1.40	1.50

One Dozen in a Package.

Note—In Ordering, State Size and Color Wanted.

FOLDING TABLES

CLIPPER

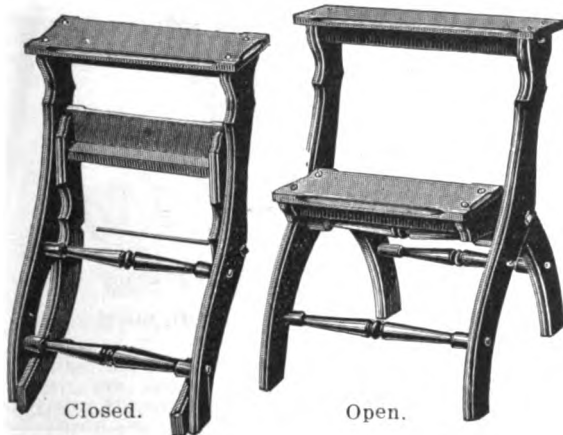


No. 5—18x36 inch Ash Top, 25 inches High, Hardwood Turned Legs, Strong Wooden Spring, Varnished, with Yard Measure. **Per Dozen \$18.00**

Weight Per Dozen 174 Pounds.

One-half Dozen in a Crate.

PANTRY STEPS



Closed.

Open.

No. 5P—Pantry Steps, 2 feet High, Whitewood, Varnished **Each \$4.00**
Strong and substantial, steps fold in, for stores, offices and Households.

Weight Each 10 Pounds.
One in a Package.

FOLDING STEPS



Folding Step Closed.



Folding Step Open.

No. 10—Folding Steps, 2 feet High, Hardwood..... **Each \$3.00**

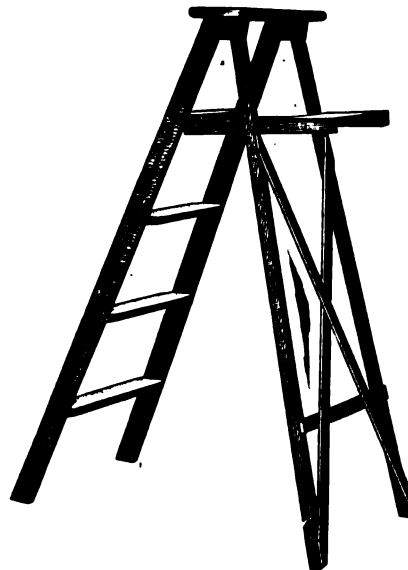
A household necessity, made entirely of hardwood and is never idle or in the way, is always working either as a ladder or a chair and is constructed along such proper mechanical lines that it is entirely trustworthy as either ladder or chair.

Weight Each 10 Pounds.

One in a Package.

STEP LADDERS

UDELL'S EUREKA



With Shelf.

Clear Yellow Pine, Slotted Stiles, Japanned Stamped Steel Brackets Securely Attached to Wide Top and Stiles and Extending Around Legs to Prevent Spreading, Steps let into Stiles with Gain and Securely Fastened, Automatic Lock Shelf.

Length, Feet	5	6	7	8
Wt. Each, Lbs.	11	15	17	21
Per Foot	\$0.20	.20	.20	.20

COMPETITION

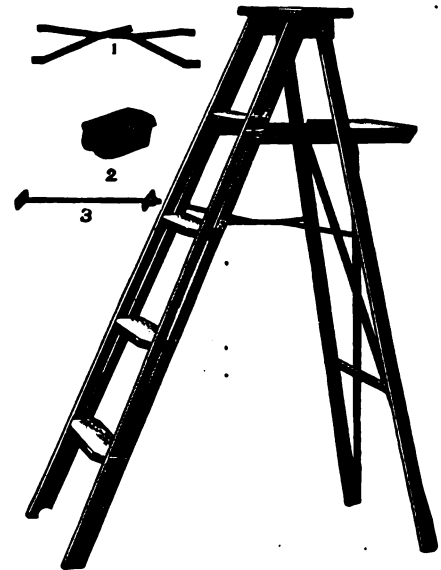


Without Shelf.

Norway Pine, Stamped Steel Bracket Securely Attached to Top and Stiles, Extending Around Legs to Prevent Spreading. Steps let into Stiles with Gain and Fastened with Patent Barbed Wire Nails, Oil Painted to Prevent Warping.

Length, Feet	4	5	6
Wt. Each, Lbs.	9	11	15
Per Foot	\$0.17	.17	.17

UDELL'S DAISY



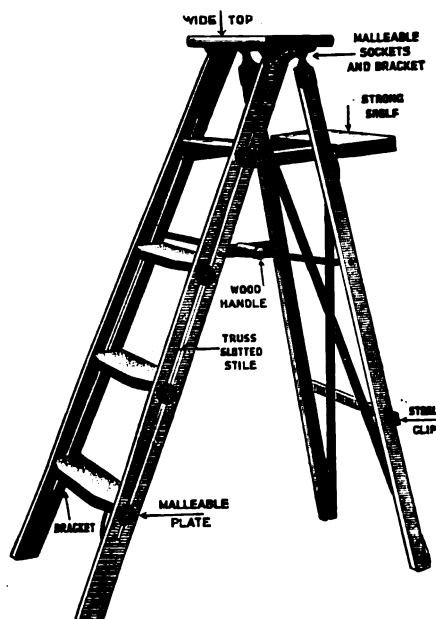
With Shelf.

Well Seasoned Clear White Stock, Slotted Stiles, Stamped Steel Bracket Extending Around Legs and Attached to Wide Top and Stiles, Iron Rod Under Each Step Held in Place by Rod Plates, Four Way Brace Riveted to Ladder, Steps Let into Stiles with Gain and Securely Fastened.

Length, Feet	5	6	7	8
Wt. Each, Lbs.	12	15	18	21
Per Foot	\$0.34	.34	.34	.34

STEP LADDERS

UDELL'S REX

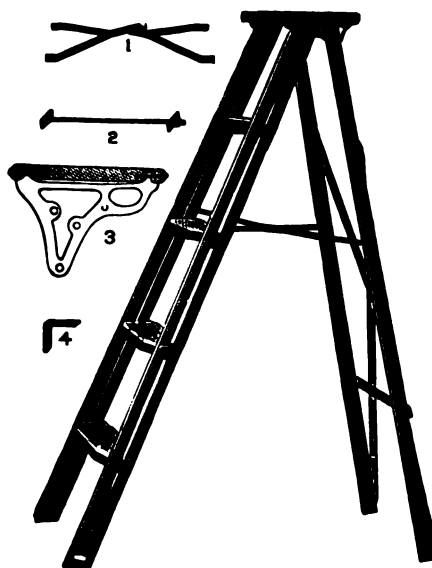


With Shelf.

Clear Yellow Pine, Malleable Socket and Bracket, Truss Slotted Stiles with Wide Steps and Rod Under Each with Round Malleable Plates to Keep from Spreading, Step Bracket Under Bottom Step, Malleable Brace Between Legs with 5 inch Wood Handle, 7 inch Top.

Length, Feet	5	6	7
Wt. Each, Lbs. . . .	16	18	22
Per Foot	\$0.44	.44	.44
Length, Feet	8	10	12
Wt. Each, Lbs. . . .	27	40	45
Per Foot	\$0.44	.44	.52

UDELL'S UNIQUE

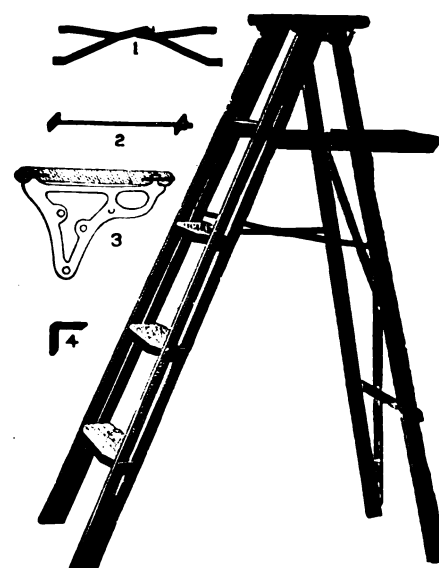


Without Shelf.

Clear Norway Pine, Malleable Bracket, Steel Folding Brace, Iron Rod Under Every Step to Prevent Stiles from Spreading, Stamped Steel Braces Fitted to Legs and Strips to Prevent Splitting.

Length, Feet	4	5	6	7
Wt. Each, Lbs. . . .	12	15	19	22
Per Foot	\$0.36	.36	.36	.36
Length, Feet	8	10	12	
Wt. Each, Lbs. . . .	25	38	44	
Per Foot	\$0.36	.36	.44	

UDELL'S UNIQUE



With Shelf.

Clear Norway Pine, Malleable Bracket, Steel Folding Brace, Iron Rod Under Every Step to Prevent Stiles from Spreading, Stamped Steel Braces Fitted to Legs and Strips to Prevent Splitting, Strongly Constructed Shelf Attached with Bolts.

Length, Feet	4	5	6	7
Wt. Each, Lbs. . . .	12	15	19	22
Per Foot	\$0.38	.38	.38	.38
Length, Feet	8	10	12	
Wt. Each, Lbs. . . .	25	38	44	
Per Foot	\$0.38	.38	.46	

LADDERS

STANDARD LONG

Clear Norway Pine, Second Growth Hickory Rungs, Water-tight Joints, Strongly Braced.

Length, Feet	10	12	14	16	18	20
Weight Each, Lbs. .	25	30	35	40	45	50
Per Foot	\$0.24	.24	.24	.24	.24	.24

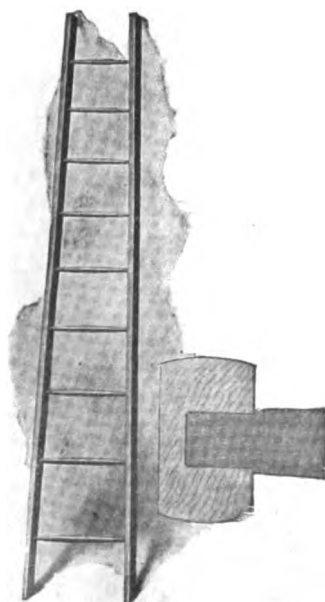
EXTENSION

Clear Lumber, Spoke Hickory Rounds, with Square Shouldered Tenoned into Sides, Double Roller Coupler, Malleable Iron Hooks.

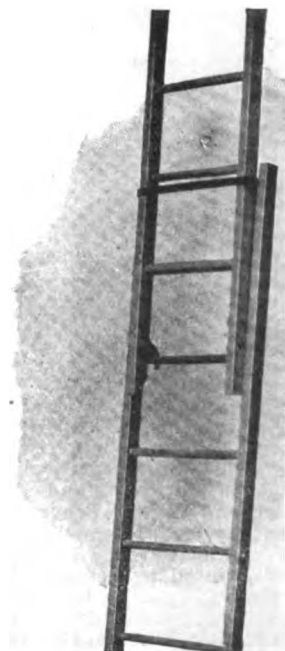
Length, Feet	24	26	28	30	32
Weight Each, Lbs. .	60	65	70	75	80
Per Foot	\$0.28	.28	.28	.28	.28
Length, Feet	34	36	38	40	
Weight Each, Lbs. .	102	108	114	120	
Per Foot	\$0.30	.30	.30	.30	

Bottom section is constructed with spread, commencing five feet from lower end and having a spread of 5 inches, preventing ladder from tipping over.

Each rung is let into the rail 1 inch with tenon, and secured with 8D casing nails driven edgewise into the rail and rung cannot separate. This prevents twisting tendencies.



Standard Long.



Extension.

VEGETABLE CUTTERS

Per Dozen

No. 601—3½x12 inches, 1
Adjustable Steel Knife,
White Maplewood, Weight
Per Dozen 6 Lbs. \$2.00
One Dozen in a Carton.



FANCY FRUIT AND VEGETABLE SLICERS



Cut Showing Plain Side Up. Cut Showing Fluted Side Up.
Per Dozen

No. 604—St. Regis, 4¼x13½ inches, Fluted Knife, Extra Finish Hardwood Frame, Weight Per Dozen 13 Lbs. \$3.60
Loosen wing nut and handle pulls out. Plain side up, cuts plain and perforated flutings. Fluted side up, cuts shoe strings and slaw.
One Dozen in a Carton.

SLAW CUTTERS

YPSILANTI



Maple Wood, Adjustable Tempered Steel Knives.

Per Dozen

No. 10—One Bright Steel Knife, 6¼x16½ inches, Weight Per Dozen 28 Lbs. \$3.00
No. 20—Two Best Steel Knives, 6¼x18 inches, Weight Per Dozen 30 Lbs. 4.00
No. 30—Three Bright Steel Knives, 7x21 inches, A Quality, Heavy Construction, Weight Per Dozen 35 Lbs. 9.00
One Dozen in a Crate.

PHILADELPHIA PATTERN

Heavy, Extra Quality, Kiln Dried White Maple Frame, Adjustable Tempered Steel Knives.



No. 628
Number of Knives 2
Size, Inches. 7x18
Wt. Per Doz., Lbs. 34
Per Dozen \$8.00

One-half Dozen in a Carton.
SANITARY, METAL BED



No. 632.

Kiln Dried White Maple Frame, Metal Bed, Triple Coated, Adjustable Tempered Steel Knives, Improved Adjustment.
Nos. 631 632
Number of Knives. 1 2
Size, Inches. 6½x18 6½x19½
Weight Per Dozen, Lbs. 27 30
Per Dozen \$6.00 7.60
One-half Dozen in a Carton.

STRICTLY SANITARY



Selected Close-Grained Black Walnut Frame, Pure Paraffin Finish, Pure Fire-Polished Vitrolite Bed, Adjustable Best Quality Carbon Steel Knives, Finely Ground, Sharpened and Polished, Nickel Plated Screws.

Nos. 635 636
Number of Knives. 1 2
Size, Inches. 6½x18 6½x19½
Weight Per Dozen, Lbs. 80 85
Per Dozen \$21.60 25.92
One-Quarter Dozen in a Box.

Vitrolite set in bottom of Strictly Sanitary Slaw and Kraut Cutters is a Germanic structural product of a beautiful deep rich white color, like statuary marble but much greater tensile strength. It is absolutely non-porous, therefore strictly sanitary. Will not stain, discolor nor deteriorate.

KRAUT CUTTERS

INDIANAPOLIS SANITARY

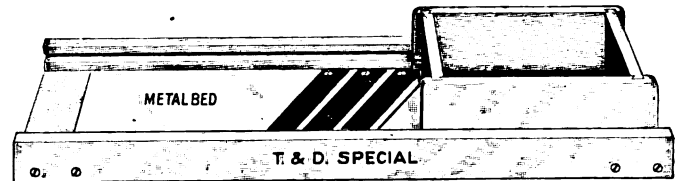


Kiln Dried Sugar Maple Frame, Sliding Box and Safety Lid, Metal Bed, Triple Coated with Pure Block Tin, Adjustable Tempered Steel Knives, 45° Shear.

Nos.	642	643	645	648
Number of Knives.	2	3	3	4
Size, Inches.	9x27	9x29	11x33	13x42
Weight Per Dozen, Lbs.	90	100	140	285
Per Dozen	\$18.00	21.60	32.40	64.80

Nos. 642 to 645, One-quarter Dozen in a Carton; No. 648, One-quarter Dozen in a Crate.

SPECIAL SANITARY

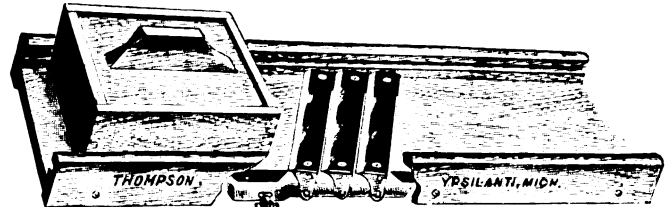


Kiln Dried Sugar Maple Frame and Sliding Box, Metal Bed, Triple Coated with Pure Block Tin, Adjustable Tempered Steel Knives, 24° Shear.

Nos.	672	673
Number of Knives.	2	3
Size, Inches.	9x24	9x25
Weight Per Dozen, Lbs.	80	85
Per Dozen	\$15.60	18.00

One-quarter Dozen in a Crate.

YPSILANTI

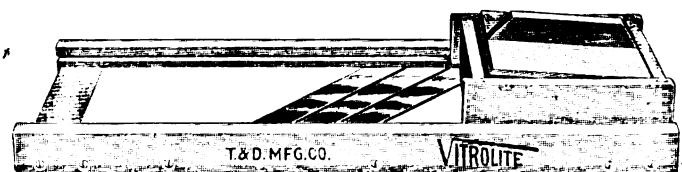


Extra Quality Sugar Maple Frame and Sliding Box, Adjustable Tool Steel Knives, Red Enamelled with Polished Cutting Edge.

Nos.	50T	55T	65T	75T
Number of Knives.	2	3	3	4
Size, Inches.	8x26	8x26	9x30	12x36
Weight Per Dozen, Lbs.	100	100	160	250
Per Dozen	\$16.80	20.00	30.00	60.00

The knives all set in one operation, enabling the thickness of cut to be changed instantly. Knives held firmly in position by lock nut and can be sharpened without removing.
One-half Dozen in a Crate.

STRICTLY SANITARY



Selected Close Grained Black Walnut Frame, Pure Paraffin Finish, Pure Fire-Polished Vitrolite Bed, Adjustable Best Quality Carbon Steel Knives, Finely Ground, Sharpened and Polished, Nickel Plated Screws.

Nos.	662	663	665
Number of Knives.	2	3	3
Size, Inches.	9x27	9x29	11x33
Weight Per Dozen, Lbs.	180	200	280
Per Dozen	\$38.40	43.20	64.80

One-quarter Dozen in a Box.

CHURNS

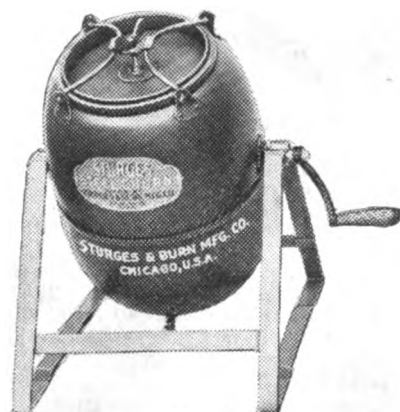
STURGES ALL STEEL

All Steel, not a Piece of Wood About it, Churn is Finished with Blue Enamel Paint on Outside, Heavily Tinned Inside, Cork Lined Cover, Malleable Iron Trunnions, Steel Welded Frame Furnished with Red Enamel Paint. No Bolts or Rivets Used.

Nos.	1	2	3
Size, Gallons	5	7	10
Churning Capacity, Gals. .	$\frac{1}{2}$ to $2\frac{1}{2}$	1 to $3\frac{1}{2}$	1 to 5
Height to Trunnion, In. .	11	24	24
Shipping Wt. Each, Lbs. .	18	30	36
Each	\$5.00	6.50	7.25

The making of these Steel Churns is an achievement never before accomplished, and promises to result in supplanting the wooden churn, just as steel cars and buildings have taken the place of wooden. A Steel Churn is sanitary; milk cannot soak into steel; there is no place for microbes to lodge; no seams to open up, or hoops to drop off in the sun. Steel makes it long-lived, for with care it will last a life-time.

One in a Crate.



No. 1.

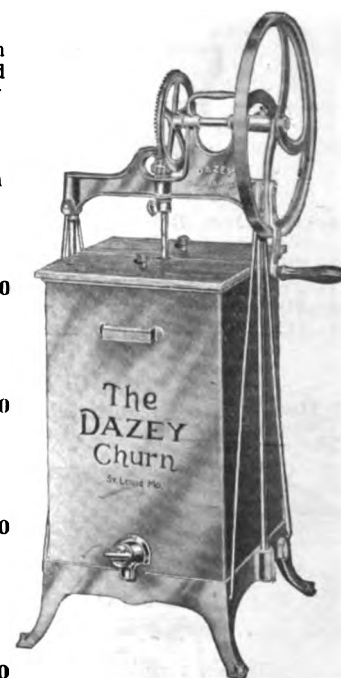


Nos. 2 and 3.

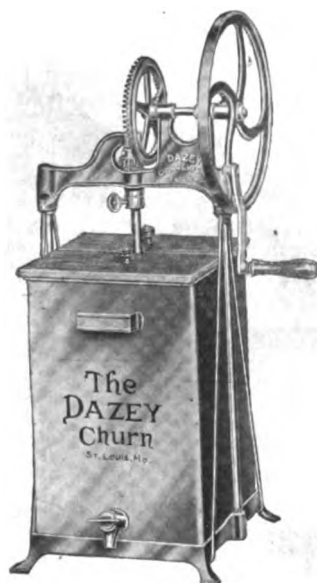
DAZEY

Triple Plated Charcoal Tin Receptacle, Finished Outside in Blue Enamel and Aluminum Lettering, Seasoned White Hard Maple Cover and Dasher, Cast Iron Gears, Nickeled Sanitary Faucet, Receptacle Free from Frame, Dasher Adjustable Up or Down, Steel Frame, Steel and Cast Parts Finished with Two Coats of Aluminum Bronze.

No. 400—Capacity 4 Gallons, Churning Capacity 3 Gallons, Base Spread 11 inches, 27 inches High Over All, Ratio of Gears 4 to 1, Diameter of Fly Wheel 10 inches, Should be Turned at About 70 Revolutions Per Minute, Weight Each 16 Lbs.	Each \$ 6.50
No. 600—Capacity 6 Gallons, Churning Capacity 4 Gallons, Base Spread 12 inches, 31 inches High Over All, Ratio of Gears 4 to 1, Diameter of Fly Wheel $11\frac{1}{2}$ inches, Should be Turned at About 70 Revolutions Per Minute, Weight Each 27 Lbs.	7.50
No. 1000—Capacity 10 Gallons, Churning Capacity 7 Gallons, Base Spread 15 inches, 39 inches High Over All, Ratio of Gears 4 to 1, Diameter of Fly Wheel 14 inches, Should be Turned at 70 to 80 Revolutions Per Minute, Weight Each 40 Lbs.	13.00
No. 1600—Capacity 16 Gallons, Churning Capacity 12 Gallons, Base Spread 19 inches, 47 inches High Over All, Ratio of Gears 4 to 1, Diameter of Fly Wheel $16\frac{1}{2}$ inches, with Crowned Face, Should be Turned About 70 Revolutions Per Minute, Weight Each 70 Lbs.	24.00



Nos. 1000 and 1600.



Nos. 400 and 600.

The powerful dasher, aided by the square corners of receptacle, produces a scientific agitation, making it possible to separate the butter-making properties in from three to ten minutes.

The dasher is adjustable, therefore when drawn to top of cream (point of least resistance) the Dazeley runs as light as a small churn.

Working of butter is practically eliminated by the Dazeley, because the globules in building up in their natural condition have squeezed out all the milk and are formed into hard, uniform size grains. To wash off outside of grains is all that is necessary.

One in a Crate.

DAZEY GLASS

Clear Glass Jar, Nickel Plated Steel Screw Top, Seasoned White Maple Dasher, Tinned Steel Dasher Rod, One Piece Cast Frame, Natural Finished Wood Handle, Double Aluminum Coated Castings.

Nos.	10	20	30	40
Capacity, Quarts	1	2	3	4
Churning Capacity, Quarts	$\frac{1}{2}$	1	$1\frac{1}{2}$	2
Height Over All, Inches	11	12	13	14
Weight Per Dozen, Lbs.	85	85	120	130
Per Dozen	\$18.50	26.00	31.00	42.80

Six in a Case.

EXTRA JARS

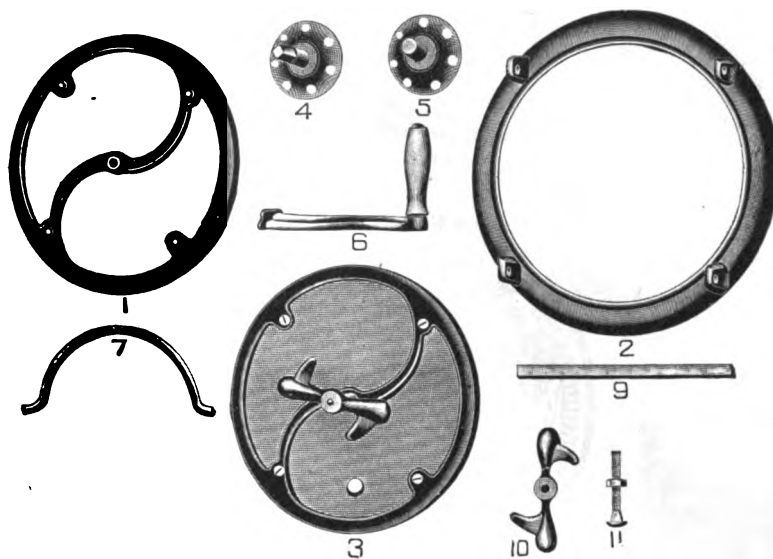
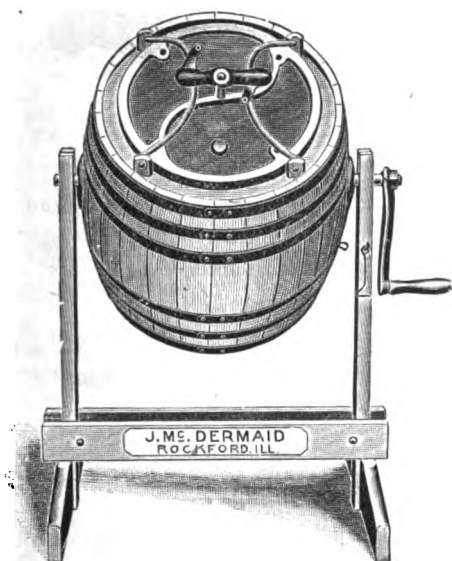
Nos.	10J	20J	30J	40J
For Churns Nos.	10	20	30	40
Weight Per Dozen, Lbs.	40	65	90	90
Per Dozen	\$3.60	6.00	8.40	12.00

Open Stock.



CHURNS

BELLE



Best Quality White Oak, Thoroughly Seasoned and Kiln Dried,
Galvanized Iron Rim and Head, Steel Balls,
Malleable Iron Ears.

With Frame.						
Nos.	0	1	2	3	4	5
Gallons	6	10	15	20	25	35
To Churn, Gals.	1 to 3	1 to 5	1 to 7	2 to 10	2 to 12	3 to 17
Weight, Lbs.	27	33	38	46	73	80
Each	\$8.00	9.00	10.00	11.00	14.00	16.00

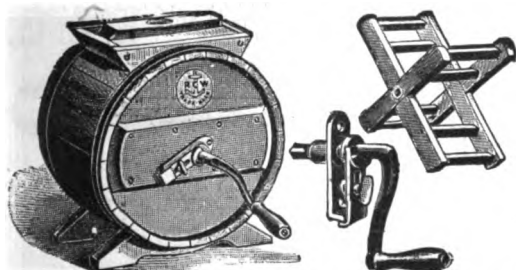
Large Size, for Power.				
Nos.	6	7	8	9
Gallons	50	60	80	100
To Churn, Gallons.	5 to 25	6 to 30	7 to 37	10 to 50
Weight, Lbs.	80	100	120	150
Without Frame	Each, \$22.00	26.00	35.00	40.00
Frames, Extra, Net.	Each, 4.80	4.80	4.80	4.80

Pulleys, for Power Churns.			
Diameter, Inches	12	14	18
Single	Each, \$1.50	2.00	2.50
Double	Each, 3.00	4.00	5.00
Pulley Shafts	Each, .75	1.00	1.25

Coupling for Dog Power, with 2 Unions, Net, \$2.00
Power Churns are not carried in stock, but can be furnished on special orders.

Extra Parts and Power Attachments for Power Churns, furnished on application.

CEDAR CYLINDER



White Cedar, Double Dasher, Thumb Screw Lock, Galvanized Iron Hoops, All Castings Tinned with Pure Block Tin.

Nos.	1C	2C	3C	4C
Capacity, Gallons	3	4	7	10
Weight Each, Lbs.	14	18	21	26
Each	\$2.50	3.00	3.50	4.00

The crank is locked to the Churn with a clamp and thumb screw which prevents leakage.

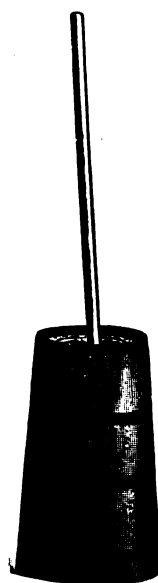
One in a Crate.

EXTRA PARTS FOR BELLE CHURNS

Prices Each.

Churn Nos.	0	1	2	3	4	5
No.						
1—Cover Frame	\$0.40	.45	.50	.55	.60	.65
2—Churn Rim	.80	.90	1.00	1.00	1.20	1.20
3—Cover Complete	1.00	1.15	1.25	1.45	1.75	2.00
4—Crank Trunnion	.25	.25	.25	.25	.30	.30
5—Short Trunnion	.20	.20	.20	.20	...	...
6—Crank	.30	.30	.40	.40	.50	.50
7—Ball	.20	.20	.25	.25	.30	.30
8—Cork Packing...Set,	.50	.50	.50	.50	.50	.50
10—Cover Fastener	.25	.25	.25	.25	.25	.25
11—Cover Bolt	.12	.12	.12	.12	.12	.12

In ordering Parts, always give Number and Name of Part, as well as Number of Churn.

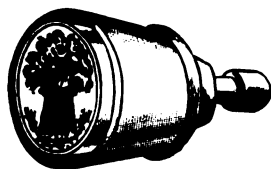


DASH

Selected Ash, Natural Finish, Varnished.
Sunken Lid, Wood Dasher, Steel Hoops.

Nos.	4D	3D	2D	1D
Gallons	3	4	5	6
Wt. Per Doz., Lbs.	50	60	80	100
Per Dozen	\$16.00	18.00	20.00	22.00

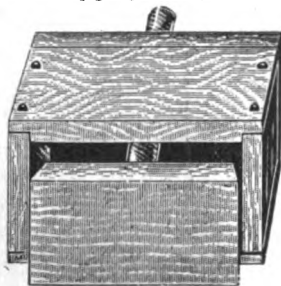
One-half Dozen in a Crate.

BUTTER MOULDS**INDIVIDUAL**

- Maple.** Per Dozen
 No. 4—Plain Finish Maple Wood, Assorted Prints,
 Weight Per Dozen $\frac{3}{4}$ Lb. \$0.80
 Open Stock.

ROUND

- Maple.** Per Dozen
 No. 6—1 Lb., Plain Finish Maple Wood, Assorted Prints,
 Weight Per Dozen 8 Lbs. \$3.00
 Open Stock.
COLORADO



- Hardwood.** Per Dozen
 No. 10—1 Lb., Hardwood, Strong, Neat, Well Made,
 Plain Prints, Weight Per Dozen 16 Lbs. \$3.50
 Open Stock.

BUTTER PRINTS

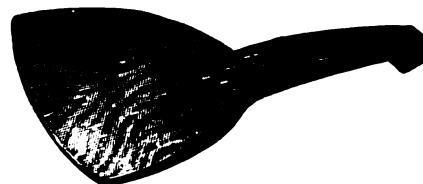
- Maple.** Per Dozen
 No. 3—4 inch Diameter, Hand Carved, Assorted De-
 signs, Weight Per Dozen 3 Lbs. \$1.30
 Open Stock.

CHOPPING BOWLS

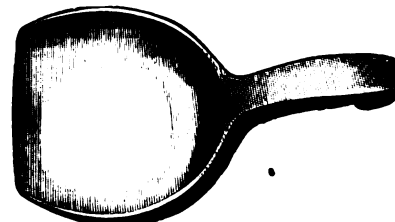
Michigan Hard Maple, Paraffine Wax Finish, Extra Deep,
 Heavy Rim, Polished.

Nos.	11	13	15	17	19
Size, Inches	11	13	15	17	19
Weight Per Dozen, Lbs.	14	18	27	49	67
Per Dozen	\$1.40	3.60	8.00	16.00	26.00

Nos. 11 to 17, One Dozen; No. 19, One-half Dozen in a Crate.

BUTTER LADLES**COMMON**

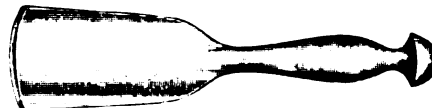
- Maple.** Per Dozen
 No. 1—4 $\frac{3}{8}$ inches Wide, Clean White Maple, Hand Cut
 Curved Spoon, Weight Per Dozen 2 $\frac{1}{2}$ Lbs. \$0.80
 Open Stock.
BELLAIRE



- Maple.** Per Dozen
 No. X—Extra Quality Maple Wood, Weight Per Dozen
 4 Lbs. \$2.20
 Open Stock.

BUTTER SPADES

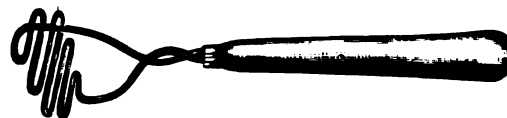
- Grooved.** Per Dozen
 No. 1B—6 inch Blade, Hard Maple, Beveled End, Weight
 Per Dozen 1 $\frac{1}{2}$ Lbs. \$0.80
 Open Stock.

POTATO MASHERS**WOOD**

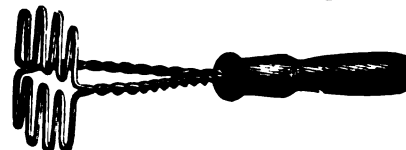
- Maple.** Per Dozen
 No. 1P—One Piece Selected Maple, Plain Handle,
 Weight Per Dozen 8 Lbs. \$1.10
 One Dozen in a Box.



- Maple.** Per Dozen
 No. 3P—Maple, Black Enameled Handle, Weight Per
 Dozen 8 Lbs. \$1.20
 One Dozen in a Box.
WIRE



- Retinned.** Per Dozen
 No. 11—9 inches Long, Medium Wire, Plain Wood
 Handle, Weight Per Dozen 2 Lbs. \$0.60
 One Dozen in a Package.



- Retinned.** Per Dozen
 No. 9—10 inches Long, Heavy Double Twisted Wire,
 Enameled Wood Handle, Weight Per Dozen 4 Lbs. \$1.20
 One Dozen in a Package.

STEAK MAULS



- No. 2—Hardwood, Black Enameled Handle, Double
Keen Edge, Weight Per Dozen 10 Lbs. **\$1.50**
Open Stock.

BASTING SPOONS



Hardwood, Turned Handles.

- | | | |
|-----------------------------|---------------|-------------|
| Nos. | 015 | 017 |
| Length, Inches | 15 | 17 |
| Weight Per Dozen, Lbs. | 2 | 2 1/4 |
| Per Dozen | \$0.80 | 1.00 |

Twelve Dozen in a Box.

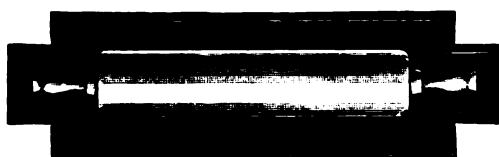
ROLLING PINS



- No. 1—11 1/2 Inches Long, 2 3/4 Inch Diameter, Hard
Maple, Plain Revolving Handles, Weight Per Dozen
20 Lbs. **\$2.10**
No. 01—Same as No. 1, but Second Grade. **1.60**
One Dozen in a Box.



- No. 3—11 1/2 Inches Long, 2 3/4 Inch Diameter, Hard
Maple, Enameled Revolving Handles, Weight Per
Dozen 20 Lbs. **\$2.60**
No. 03—Same as No. 3, but Second Grade. **2.00**
One Dozen in a Box.



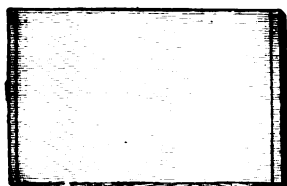
- No. 10—17 1/2 Inches Long Over All, 2 3/4 Inches Diam-
eter, Sanitary White Opalite Roller, Polished Hard-
wood Revolving Handles, Weight Per Dozen 25 Lbs. **\$6.50**
It is sanitary and non-absorbent. One wipe with damp
cloth cleans it. Will not chip, crack or craze.
One in a Carton; One Dozen in a Box.

MEAT BOARDS



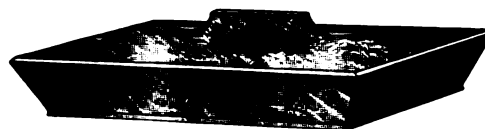
- No. 1B—12x16 Inches, Hardwood,
3/4 Inch Thick, Weight Per
Dozen 48 Lbs. **\$5.50**
Open Stock.

BREAD BOARDS



- White Basswood, Plain Edge.
- | | | |
|-----------------------------|---------------|-------------|
| Nos. | 3B | 4B |
| Size, Inches | 18x24 | 20x27 |
| Weight Per Dozen, Lbs. | 49 | 61 |
| Per Dozen | \$8.00 | 8.50 |
- Open Stock.

KNIFE TRAYS



- No. 21—8x12x2 Inches, Whitewood, Varnished, Two
Spaces, Weight Per Dozen 20 Lbs. **\$2.40**
Open Stock.

SALT BOXES



- No. 2B—5 1/4 x 4 1/4 x 7 Inches, White Basswood, Varnished,
Hinged Cover, Weight Per Dozen 17 Lbs. **\$1.60**
One Dozen in a Crate.



- No. 1811—Holds 2 1/2 Lbs., Maple and Walnut, Striped,
Varnished, Brass Label, Nickel Plated Band,
Weight Per Dozen 12 Lbs. **\$4.80**
Open Stock.

SPICE CABINETS



- No. 1C—11x18 Inches, Eight Drawers 2 3/4 x 4 Inches,
Natural Finish Hardwood, Highly Polished, Weight
Per Dozen 52 Lbs. **\$10.50**
One-half Dozen in a Crate.

STEEL GAME TRAPS

VICTOR



Single Spring, with Chain.

	Per Dozen		
No. 0V —For Rats, Gophers, Weasels, Etc.....	\$1.96		
No. 1V —For Muskrat, Skunk, Opossum, Etc.....	2.25		
No. 1½V—For Mink, Skunk, Raccoon, Muskrat, Etc...	3.42		
Specifications.			
Nos.	0V	1V	1½V
Spread of Jaws, Inches.....	3½	4	4½
Length of Trap, Inches.....	6½	8½	9½
Weight Per Dozen, Lbs.....	5	7½	11½
Dozen in Barrel	55	40	25

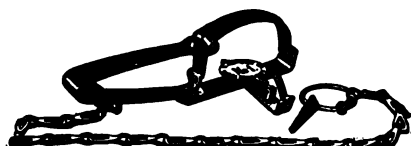


Double Spring, with Chain.

	Per Dozen		
No. 2V—For Fox, Raccoon, Fisher, Etc.....	\$5.04		
No. 3V—For Coyote, Fisher, Fox, Badger, Etc.....	6.72		
No. 4V—For Lynx, Coyote, Badger, Etc.....	7.92		
Specifications.			
Nos.	2V	3V	4V
Spread of Jaws, Inches.....	4½	5½	5¾
Length of Trap, Inches.....	14½	17	19
Weight Per Dozen, Lbs.....	13¾	21½	24¼
Dozen in Barrel	15	10	7

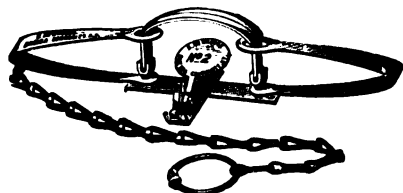
NEWHOUSE

The Newhouse is the Original Steel Trap and the Highest Grade Possible to Manufacture. The Trapper Who Knows Will Insist Upon this Brand.



Single Spring, with Chain.

	Per Dozen		
No. 0 —For Rats, Gophers, Weasels, Martens, Etc.....	\$3.90		
No. 1 —For Muskrat, Skunk, Opossum, Rabbit, Mink, Marten, Civet Cat, Etc.....	4.56		
No. 1½—For Mink, Raccoon, Fisher, Skunk, Opossum, Etc.	6.84		
Specifications.			
Nos.	0	1	1½
Spread of Jaws, Inches.....	3½	4	4½
Length of Trap, Inches.....	6¾	8	9¾
Weight Per Dozen, Lbs.....	7½	10	14
Dozen in Barrel	55	40	25



Double Spring, with Chain.

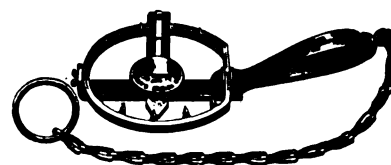
	Per Dozen		
No. 2—For Fox, Raccoon, Fisher, Wildcat, Opossum, Etc.	\$10.08		
No. 3—For Otter, Lynx, Coyote, Fisher, Wildcat, Beaver, Badger, Etc.....	13.44		
No. 4—For Wolf, Otter, Lynx, Cougar, Beaver, Wolverine, Etc.	15.84		
Specifications.			
Nos.	2	3	4
Spread of Jaws, Inches.....	4½	5½	6½
Length of Trap, Inches.....	14½	17	19
Weight Per Dozen, Lbs.....	18	28½	38¼
Dozen in Barrel	15	10	7



Double Spring, with Offset Jaws and Teeth.

	Per Dozen		
No. 14—For Beaver, Otter, Etc., Spread of Jaws 6½ Inches, Length of Trap 19 Inches, Weight Per Dozen 40 Lbs., 7 Dozen in a Barrel.....	\$16.80		

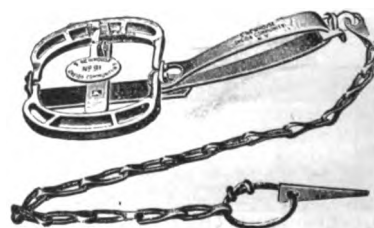
Heavy and stiff springs, offset jaws allow the springs to rise higher when the animal's leg is in the trap. The teeth are close enough to prevent the animal from pulling its foot out.



Single Spring, with Teeth and Chain.

	Per Dozen		
No. 2½—For Otter, Beaver, Etc., Spread of Jaws 5½ Inches, Length of Trap 11 Inches, Weight Per Dozen 26 Lbs., 12 Dozen in a Barrel.....	\$15.84		

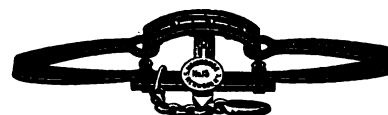
Especially adapted for catching "Otters" on their slides. For this purpose a thin raised plate of steel is adjusted to the pan so when the trap is set the plate will be a trifle higher than the teeth on the jaws. The points of the teeth are very sharp.



Double Jaws, Single Spring, with Chain.

	Per Dozen		
No. 91 —For Muskrat, Skunk, Mink, Etc.....	\$5.76		
No. 91½—For Fox, Skunk, Mink, Raccoon, Woodchuck, Etc.	8.64		
Specifications.			
Nos.	91	91½	
Spread of Jaws, Inches.....	5½	6¼	
Length of Trap, Inches.....	8	9½	
Weight Per Dozen, Lbs.....	10½	16¼	
Dozen in Barrel	30	20	

The double jaws take an easy and firm grip so high up on a muskrat that it cannot twist off.



Double Spring, with Offset Jaws and Teeth.

	Per Dozen		
No. 15—For Bears, Etc., Spread of Jaws 11¾ Inches, Length of Trap 34½ Inches, Weight Per Dozen 234 Lbs., One Dozen in a Barrel.....	\$115.20		

The jaws have an offset of ¼ inch which allows the springs to come up higher on the jaws when the animal's leg is in the trap. This gives the spring a better grip and there is less chance of bone breaking and so allow the animal to amputate its leg.

STEEL GAME TRAPS

ONEIDA JUMP

Preferred by Many Hunters on Account of Being Lighter than the Regular Traps. All are Provided with Single Springs and Niagara Wire Chain.



Small, Single Spring, with Chain.

	Per Dozen
No. 0J —For Rats, Gophers, Weasels, Etc.....	\$2.36
No. 1J —For Muskrat, Skunk, Opossum, Etc.....	2.80
No. 1½J —For Mink, Skunk, Raccoon, Muskrat, Etc...	4.20

Specifications.

Nos.	0J	1J	1½J
Spread of Jaws, Inches.....	4	4¾	5¾
Length of Trap, Inches.....	5¼	5¾	6½
Weight Per Dozen, Lbs.....	5½	8	9½

All Above, 1 Dozen in a Carton, 12 Cartons in a Case.

Large, Single Spring, with Chain.

	Per Dozen
No. 2J—For Fox, Raccoon, Fisher, Etc.....	\$6.20
No. 3J—For Coyote, Fisher, Fox, Badger, Etc.....	8.20
No. 4J—For Lynx, Coyote, Badger, Etc.....	9.70

Specifications.

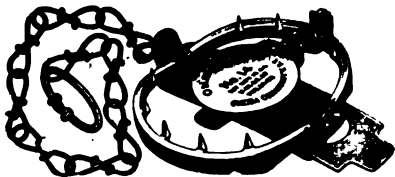
Nos.	2J	3J	4J
Spread of Jaws, Inches.....	5½	6½	7¼
Length of Trap, Inches.....	7¾	9	10
Weight Per Dozen, Lbs.....	14½	22	27½
Dozen in a Barrel.....	20	12	10

Double Jaws, Single Springs, with Chain.

	Per Dozen
No. 91J—Spread of Jaws 4¾ Inches, Length of Trap 5¾ Inches, Wt. Dozen 8½ Lbs.....	\$3.60
No. 91½J—Spread of Jaws 5¼ Inches, Length of Trap 6½ Inches, Wt. Dozen 10¼ Lbs...	5.00



The double jaws give a double grip. These are the best traps made for small dry land animals, as well as for trapping muskrats in the tide water marshes.



Large Single Spring, with Teeth and Chain.

	Per Dozen
No. 13J—For Coyote, Fisher, Fox, Badger, Etc.....	\$ 8.80
No. 14J—For Lynx, Coyote, Badger, Etc.....	10.80

Specifications.

Nos.	13J	14J
Spread of Jaws, Inches.....	6½	7¼
Length of Trap, Inches.....	9	10
Weight Per Dozen, Lbs.....	22¾	29
Dozen in a Barrel.....	12	10

SETTING CLAMPS

NEWHOUSE

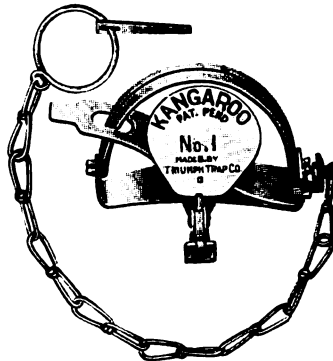


	Per Dozen
No. 4—For Setting Traps Nos. 0 to 4, Weight Per Dozen 2¾ Lbs.....	\$2.50
No. 5—For Setting Traps Larger than No. 4, Weight Per Dozen 9¾ Lbs.....	5.70

With these clamps one can easily set the powerful traps without any danger.

KANGAROO.

Every Spring Water Tested Under Compression for Twenty-four Hours. This Eliminates the Defectives. Spring Bottom and Swivel All Interlocked without Rivets.



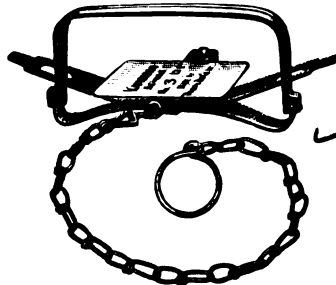
Malleable Iron Jaws, Single Spring, with Chain.

	Per Dozen
No. 0K—For Rats, Minks, Muskrat, Weasel, Etc...	\$2.40
No. 1K—For Mink, Civet, Muskrat, Rabbit, Etc...	2.80
No. 1½K—For Muskrat, Skunk, Raccoon, Woodchuck, Etc.....	4.20
No. 2K—For Otter, Marten, Raccoon, Fox, Fisher, Badger, Etc...	5.90

Specifications.

Nos.	0K	1K	1½K	2K
Spread of Jaws, Inches....	4	4¾	5¼	5¾
Length of Trap, Inches....	4¾	5¼	5¾	7
Weight Per Dozen, Lbs....	5	6¾	9	12½
Dozen in Case.....	12	12	12	*20

*No. 2K are Packed in Barrels.



Malleable Iron Jaws, Double Spring, with Chain.

	Per Dozen
No. 3K—For Otter, Beaver, Wild Cat, Marten, Badger, Fox, Etc....	\$7.90
No. 4K—For Wolf, Lynx, Cougar, Coyote, Beaver, Wild Cat, Etc....	9.40

Specifications.

Nos.	3K	4K
Spread of Jaws, Inches.....	6¼	6¾
Length of Trap, Inches.....	9¼	10½
Weight Per Dozen, Lbs.....	18¾	21¾
Dozen in a Barrel.....	12	10

TRIUMPH

Superbly Designed, Rigidly Tested, Triumph Springs Scientifically Heated, Tempered and Annealed, Pan Securely Riveted to Heavy Shank.

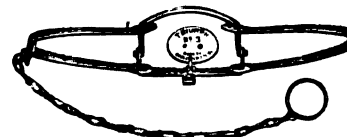


Malleable Iron Jaws, Single Spring, with Chain.

	Per Dozen
No. 0T —For Rats, Mink, Muskrat, Weasels, Etc....	\$1.90
No. 1T —For Mink, Muskrat, Rabbit, Skunk, Etc....	2.20
No. 1½T—For Mink, Muskrat, Skunk, Raccoon, Woodchuck, Etc.	2.86

Specifications.

Nos.	0T	1T	1½T
Spread of Jaws, Inches.....	3¾	4	4¾
Length of Trap, Inches.....	7¾	7¾	9¼
Weight Per Dozen, Lbs.....	5¼	7¼	10¾
Dozen in a Barrel.....	55	40	25



Malleable Iron Jaws, Double Spring, with Chain.

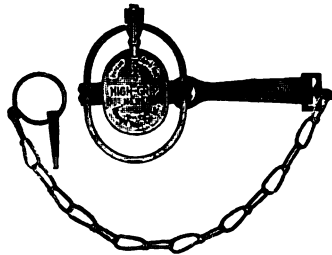
	Per Dozen
No. 2T—For Otter, Marten, Fisher, Raccoon, Fox, Badger, Etc.	\$4.74
No. 3T—For Otter, Beaver, Wild Cat, Martin, Badger, Fox, Etc.	6.30
No. 4T—For Wolf, Lynx, Cougar, Coyote, Beaver, Wild Cat, Etc.	7.40

Specifications.

Nos.	2T	3T	4T
Spread of Jaws, Inches.....	4¾	5¾	5¾
Length of Trap, Inches.....	14¼	16¾	18¾
Weight Per Dozen, Lbs.....	13¾	20¾	23¾
Dozen in a Barrel.....	15	10	8

STEEL GAME TRAPS

HIGH GRIP



Malleable Iron Jaws, Single Springs, with Clamp.

	Per Dozen
No. 115—For Muskrats, Skunk, Rabbits, Etc.	\$3.20
No. 215—For Otter, Beaver, Fox, Etc.	5.00

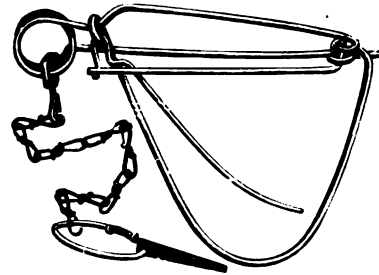
Specifications.

Nos.	115	215
Spread of Jaws, Inches	4 7/8	5 3/4
Length of Trap, Inches	8	9
Weight Per Dozen, Lbs.	8 1/4	10 3/4
Dozen in a Barrel	33	..

Triumph High Grip Traps grip the leg high above the knuckle joint.

These Traps have a wide range of set. The spring may be turned in any direction.

THE STOP THIEF



For Small Fur Bearing Animals, no Barbs to Mutilate the Fur. Animal is Choked to Death and Cannot Spoil its Own Pelt by Trying to Gnaw Out.

Spring Steel Wire with Chain.

No.	1	2	3	3 1/2
For Squirrels and Rats
For Skunk, Mink, Martens, Etc.
For Skunk, Mink, Martens, Etc.
For Opossum, Raccoon, Etc.

Specifications.

Nos.	1	2	3	3 1/2
Length, Inches	8	10	11	14
Width, Inches	5	7	7	10 1/2
No. of Wire	9	7	6	5
Weight Per Dozen, Lbs.	4	6	8	15
Dozen in a Barrel	42	24	15	7

MOUSE TRAPS

SQUARE WOOD CHOKER

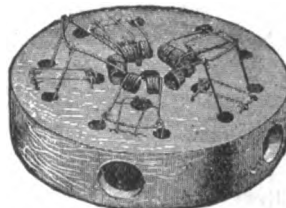


Stain Bright Red, Coppered Steel Springs.

Nos.	1-S	2-S	3-S
Number of Holes	1	2	3
Wt. Per Dozen, Lbs.	2	2 1/4	3
Per Dozen	\$0.26	.52	.78

One Dozen in a Bundle.

ROUND WOOD CHOKER

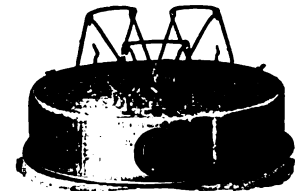


Stain Bright Red, Coppered Steel Springs.

Nos.	4R	5R	6R
Number of Holes	4	5	6
Wt. Dozen, Lbs.	4	4 1/2	5 1/4
Per Dozen	\$1.04	1.30	1.56

One Dozen in a Bundle.

METALLIC CHOKER



One Piece Stamped Tin, Coppered Steel Springs.

No.	10
Number of Holes	5
Weight Per Dozen, Lbs.	2
Per Dozen	\$1.30

One Dozen in a Bundle.

SURE CATCH



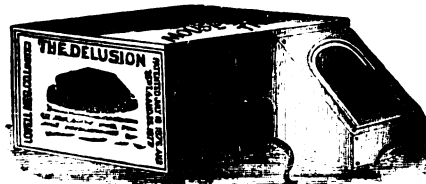
Per Dozen

No. 01—2x3 1/2 inch Hardwood Base, Coppered Steel Spring. \$0.25

Weight Per Dozen 2 Pounds.

One-half Dozen in a Carton.

DELUSION



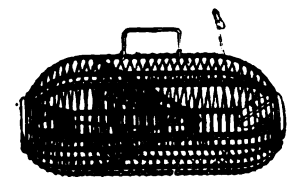
Per Dozen

No. 15—5 1/8 x 3 3/4 x 2 5/8 inch, Wood Stained Bright Red Both Inside and Outside, Rich Blue Lacquered Tin Parts \$1.80

Weight Per Dozen 8 1/2 Pounds.

One Dozen in a Bundle.

HOLD 'EM



Per Dozen

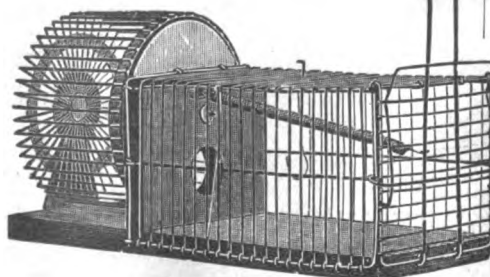
No. 00—8 1/2 inches Long, Lacquered Spring Steel Wire, Double Metal Ribs, Safety Door \$4.20

No need of drowning the mice and rusting the trap. The door opens and closes from the top and is perfectly secure when locked, which is an advantage when killing the mice with a dog. Cannot get broken or displaced.

Weight Per Dozen 5 1/2 Pounds.

Two Dozen in a Crate.

WHEEL AND CAGE



No. 20.

No. 20—6 1/4 x 3 1/4 inch, Wood Base, Tinned Wire Frame, Woven Wire Cage \$2.50

Weight Per Dozen 4 1/2 Pounds.

One-half Dozen in a Package.

A BUSHEL OF
MOUSE TRAPS
6 FOR 10¢
WHILE THEY LAST



No. 360SC—360 Sure Catch

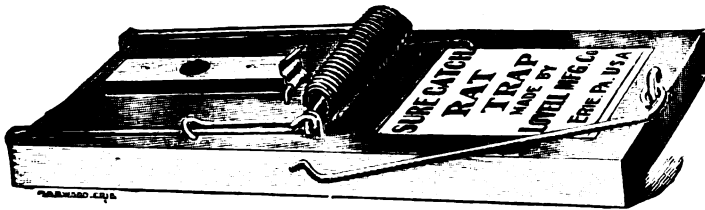
Mouse Traps in a Wide Band

Stave Bushel Basket \$6.80

Weight Per Basket 32 Pounds.

RAT TRAPS

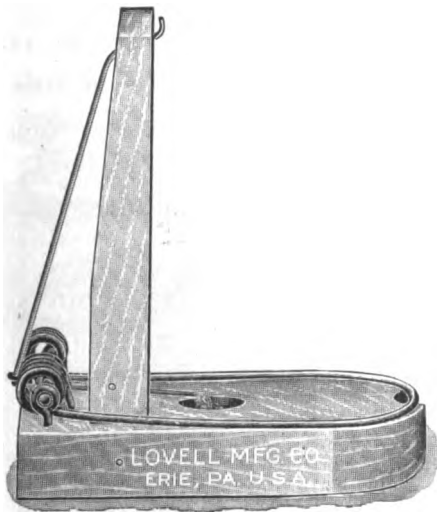
SURE CATCH



No. 02—3½x7 Inch Hardwood Base, Coppered Tempered Wire Spring\$1.20
Weight Per Dozen 6 Pounds.
One Dozen in a Box.

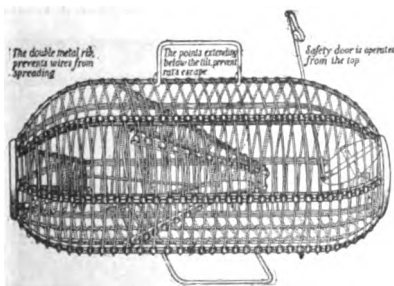
RAT TRAPS

STAR



Star—4x6 Inch Base, 2¼x6 Inch Upright, Oil Stained Hard Maple, Tempered Steel Spring, All Wire Parts Tinned\$2.00
Weight Per Dozen 20 Pounds.
One Dozen in a Crate.

HOLD 'EM



Best Steel Wire, Lacquered, Double Metal Ribs, Extension Bottom, Safety Door.

Nos.	11	22	33	44
Length, Inches	15 ½	18	20	22
Width, Inches	9	9 ½	10	11
Height, Inches	7	7 ½	7 ¾	8
Weight Per Dozen, Lbs.	28	32	38	46
Per Dozen	\$6.50	7.50	8.50	11.00

No need of drowning the rats and rusting the trap. The door opens and closes from the top and is perfectly secure when locked, which is an advantage when killing the rats with a dog. Cannot get broken or displaced.

One-half Dozen in a Carton.



No. 60SC—60 Sure Catch Rat Traps in a Stave Bushel Basket\$6.00
Weight Per Basket 32 Pounds.

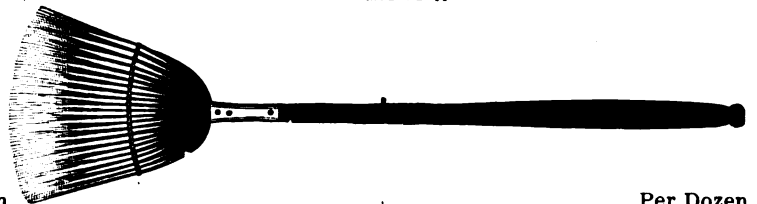
RAT NIP



Rat-Nip Assortment — With Each Order of 4 Dozen 25 Cent Tubes of Rat-Nip We Give Free 2 Dozen 15 Cent Tubes of Rat-Nip, 6 Startling Window Bulletins (One for Each Day) and 200 "War with Rat" Folders Bearing Your Name\$3.50

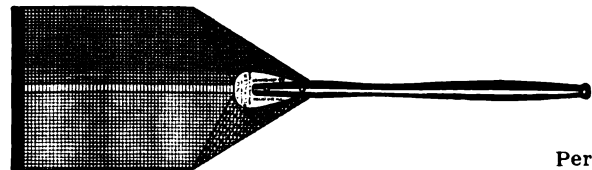
FLY KILLERS

BIGELOW



No. 5—18 Inches Long, Plated Bright Spring Steel Wire, Enameled Handle\$1.50
Weight Per Dozen 1 ½ Pounds.
One Dozen in a Box.

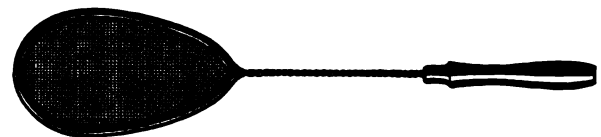
KING



No. 10—4¼x8½ Inches, 12 Mesh Black Wire Cloth, 3 Wire Selvage, Bound Across End with Imitation Leather, Six Wire Reinforcement Through Center, 10 Inch Black Enameled Handle, 17 Inches Long Over All\$1.50
The end is double folded, which prevents the wire cloth from cupping and the binding from being pulled or whipped off.

Weight Per Dozen 1 ¾ Pounds.
One Dozen in a Box, with Display Stand.

SWATMOR

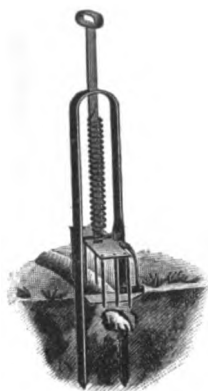


No. 15—12 Mesh Black Wire Cloth Bound with Black Felt, 15 Gauge Coppered Wire Frame, 5 Inch Black Enameled Handle, Length Over All 17 Inches\$1.20
The wire cloth is securely folded over the wire frame before being bound with black felt binding.

Weight Per Dozen 1 ¾ Pounds.
One Dozen in a Box.

MOLE TRAPS

REDDICK'S

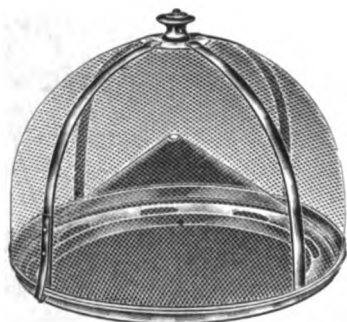


No. 62—24 Inches Long, Heavy Tinned and Rust Proof Steel Frame, Japanned Steel Coil Spring, Six 5½ Inch Prongs, Plunger Rises 5 Inches, Trigger Set, Never Fails to Work.....\$11.50

Weight Per Dozen 42 Pounds.

One-half Dozen in a Crate.

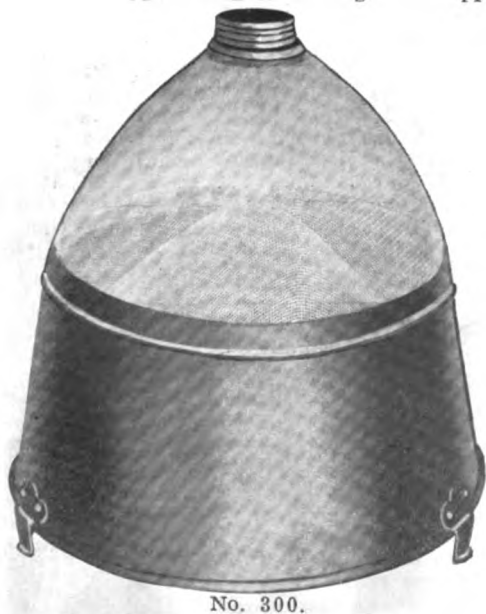
SUPERIOR



Superior—10 Inches High, 11 Inches Diameter, Heavy Tin Bottom and Stays, Rustless "Galvanized" Wire Cloth Body, Bait Pan is so Shaped that When Flies Feed They Never Wander Out, but are Always Caught, it Cannot be Blown or Tipped Over.....\$9.60

Weight Per Dozen 15 Pounds.

One Dozen in Corrugated Shipping Case.



No. 300.

WAGNER BEE HIVE OUTDOOR

No. 300—14 Inches High, Diameter at Base 13½ Inches, Galvanized Steel Wire Top and Cone, Enameled Steel Base, has a Screw Cap on Top for Removing the Flies and Keeping the Trap Clean, an Attractive All Metal Trap.....\$16.00

This Trap is particularly efficient because it is so designed that the light is thrown into the trap entirely from the top.

One Dozen in a Crate, Nested.

WAGNER ALL METAL OUTDOOR

No. 200—22 Inches High, Diameter of Cone 11½ Inches, All Galvanized Metal Frame, Covered with Galvanized Wire Cloth, Cover is Removable which Permits Easy Removal of the Flies and Keeping Trap Clean and Free from Odor.....\$16.00

A useful trap for home, around stores, barns, garbage cans, etc.

One Dozen in a Crate, K. D.

FLY TRAPS

BALLOON



No. 12.

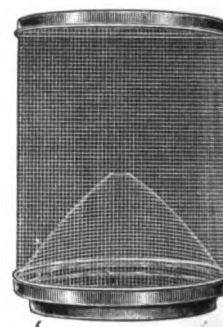
HARPER



No. 14.

No. 12—Balloon, 7 Inches High, Tinned Wire, Wood Base, Weight Per Dozen 7 Lbs.....\$2.50
No. 14—Harper, 9 Inches High, Green Wire, Wood Base, Weight Per Dozen 9 Lbs..... 3.00
One Dozen in a Box.

BABY SUPERIOR



Baby Superior—4¼ Inches High, 4¼ Inches Diameter, Heavy Tin Top, Stays and Bait Pan, Rustless Galvanized Wire Cloth Body, Easily Baited and Emptied.....\$1.50

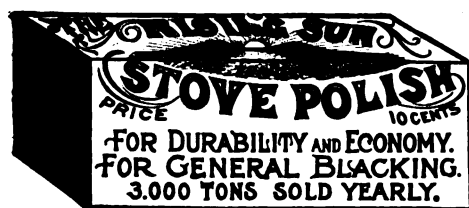
Weight Per Dozen 4 Pounds.

One Dozen in a Fibre Shipping Case.



No. 200.

RISING SUN



Dry Paste Form.

Per Dozen

No. 1R—4x1 1/2 inch Cake.....\$1.80

Will not deteriorate with heat or cold, age or climate, absolutely safe and does not lose its polishing properties by exposure. To be applied with cloth or brush.

Weight Per Dozen 6 Pounds.
One Dozen in a Package, Six Dozen in a Box.

ENAMELINE



Water Polish, Liquid.

Per Dozen

No. 10E—10 Cent Size, Screw
Top Tin Cans\$1.70
Weight Per Dozen 9 Pounds.
Three Dozen in a Case.



Liquid, Will Not Freeze.

Per Dozen

No. 6—10 Cent Size, in Screw Top
Tin Cans, Weight Per Dozen
6 Lbs.\$1.70
No. 8—15 Cent Size, in Screw
Top Tin Cans, Weight Per
Dozen 8 Lbs. 2.00
No. 12—25 Cent Size, in Screw
Top Tin Cans, Weight Per
Dozen 13 Lbs. 4.00
Three Dozen in a Case.

Black Silk Stove Polish produces a black, silky hard gloss of great durability. rub off. Will not dry out, freeze or rust through the can.

STOVE POLISH

VULCANOL



Better Than Stove Polish.

Per Dozen

No. 5V—5 Cent Size in Friction
Top Cans, Weight Per Dozen
4 Lbs.\$1.00
No. 10V—10 Cent Size, in Friction
Top Cans, Weight Per
Dozen 7 Lbs. 1.70
A Cream ready for use.
Three Dozen in a Box.

BLACKENE



Benzine Liquid.

Per Dozen

No. 10B—10 Cent Size, Screw
Top Tin Cans\$1.70
Weight Per Dozen 9 1/2 Pounds.
Three Dozen in a Case.

BLACK SILK



Paste, Will Not Dry Out.

Per Dozen

No. 5—10 Cent Size, in Friction
Top Tin Cans, Weight Per
Dozen 5 Lbs.\$1.70
No. 10—15 Cent Size, in Friction
Top Tin Cans, Weight Per
Dozen 7 Lbs. 2.00
No. 15—25 Cent Size, in Friction
Top Tin Cans, Weight Per
Dozen 12 Lbs. 4.00
Three Dozen in a Case.

DIAMOND JOE



Liquid.

Per Dozen

No. 12DJ—8 Oz. Screw Top Tin
Cans\$1.50
No. 16DJ—16 Oz. Screw Top Tin
Cans 2.50
Per Can
No. 5DJ—Paste, in 5 Lb. Cans.\$1.00
Nos. 12DJ and 16DJ, Three Dozen in a
Case; No. 5DJ, One Dozen in a Case.

BLACKENE



Benzine Paste.

Per Can

No. 015—5 Lb. Friction Top Tin
Cans\$0.90
A Superior Polish for Stove Dealers.
Six Cans in a Case.



Paste, Will Not Dry Out.

Per Can

No. 20—5 Lbs., Friction Top Tin
Cans, Weight Per Dozen 66
Lbs.\$1.40
Six in a Case.

Is waterproof and will not burn or

BLACK SILK

Liquid, Air Drying.

Per Dozen
No. 1—25 Cent Size, Friction Top
Tin Can, with Brush, Weight
Per Dozen 8 Lbs. \$2.70
Unequaled for use on grates, fenders,
registers, stove pipes, etc. Will not
freeze.

Three Dozen in a Case.



Black Seal Oil Finish.

Per Dozen
No. 10BS—1/2 Pint Screw Top
Tin Can \$4.00
A Gas and Steel Range Dressing that
keeps gas and steel ranges in the very
best condition. Prevents rust, cuts
grease entirely, cleans nickel and white
enamel. Never greasy on ranges.

Weight Per Dozen 10 Pounds.

Three Dozen in a Case.

**HANDWITCH**

Per Dozen
Handwitch—In 3/4 Lb. Tin Can \$1.60
An antiseptic lightning dirt remover;
takes off the grime, leaves the skin soft
and smooth; for soiled, stained, inky and greasy
hands.

Three Dozen in a Case.

MECHANICS' SOAP

Per Box
Wenzelmann's — Hardware-
men's and Mechanics'
Soap \$4.00
Made from pure vegetable oils
and contains no animal fat. Cleans
quicker, lasts longer and is san-
itary. Keeps the skin healthy.
Each bar in a tight, sanitary car-
ton.

25 Bars in a Box.

IRON ENAMEL

BRIGHT SPOT



Per Dozen
No. 1/2 B—1/2 Pint, Friction Top
Tin Can, with Brush \$2.50
No. 1B—1 Pint, Friction Top
Tin Can, with Brush 3.80
No. 1QB—1 Quart, Friction Top
Tin Can, with Brush 6.80
No. 1/2 GB—1/2 Gallon Friction
Top Tin Can 14.40
No. 1GB—1 Gallon, Friction Top
Tin Can 26.40
No. 6S—Spot-Light, 6 Oz. Friction
Top Tin Can, with
Brush 1.70
Nos. 1/2 B, 1QB and 6S, One Dozen;
No. 1B, Three Dozen in a Case.

NUBIAN

Brilliant and Lasting.

Per Dozen
No. 1N—1/2 Pint Tin Cans, with
Brush \$3.00
No. 2N—1 Pint Tin Cans 5.00
No. 3N—1 Quart Tin Cans 7.50
No. 4N—1/2 Gallon Tin Cans 13.20
No. 5N—1 Gallon Tin Cans 24.00

Nos. 1, 2 and 3, One Dozen in a Box;
Nos. 4 and 5, Open Stock.

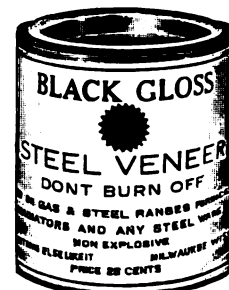
GAS AND STEEL RANGE DRESSINGS**BLACK SEAL**

Black Seal Paste.

Per Dozen
No. 15BS—4 Oz. Friction Top
Tin Can \$4.00
A rust remover used in the ovens of
gas and steel ranges to remove rust and
to keep same from rust for at least six
months. Saves expense to replace new
linings with ovens. Keeps tools from
becoming rusted.

Weight Per Dozen 7 Pounds.

One Dozen in a Case.



Black Gloss Steel Veneer.

Per Dozen
No. 1BS—1/2 Pint Friction Top
Tin Can \$4.00
A fine natural gloss, smooth finish,
not streaky, never burns off. Renews
the appearance of old or ugly looking
gas or steel ranges. Used on stove
pipes, radiators, furnaces or any steel
part affected by heat.

Weight Per Dozen 10 Pounds.

Three Dozen in a Case.

HAND CLEANER**WHIZ**

Per Dozen
Whiz—In Tin Cans \$1.80
An antiseptic, efficient dirt remover, for
household scouring or for the bath; used by
physicians, mechanics and men of all occu-
pations; will not dry or harden in can, if
lid is kept on while not in use.
Four Dozen in a Case.

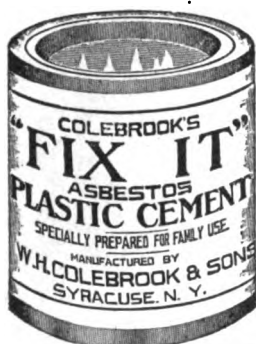
SOOT DESTROYER

ANTI-CARBON

In Powder Form. Per Dozen
No. 24—25 Cent Size, 24 Packages in a
Case, Weight Per Case 75 Lbs. \$4.00
No. 48—15 Cent Size, 48 Packages in a
Case, Weight Per Case 75 Lbs. 2.30
Anti-Carbon is a patented chemical prepara-
tion which when deposited on a bed of live
coals will effectively destroy all soft coal soot
in the interior of stoves, furnaces, stove pipe,
etc.

PLASTIC CEMENT

FIX IT



Per Dozen
No. 1F—In 1 Lb. Tin Cans.....\$1.80

This Cement is prepared ready for use in the form of a plastic cement, easily applied with a knife, for cementing joints and broken parts of stoves, ranges, heaters and furnaces, making them gas tight, smoke and dust proof.

Three Dozen in a Case.

STOVE LINING

CROWN



Each
No. 3—3 Lbs. in a Package...\$0.18
No. 6—6 Lbs. in a Package... .28
No. 10—10 Lbs. in a Package... .40

A plastic, durable fireproof mixture for making and repairing linings in coal stoves, furnaces and ranges. Does not crack or crumble.

Nos. 3 and 6, Two Dozen; No. 10, One Dozen in a Case.

SHOE POLISH



Per Dozen
Two in One—Black, Water Proof, Free from Acid or Turpentine.....\$1.70

Keeps the shoes always soft; easily applied and quick in result.

One Dozen in a Carton, Three Dozen in a Case.

STOVE PUTTY

CROWN



Per Pound
No. 1 — 1 Lb. Cans.....\$0.14
No. 5 — 5 Lb. Cans..... .10
No. 10P—10 Lb. Cans..... :10

For cementing joints in stoves and sections of boilers. Is used in general by stove manufacturers in assembling parts of stoves.

Open Stock.

SWEEPING COMPOUND

FRANKO



Each
No. 12—50 Lb. Wooden Drums.\$2.00
No. 13—100 Lb. Wooden Drums. 3.80

Absolutely allays the dust in sweeping, picks it up, absorbs it, and gets it clear of the building. Cleans, brightens and disinfects the floor; prevents merchandise from becoming damaged by dust; will not dry out and is non-inflammable. Can be used on wood, tile, linoleum or mosaic floors.

SHOE DRESSING



For Use on White Canvas Shoes.

Per Dozen
H. O. B.—Black, in Glass Bottles.\$1.70
Softens and preserves the leather, for ladies' and children's shoes.

Three Dozen in a Case.

FURNACE CEMENT

CROWN



Per Pound
No. 05—5 Lb. Cans.....\$0.10
No. 010—10 Lb. Cans..... .10

A plastic, durable, fireproof cement, for setting up and repairing joints in furnaces, stoves and ranges. Makes airtight joints. Hardens as hard as the iron itself. Will not become porous, shrink or crumble, making a permanent gas and dust proof joint.

CLEANER AND CLEANSER

WYANDOTTE, DAIRYMAN'S



Per Barrel
Wyandotte—5 Lb. Cotton Bags, 50 Bags in a Barrel.....\$19.50

Per Case
Wyandotte—5 Lb. Cotton Bags, 24 Bags in a Case.....\$10.50

For cleaning milk cans, pails, etc., used and endorsed by all the State Dairy Colleges.

We do not sell less than full Barrels or Cases.



Per Dozen
Rex White—In Glass Bottles, to be Applied with Sponge or Cloth.....\$1.50

MINUTE



Liquid, Screw Top Tin Cans.

Nos.	20	30	40
Cans Contain	¼ Pt.	½ Pt.	1 Pt.
Cans in Case, Doz.	3	3	3
Per Dozen	\$1.50	2.50	4.00
Nos.	50	60	70
Cans Contain	1 Qt.	½ Gal.	1 Gal.
Cans in Case, Doz.	1	½	½
Per Dozen	\$6.80	12.00	19.20

This Polish is especially adapted for cleaning silver, brass, copper and nickel.

METAL POLISH
BURNISHINE

Liquid, in Screw Top Tin Cans.

Nos.	2	3	4
Cans Contain	4 Oz.	½ Pt.	1 Pt.
Cans in Case, Doz.	4	3	2
Per Dozen	\$1.60	2.40	4.00
Nos.	5	6	7
Cans Contain	1 Qt.	½ Gal.	1 Gal.
Cans in Case, Doz.	1	1	½
Per Dozen	\$6.80	12.00	19.20

Contains no acid or anything injurious to the metal or hands, gives a perfect luster on all metals.

ARCO-SPOTZOFF



Liquid, Screw Top Tin Can, Wire Handle.

Nos.	101	102
Cans Contain	1 Pt.	1 Qt.
Cans in Case, Doz.	1	1
Per Dozen	\$4.02	7.00
Nos.	103	104
Cans Contain	½ Gal.	1 Gal.
Cans in Case, Doz.	1	½
Per Dozen	\$11.00	18.00

Arco-Spotzoff cleans and polishes brass, nickel, copper, aluminum and other bright metals. Can be kept on hand in any quantity and in any climate without danger, destruction, deterioration or settling in the can. Adaptable for the home, office, store or garage.

METAL POLISH

SIGNET



Liquid, Screw Top Tin Cans.

This is a white liquid polish which gives a quick, lasting polish without scratching, produces a filmy protective coating, giving a high lustre to the brass which resists the chemical tarnish for a long time. It is easy to use and is non-inflammable.

Nos.	200	201	202
Cans Contain	¼ Pt.	½ Pt.	1 Pt.
Cans in Case, Doz.	2	2	1
Per Dozen	\$1.40	2.00	3.60
Nos.	203	204	205
Cans Contain	1 Qt.	½ Gal.	1 Gal.
Cans in Case, Doz.	1	½	½
Per Dozen	\$7.00	11.20	19.00

PUTZ-POMADE



In Paste Form.

No. 01—1 Oz. Tin Boxes.....	Per Dozen \$0.60
No. 03—3 Oz. Tin Boxes.....	1.20
Per Pound	
No. 1—1 Lb. Tin Cans.....	\$0.56
No. 01, Two Dozen; No. 03, One Dozen;	
No. 1, Open Stock.	
For polishing all kinds of metal.	

SILVER POLISH

ZANG'S CAMPHORATE



No. 100—Size of Cake 1 inch	Per Dozen
Thick, 3 inch Diameter.....	\$3.00
Zang's Camphorated Anti-Tarnish Cakes will keep your gold, silver, nickel and copper from tarnishing and steel from rusting.	
Will absorb moisture and will absolutely prevent the tarnishing of any metal.	
One-half Dozen Cakes in a Box.	

PREPARED WAX
JOHNSON'S

Nos. 5 and 10.

For Polishing Furniture, Floors, Interior Woodwork, Pianos, Linoleum, Leather Hand Bags, Etc., to be Applied with Cheese Cloth.

No. 5—5 Oz. Household Size, 12 Cans in a Display Carton	Carton, \$5.50
No. 10—Universal Size, to Retail at 10 Cents... Dozen, ..	1.60
No. 1—1 Lb. Cans, for Floors.....	Each, .80
Contains 20 per cent. more hard, expensive polishing wax than any other wax on the market. Never softens in warm weather or hot climates. One pound covers 250 square feet.	

SILVER POLISH

WRIGHT'S SILVER CREAM



Silver Cream—8 Oz.,	Per Dozen
Glass Bottle, Patent Cap Top.....	\$3.60

For polishing silver, cut glass, marble, porcelain, enamel, paint, plate glass, mirrors, knives, forks, etc. Will not dry up or evaporate, easily applied.

One Dozen in a Case.

SIGNET



Per Dozen
No. SC25—3 1/2 Oz., 25 Cent Size,
in Handsome Lithographed
Tin Cans, with Spout.....\$3.60
One Dozen in a Case.

Signet Oil is a compounded, water-white oil, sweet, clean to apply, and economical; a good lubricant for fine machinery; polishes and prevents rust.
CRACKER JACK DEAL.



Per Assortment
No. 1—Cracker Jack Deal, as
Described Below, Complete
in Cans, Dealers' Price....\$48.00

Contents.	Per Dozen
1 Doz. 4 Oz. Bottles, 25 Cent Size Liquid Veneer	Free
2 Doz. 4 Oz. Bottles, 25 Cent Size Liquid Veneer	\$ 4.00 \$ 8.00
5 Doz. 12 Oz. Bottles, 50 Cent Size Liquid Veneer	8.00 40.00
	\$48.00

Also fine window display and other attractive advertising matter to help sell the Liquid Veneer. This is a winner assortment as there is a demand for 50 cent bottles.

LIQUID VENEER

Liquid Veneer makes refinishing entirely unnecessary. It is a surface food and cleaner that builds up the original finish and makes it brighter than ever. It is not a varnish and no brush is needed for applying—nothing but a piece of cheese cloth; it leaves no streaks but removes all scratches, stains, dirt and dullness and imparts a beautiful gloss. It is a disinfectant, purifying every thing it touches. It will entirely remove that smoky look from the piano and other mahogany and will improve the most beautiful furniture.



Cut Shows
Bottle.
Size of Bottles, Oz..... 4
Per Dozen \$2.00
One Dozen in a Carton.

Liquid Veneer works wonders on automobile curtains, etc.

OILS



Per Dozen
No. S10—In 1 Oz. Glass Bottles,
10 Cent Size.....\$1.40
No. S25—In 3 Oz. Glass Bottles,
25 Cent Size..... 3.40
No. S50—In 8 Oz. Glass Bottles,
50 Cent Size..... 7.00
No. S10, One Dozen in a Handsome
Counter Display Box; Nos. S25 and
S50, One Dozen in a Case.

LIQUID VENEER
MAKES OLD THINGS NEW.
DANDY DEAL



Per Assortment
No. 5—Dandy Deal, as De-
scribed Below, Complete in
Case, Dealers' Price.....\$28.00

Contents.	Per Dozen
1/2 Doz. 4 Oz. Bottles, 25 Cent Size Liquid Veneer	Free
3 Doz. 4 Oz. Bottles, 25 Cent Size Liquid Veneer	\$4.00 \$12.00
2 Doz. 12 Oz. Bottles, 50 Cent Size Liquid Veneer	8.00 16.00
	\$28.00

Also fine window display and a supply of other advertising materials help sell the liquid veneer.



Cut Shows
Carton.
12
8.00

SEWING MACHINE



Per Dozen
No. 18—In 1 1/2 Oz. Glass
Bottles\$0.45
No. 20—In 3 Oz. Glass Bottles... .75

One Dozen in a Case.

A machine oil that will not gum.

LITTLE GIANT DEAL



Per Assortment
No. 10—Little Giant Deal, as
Described Below, Complete
in Case, Dealers' Price....\$10.00

Contents.	Per Dozen
1/6 Doz. 4 Oz. Bottles, 25 Cent Size Liquid Veneer	Free
1 1/2 Doz. 4 Oz. Bottles, 25 Cent Size Liquid Veneer	\$4.00 \$6.00
1/2 Doz. 12 Oz. Bottles, 50 Cent Size Liquid Veneer	8.00 4.00
	\$10.00

Also large and attractive window display and other advertising matter to help sell the Liquid Veneer.

L-V FLOOR POLISHER

The L-V Floor Polisher is a wonderful device that enables the housekeeper to care for her floors with the old reliable standby, Liquid Veneer, instead of applying oils and greases.

The mop has two sides, one to apply Liquid Veneer, and the other to wipe dry and polish; it is flat and will go under any piece of furniture and around rugs. It not only cleans the floor, but imparts a beautiful, lasting lustre. It enables you to stand erect in cleaning the floor in half the time and half the labor needed the old way. Easily washed with soap and water.



Per Outfit
L-V Floor Polishing Outfit—Consists of One L-V
Floor Polisher with Handle and Pad, One L-V Dust
Cloth, and One Quart Bottle Liquid Veneer, List \$2.00
Packed in an Attractive Carton.

ALUMINUM PAINT

U. S.



GOLD PAINT

FLORENTINE GLOSS



GOLDEN FLUID



Liquid, Friction Top Tin Cans.
 Size, Pints $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$
 Per Dozen **\$2.30 4.00 7.00**
 Produces the hardest and most brilliant finish obtainable. Will withstand any exposure. Will stand heat to any degree.

One Dozen in a Carton.

Liquid, Friction Top Tin Cans, with Brush.
 Size, Pints $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$
 Per Dozen **\$2.50 4.50 7.50**
 Produces a fine gilt finish, is handy and easy to apply.

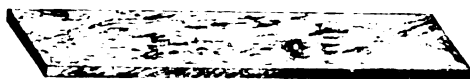
One Dozen in a Carton.

Liquid, with Brush.
 In 1 Oz. Bottles, Rich Gold
 Color **\$1.60**
 Per Dozen

One Dozen in a Carton.

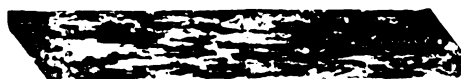
PRESERVATIVE

Floor Plank Treated with "Preservatine."



Laid in Spring of 1896; Removed Fall 1909. After 13 Years as Good as New and Tough as Hardwood. Although it is Pine.

Result When Not Treated.



Laid in Spring 1896; Removed Fall 1909.

Preserves Wood Against Rot and Decay. A Penetrating, Disinfecting Paint-Stain Applied with a Brush or by Dipping, which Gives the Wood a Nut Brown Color.

Wood decay is caused by fungus, a vegetable growth, sometimes so small that it can be seen only with a microscope. Its roots or branches force their way into the tissue of the wood and absorb or eat away the solid parts and decay results.

Preservatine penetrates deeply into the pores of the wood, and killing the germs of decay, doubles or trebles the life of the wood.

Preservatine has been manufactured over 30 years, and millions of dollars are annually being saved by preservatine treatment.

"Preservatine" has been imported since 1893 and in the comparatively short time that it has been before the American public, it has made fast and lasting friends, by far surpassing the most sanguine expectations.

Guaranteed to preserve woodwork above or below ground or water against rot and decay, for at least three times its natural lifetime, and to exterminate chicken lice and mites, hog lice, etc., permanently.

Ropes, Nets, Tarpaulins, etc., treated with "Preservatine" become waterproof and remain soft and pliable even in the coldest weather.

Plank Painted with "Preservatine" and Laid 13 Years in a Basement.

Plank Not Painted with "Preservatine" and Laid 13 Years in a Basement.

"Preservatine" kills chicken lice and mites; keeps chickens healthy, destroying the pests which annoy the fowls.
 "Preservatine" is also the best and cheapest Fly-Chase. One gallon of Preservatine diluted with one gallon of kerosene, sprayed on cattle, horses and in barns will keep the flies away.
 Those who have once tried Preservatine are convinced of its merits and buy more of it. Preservatine has been on the market for over 30 years and is in great demand all over the United States.

COVERING CAPACITY, APPLIED WITH BRUSH

On Dressed Lumber, 1 Gallon will cover 350 Square Feet. On Rough Lumber, 2 Gallons will cover 250 Square Feet. 1 Gallon will cover 100 Square Feet of Shingle Roof, Second Coat requires One-fourth of Above Quantity. Dipping requires about 30 per cent more.

How Put Up.....	$\frac{1}{2}$ Gal. Cans	1 Gal. Cans	5 Gal. Cans	10 Gal. Cans	1 Barrel (About 58 Gal.)
Per Gallon	\$1.80	1.50	1.40	1.40	1.20

One-half Gallon Cans, Twelve in a Case; One Gallon Cans, Six in a Case.

SCRUB BRUSHES



Per Dozen
Duck—Ox Fibre, 5 Rows, Solid
 Back, Face $2\frac{3}{4} \times 7$ inches....\$2.50
 One Dozen in a Box.



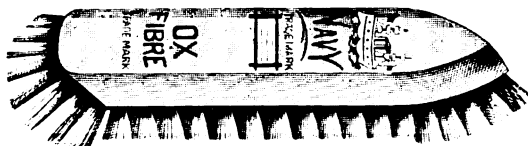
Per Dozen
Goose—Ox Fibre, 5 Rows, Solid
 Back, Face $2\frac{3}{4} \times 10$ inches...\$3.50
 One Dozen in a Box.



Per Dozen
Hub—Ox Fibre, 5 Rows, Square
 End, Solid Back, Face $2\frac{3}{4} \times 10$
 inches\$3.50
 One Dozen in a Box.



Per Dozen
Alligator—Ox Fibre, 5 Rows,
 Solid Back, Face $2\frac{3}{4} \times 12$
 inches\$4.00
 One Dozen in a Box.



Per Dozen
Navy—Ox Fibre, 4 Rows, Pointed,
 Solid Back, Face $3\frac{1}{2} \times 12$
 inches\$4.00
 One Dozen in a Box.



Per Dozen
No. 0000—Palmetto, 4 Rows,
 Solid Wood Back, Face 3×12
 inches\$2.70
 One Dozen in a Box.



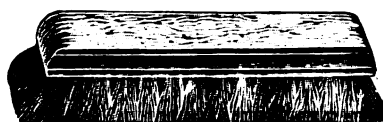
Per Dozen
No. 160—India Palmetto, 3 Rows,
 Solid Wood Back, Cherry
 Finished, Face $3 \times 8\frac{1}{2}$ inches.\$2.20
 One Dozen in a Box.



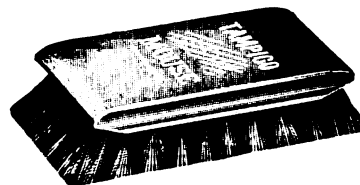
Per Dozen
No. 170—India Palmetto, 3 Rows,
 Solid Wood Back, Cherry
 Finished, Face $3 \times 9\frac{1}{2}$ inches.\$2.50
 One Dozen in a Box.



Per Dozen
Jack—Rice Root, 4 Rows, Solid
 Wood Back, Face $2\frac{3}{4} \times 10$
 inches\$2.20
 One Dozen in a Box.



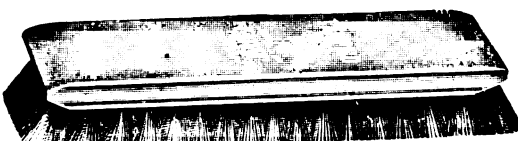
Per Dozen
Judy—Palmetto, 4 Rows, Solid Back, Polished, Face
 2×8 inches\$1.00
 One Dozen in a Box.



Per Dozen
Mouse—Gray Tampico, 5 Rows, Solid Wood Back, Face
 $2\frac{3}{4} \times 7$ inches\$1.80
 One Dozen in a Box.



Per Dozen
Shark—White Tampico, 3 Rows,
 Solid Wood Back, Face $2\frac{3}{4} \times$
 10 inches\$2.20
 One Dozen in a Box.

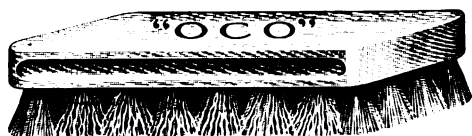


Per Dozen
Cat—Gray Tampico, 5 Rows,
 Solid Wood Back, Face
 $2\frac{3}{4} \times 12$ inches\$2.50
 One Dozen in a Box.

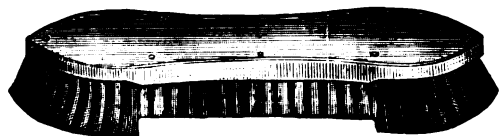


Per Dozen
Rat—Gray Tampico, 5 Rows,
 Solid Wood Back, Face
 $2\frac{3}{4} \times 10$ inches\$2.20
 One Dozen in a Box.

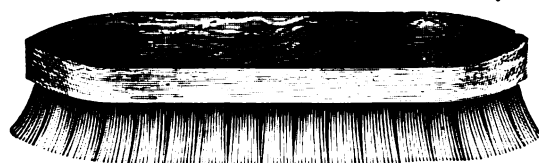
SCRUB BRUSHES



- No. 02—Oco, Selected Palmetto, 4 Rows, Solid Back, Face $2\frac{3}{4} \times 9$ inches.....**\$2.50**
 No. 94—Oco, Palmyra, 4 Rows, Solid Back, Face $2\frac{3}{4} \times 9$ inches **1.80**
 No. 240—Oco, White Tampico, 4 Rows, Solid Back, Face $2\frac{3}{4} \times 9$ inches **2.00**
 Will go into the corners better than any other brush and the scrubbing hand does not come near the wall.
 One Dozen in a Box.



- No. 10—Black and Gray Tampico, 5 Rows, Solid Wood Back, Face $2\frac{3}{4} \times 11$ inches.....**\$2.90**
 No. 11—White Tampico, 5 Rows, Solid Wood Back, Face $2\frac{3}{4} \times 11$ inches **2.70**
 One Dozen in a Box.



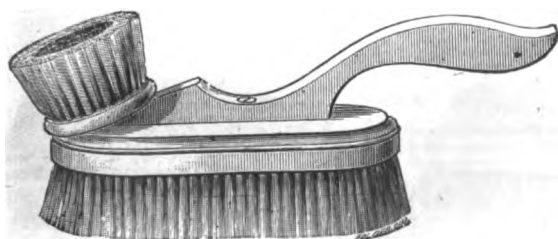
- Gem—White Tampico, 4 Rows, Solid Wood Back, Face $2\frac{1}{2} \times 8\frac{1}{2}$ inches**\$1.20**
 One Dozen in a Box.

SCRUB BRUSHES

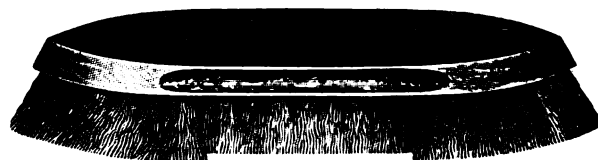


- No. 17P— $2 \times 3\frac{1}{4} \times 11$ inches, Palmetto Fibre, Solid Wood Back**\$10.50**
 One Dozen in a Box.

SHOE BRUSHES



- No. 071— $7\frac{1}{2}$ inches Long, Round End, Beveled Edge Block, Brown Top, Varnished, Black Tampico Center, Black Horse Hair Outside.....**\$3.30**
 One-half Dozen in a Box.



- No. 4A—Packers' Special, Rice Root, 5 Rows, Solid Wood Back, Face 3×12 inches.....**\$3.00**
 One Dozen in a Box.

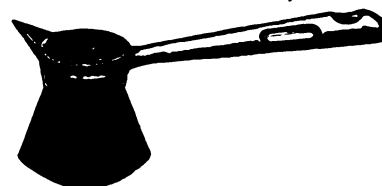


- White Swan—White Tampico, Solid Wood Back, Face $2\frac{1}{2} \times 9\frac{1}{2}$ inches**\$2.00**
 One Dozen in a Box.

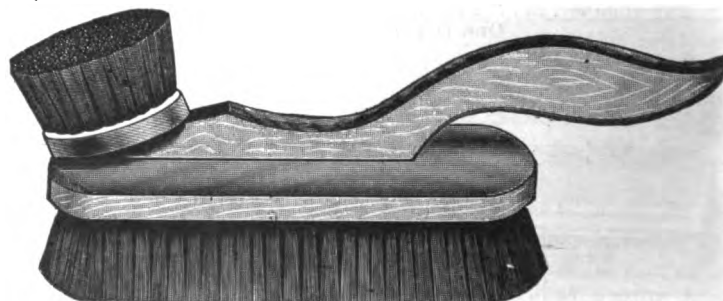


- No. 0—Gray Tampico, 5 Rows, $3 \times 10\frac{1}{2}$ inches, Solid Back, with $\frac{1}{8}$ inch Pure Rubber Scraper and $4\frac{1}{2}$ foot Handle**\$ 6.50**
 Franko—Tampico, 5 Rows, 4×12 inches, Solid Back, with $\frac{1}{8}$ inch Pure Rubber Scraper and $4\frac{1}{2}$ foot Handle **10.00**
 One Dozen in a Box.

SHOE DAUBERS

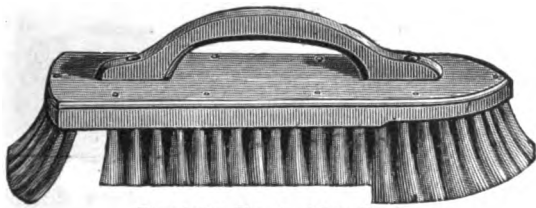


- No. 3D—All Black Bristles, Black Japanned Iron Handle, with Mud Scraper.....**\$2.00**
 One Dozen in a Box.



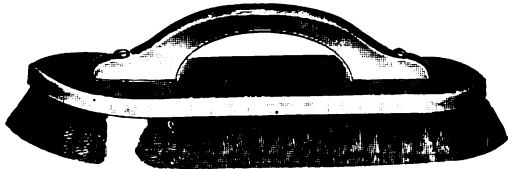
- No. 069—8 inches Long, Large Round End, Beveled Edge Block, Painted Red and Varnished, Black Horse Hair**\$4.40**
 One-half Dozen in a Box.

STOVE BRUSHES



Straight Back, Handled.

No. 0—Black Tampico, 5 Rows, Solid Back,\$2.40
One Dozen in a Box.



Peerless—Gray Tampico, 5 Rows, Solid Back, Face
2 1/4 x 11 1/4 inches\$3.20
One Dozen in a Box.

STOVE BRUSHES



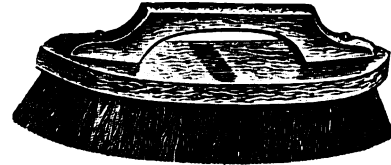
Straight Back, Handled.

No. 6—Gray Bristles, Extra Long, 6 Rows, Solid Back,
Varnished, Made Expressly for Stove Dealers....\$24.00
One Dozen in a Box.



Curved Back, Handled.

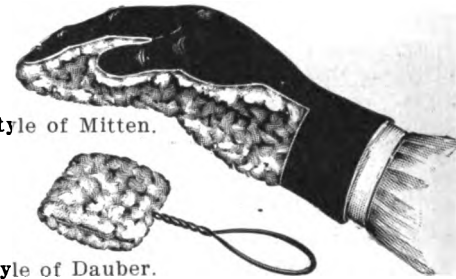
No. 62—Black Bristles, 5 Rows, Solid Back, Heavy
Stock\$4.70
One Dozen in a Box.



Rocker, Handled.

No. 30—Gray Tampico, 6 Rows, Curved Solid Back,
Varnished Face, 2 1/2 x 9 inches.....\$2.70
One Dozen in a Box.

POLISHING MITTENS

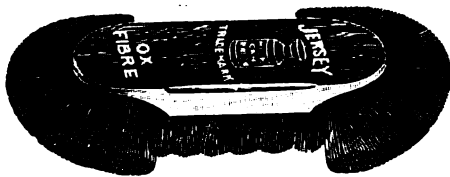


Style of Mitten.

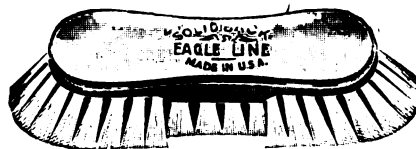
Style of Dauber.

No. 7—Polishing Mitten and Dauber, Made from Spe-
cially Prepared Tanned Skin, with Best Quality
Wool\$2.40
One-half Dozen in a Box.

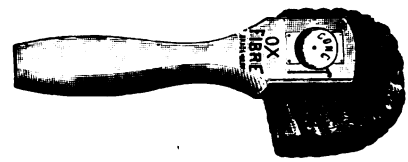
MILK CAN BRUSHES



Jersey—5x9 inch Face, Ox Fibre
Bristles, Solid Wood Back...\$5.30
One Dozen in a Box.

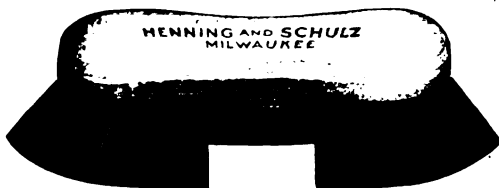


No. 17—3x17 1/2 inch Face, White
Tampico Bristles, Solid Back...\$2.70
One Dozen in a Box.



Gong—4x6 inch Face, Ox Fibre
Bristles, Solid Back.....\$3.50
One Dozen in a Box.

CREAMERY BRUSHES



No. 266 — 8 1/2 x 3 x 2 1/2 inches,
English Kitool Bristles,
Solid Wood Back.....\$11.00
No. 267—8 1/2 x 3 x 2 1/2 inches, Best
Quality Palmyra Bristles,
Solid Wood Back..... 8.00
Drawn with low brass wire which will
not rust and holds tufts securely, espe-
cially made for scrubbing vats or tubs.
Have great water absorbing capacity
and longevity.

SINK BRUSHES



No. 7—Palmetto, 5 Rows, Solid
Back, 10 3/4 inches, Face 2 1/2 x
3 1/2 inches\$2.40
One Dozen in a Box.



Owl—Ox Fibre, 3 Rows, Solid
Back, Face 1 1/2 x 6 1/2 inches...\$1.50
One Dozen in a Box.

BRUSHES

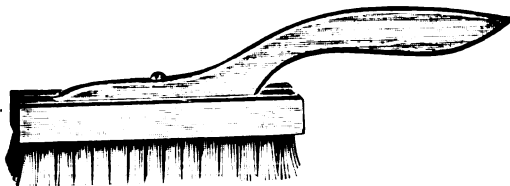
NAIL



No. 306—Daisy, White Tampico, 4 Rows, Solid Back,
Face $1\frac{1}{4} \times 4\frac{1}{2}$ inches.....\$0.60

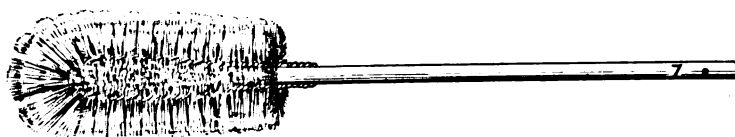
Six Dozen in a Box.

HANDY HOUSE



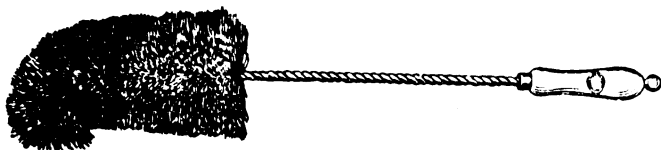
Handy House— $1\frac{1}{4} \times 4\frac{1}{2}$ inch Face, White Tampico
Bristles, Solid Back, with Handle.....\$0.80

Three Dozen in a Box.



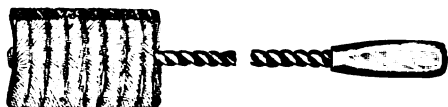
No. 14—26 inches Long, $2\frac{3}{4} \times 6\frac{1}{2}$ inch Face, Gray
Fibre Bristles\$2.20

SANITARY BOWL



No. 141—21 inches Long, Brush Part $8 \times 3\frac{1}{2}$ inches,
Palmyra Fibre, Strong Twisted Galvanized Wire
Handle, Wood Grip\$3.00

The turn at the end of the brush enables the user to scour
every part of bowl thoroughly; easily cleaned and sterilized in
boiling water.



No. 65—36 inches Long, $1\frac{3}{4} \times 3 \times 5\frac{1}{2}$ inch Face, Rubber
Tip, Twisted Wire Handle.....\$5.20

COUNTER BRUSHES

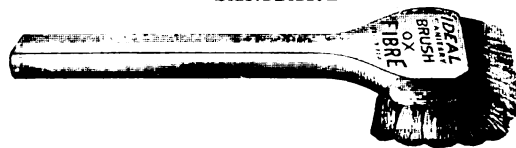


Extra Quality All Bristles, Black Enameled Handle.

No. 2C—14 inches Long\$ 8.50
No. 3C—16 inches Long 15.50

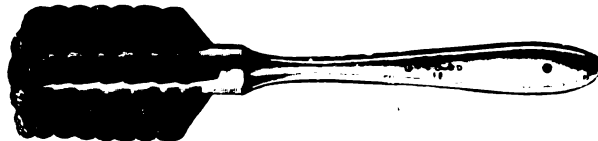
One-half Dozen in a Box.

SANITARY



Per Dozen
Ideal—Ox Fibre, 4 Rows, Solid Back, Face $2\frac{1}{2} \times 3\frac{1}{2}$
inches, for Cleaning Cuspidors, Closets, Basins
Etc.\$2.50
One Dozen in a Box.

TUMBLER



No. 10.
Wire Fastened. Per Dozen
No. 10— $11\frac{1}{2}$ inches Long, Black Bristles, for Beer
Glasses\$8.00
No. 13— $11\frac{1}{2}$ inches Long, Black Bristles, for Ale and
Other Small Glasses..... 7.20
One-half Dozen in a Box.



Per Dozen
No. 1—18 inches Long, 4×5 inch Face, Raw Kitool
Bristles, Brass Wire Drawn.....\$6.60

CLOSET



Per Dozen
No. 5C—29 inches Long, Curved Handle, $4\frac{1}{2} \times 6$ inches
Face, Gray Fibre Bristles, 10 Rows, Brass Wire
Drawn\$10.00



Per Dozen
No. 7—19 inches Long, $2\frac{1}{2} \times 4\frac{3}{4} \times 5\frac{1}{2}$ inch Face, Good
Quality Fibre Bristles, Twisted Wire Handle, Black
Enameled Grip\$4.00

RADIATOR



Per Dozen
No. 45— $16\frac{1}{2}$ inches Long, $2\frac{1}{2} \times 9$ inch Face, Wood
Handle\$4.40
No. 55—24 inches Long, $2\frac{1}{2} \times 11$ inch Face, Wood
Handle 6.00

BENCH DUSTERS



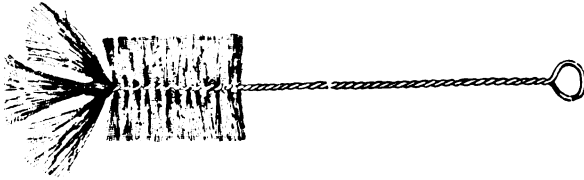
Made of Tampico Fibre, Natural Varnished Handle.

Per Dozen
No. 8—Capital, 14 inches Long, Brush Part is 8 inches
Long, Projects $2\frac{1}{2}$ inches.....\$4.80
Especially designed to clean benches or machines of shav-
ings, sawdust, iron filings or any shop or factory litter.

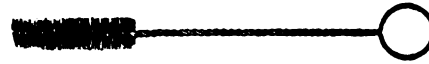
SEPARATOR BRUSHES



- No. 489—Cover Spout, 14 inches Long, $5\frac{1}{2} \times 1\frac{1}{8}$ inches Diameter, Tip and Wing Bristles, Twisted Wire Handle, Ring End Per Dozen \$1.70



- No. 526—U. S., Spout, 14 inches Long, $2\frac{1}{2} \times 2\frac{1}{4}$ inches Diameter Wing and Tip, Bristle and Hair Twisted Wire Handle, Ring End..... Per Dozen \$1.30



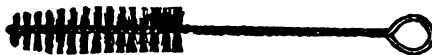
- No. 613—De Laval, Tube, $8\frac{1}{2}$ inches Long, $2\frac{3}{4} \times \frac{3}{4}$ inch Diameter Bristle, Twisted Wire Handle, Ring End Per Dozen \$0.60



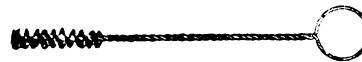
- No. 5—Sharples, Tube, 7 inches Long, $1\frac{3}{4} \times \frac{5}{8}$ inch Diameter Bristle, Good Quality Twisted Wire Handle, Ring End Per Dozen \$0.40



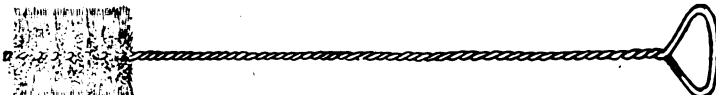
- No. 11—Sharples, Feed Tube, $2\frac{3}{8}$ inch Diameter Bristle, Twisted Wire Handle, Ring End..... Per Dozen \$0.80



- No. 516—Sharples, Spout, 12 inches Long, 4×1 inch Diameter Bristles, Twisted Wire Handle, Ring End.. Per Dozen \$1.30



- No. 1 U. S.—Tube, New Style, 6 inches Long, $1\frac{1}{2} \times \frac{1}{4}$ inch Diameter Bristle, Twisted Wire Handle, Ring End Per Dozen \$0.50
No. 3 U. S.—Tube, Old Style, Otherwise Same as Above50



- Sharples Bowl, Palmetto Fibre Bristles, Twisted Wire Handle, Loop Ends.

- No. 3—18 inches Long, $3\frac{1}{2} \times 2$ inch Diameter Bristles. Per Dozen \$1.30
No. 4—24 inches Long, $4 \times 2\frac{1}{4}$ inch Diameter Bristles. 1.70
No. 6—24 inches Long, $4\frac{1}{2} \times 2\frac{1}{2}$ inch Diameter Bristles. 1.90
No. 9—24 inches Long, 5×3 inch Diameter Bristles. 2.50



- No. 413—U. S., Bowl, Wood Handle, Black Fibre Bristles, $3\frac{1}{4}$ inches Diameter, 8 Rows..... Per Dozen \$5.00
No. 04—U. S., Bowl, Wood Handle, Black Fibre Bristles, $3\frac{1}{4}$ inches Diameter, 8 Rows..... 7.00



- No. 2—U. S., Spout (Skim Milk), 14 inches Long, $3 \times 1\frac{3}{4}$ inches Diameter Bristles, Twisted Wire Handle, Ring End Per Dozen \$1.00



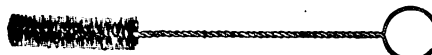
- No. 778—Empire, Bowl, German Style, 10 inch Handle, $5\frac{1}{2} \times 2\frac{3}{4}$ inches Diameter Black Bristle Brush..... Per Dozen \$2.20



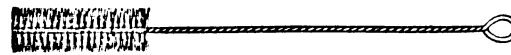
- No. 516—Empire, Spout, 12 inches Long, 4×1 inch Diameter Stiff Bristles, Twisted Wire Handle, Ring End..... Per Dozen \$1.70



- No. 1E—Empire, Spout, 12 inches Long, $4 \times 1\frac{1}{8}$ to $\frac{3}{4}$ inches Diameter Tapered Bristle, Twisted Wire Handle, Ring End..... Per Dozen \$1.30
No. 2E—Empire, Spout, 12 inches Long, $4\frac{1}{2} \times 1\frac{1}{2}$ to 1 inch Diameter Tapered Bristles, Twisted Wire Handle, Ring End..... 1.40



- No. C—Iowa Dairy and Economy, Tube, $8\frac{1}{2}$ inches Long, $2\frac{3}{4} \times \frac{3}{8}$ inches Diameter Bristles, Twisted Wire Handle, Ring End..... Per Dozen \$0.60

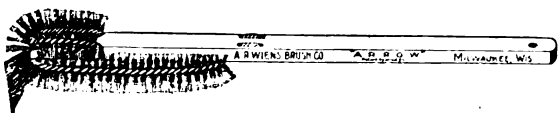


- No. 8D—Iowa Dairy and Economy, Spout, 12 inches Long, $4\frac{1}{2} \times 2$ inches Diameter Bristles, Twisted Wire Handle, Ring End..... Per Dozen \$1.90

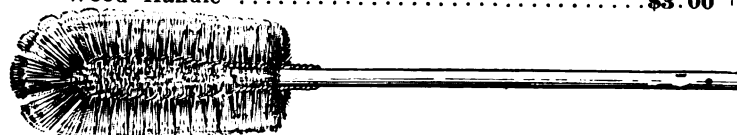
SEPARATOR BRUSHES



- Wien's Spiral Spring, Brass Wire, Ring End. Per Dozen
- No. 517—Empire and De Laval, Spring, 6 Inches Long, $\frac{3}{4}$ Inch Diameter \$1.20
- No. 517B—Spring Coil, 4 Inches Long, Brush End 1.80
- No. 518B—Spring Coil, 9 Inches Long, Brush End, $\frac{3}{4}$ Inch Diameter 3.60



- No. 2—Iowa Dairy and Economy, Bowl, Arrow Style, 13 Inches Long, 6x2 Inches All Bristle Brush, Wood Handle Per Dozen \$3.00



Bowl or Milk Bottle.

- No. EE—16 Inches Long, 6x3 Inches Diameter Pure Bristle, Wood Handle Per Dozen \$4.50
- No. E—16 Inches Long, 6x3 Inches Diameter Bristle, Wood Handle 3.80
- No. HC—16 Inches Long, 6x3 Inches Diameter Black Bristle, Wood Handle 3.20



Test Bottle.

- No. 5TB—Wien's Babcock, Cream, Twisted Wire Handle, Ring End, Made to Fit Bottle Per Dozen \$1.90
- No. 13—Wien's Babcock, Milk, Twisted Wire Handle, Ring End, Made to Fit Bottle 1.80



- No. 1 Extra—Universal, Flat Spout, Large Size Twisted Wire Handle, Ring End Per Dozen \$2.80
- No. 2C—Universal, Flat Spout, Small Size Twisted Wire Handle, Ring End 1.80
- Will fit any make of Separator Spout.

WINDOW BRUSHES

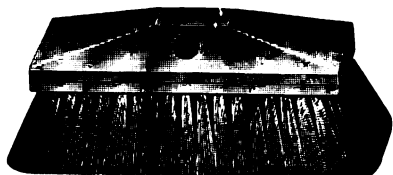


- No. 0—Pope's Eye, 8 Inches Diameter, All Long Black Bristles, Solid Wood Head. Per Dozen \$11.00

One-half Dozen in a Box.



- No. 00—Oblong Window or Car, 2 1/2 x 6 Inch Face, White Tampico Bristles, 6 Rows White-wood Head Per Dozen \$4.20



- No. 480—Oblong, 8 1/2 x 2 3/4 Inch Natural Polished Wood Block, 2 3/4 Inches Out of Block, Selected Extra Stiff Black Horse Hair, Very Full, Drawn with Brass Wire Per Dozen \$17.00

One-twelfth Dozen in a Box.



- No. 20—Oblong, 2 3/4 Inches Long White Tampico Bristles, 2 1/2 x 8 1/2 Inch Plain White Finished Head Per Dozen \$4.40
- No. 000—Oblong, 2 3/4 Inches Long All Black Horse Hair Bristles, 2 1/2 x 8 1/2 Inch Red Polished Wood Head 7.50
- One-half Dozen in a Box.

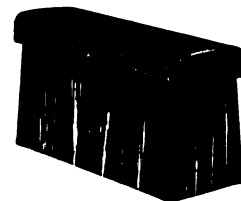
WINDOW BRUSH POLES



Extra Window Brush Poles to Fit Above Window Brushes.

Length, Feet	8	10	12
Per Dozen	\$2.50	3.00	3.75

CASTING BRUSHES



- No. 105—Steel Casting or Foundry, 3 Inch Wire Bristles, 5 Rows, 2 1/4 x 7 1/2 Inch Solid Hardwood Block Per Dozen \$5.00

GARAGE BRUSHES



Made from Best Quality Tampico Fibre, with a Center of Imported Fibre which Wears Like Wire, Hardwood Block, Mahogany Finished, Two Handle Holes, 5 Foot Handle.

- No. 170G—Capital, 16 in. Long. Per Dozen \$36.00
- No. 171G—Capital, 18 in. Long. 42.00
- No. 172G—Capital, 24 in. Long. 48.00

Especially designed for factory sweeping or cement floors, rough wood floors and sidewalks.

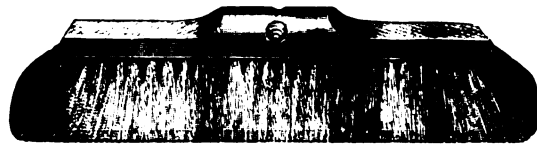
FLOOR BRUSHES



Pure Palmetto Bristles, Drawn with Rust-Proof Wire, Rust-Proof Bolts, Yellow Finished Hardwood Block and Handle.

Nos.	142	144	146	148
Length, Inches	12	14	16	18
Length Bristles, Inches..	3 3/4	3 3/4	3 3/4	3 3/4
Per Dozen	\$17.50	18.50	20.00	21.50

One in a Carton.



Selected Black Horse Hair Bristles, Red Polished Block and Handle.

Nos.	562	564	566
Length, Inches	12	14	16
Length Bristles, Inches...	2 7/8	2 7/8	2 7/8
Length Handle, Inches...	54	54	54
Per Dozen	\$17.60	19.80	23.00

One in a Box.

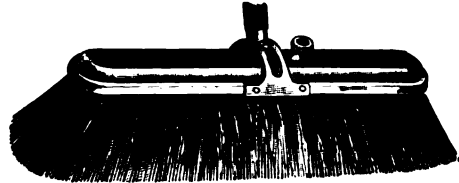


No. 8206—16 Inches Long Russia Bristles, Varnished Natural Finish Block, Two Threaded Handle Holes, Polished Handle

Per Dozen

\$66.00

One in a Box.



Dustless and Indestructible, for Kerosene.

Steel Reservoir, Wire Drawn Tufts, Brass Ferrules for Feed Tufts, Adjustable Handle, Nickel Plated Mountings.

	Each
No. 10—12 Inch Block, for Office Use.....	\$4.25
No. 11—14 Inch Block, for Store Use.....	4.50
No. 12—16 Inch Block, for Store Use.....	4.50
No. 13—18 Inch Block, for Store Use.....	5.00
No. 14—20 Inch Block, for Hall Use.....	5.25
No. 15—24 Inch Block, for Hall Use.....	5.75

For Linoleum, Tile, Marble, Mosaic, Cord Covered, or Waxed, Varnished or Plain Hardwood Floors.

STABLE AND STREET BROOMS



Flat Tempered Steel Wire.

Per Dozen

No. 120—5 Inch Tempered Steel Wire Bristles, 4 Rows, 12x2 3/8 Inch Solid Hardwood Block, with Handle..

\$11.00

Open Stock.



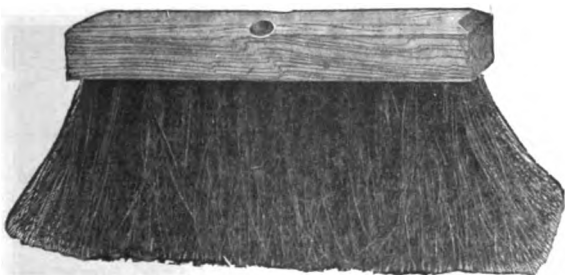
Heavy Round Rattan.

Per Dozen

No. 271—6 Inch Heavy Round Rattan; 4 Rows, 14x3 Inch Solid Hardwood Block, with Handle.....

\$11.00

Open Stock.



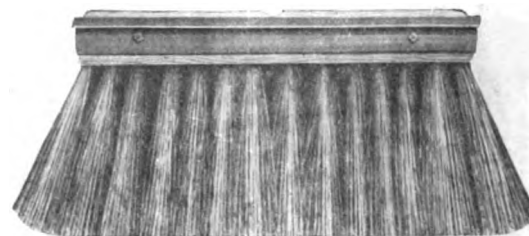
Genuine African Bass.

Per Dozen

No. 60—14 Inches Long, 4 Rows, Solid Hardwood Block, Two Handle Holes.....

\$16.00

Open Stock.



Best Quality African Bass.

Per Dozen

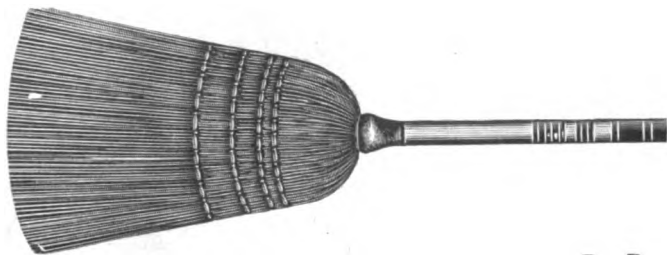
No. 280—14 Inches Long, 5 Rows, Solid Hardwood Block, Two Handle Holes, Fibre Projects 6 1/2 Inches, with Tough Steel Scraper, Fastened with Two Carriage Bolts

\$19.00

One Dozen in a Crate.

BROOMS

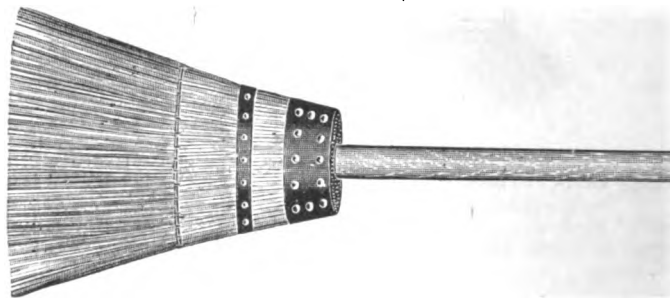
HOUSE



- No. 15—Four String, Ringed and Capped Neck, Plain Soft Wood Handle **\$10.00**
 No. 25—Four String, Ringed and Capped Neck, Extra Long Stock, Plain Wood Handle..... **10.80**
 No. 5—Four String, Velvet Cap, Hardwood Handle, Varnished and Striped **11.50**
 One Dozen in a Bundle.

Per Dozen

TRACK AND SNOW, BAMBOO

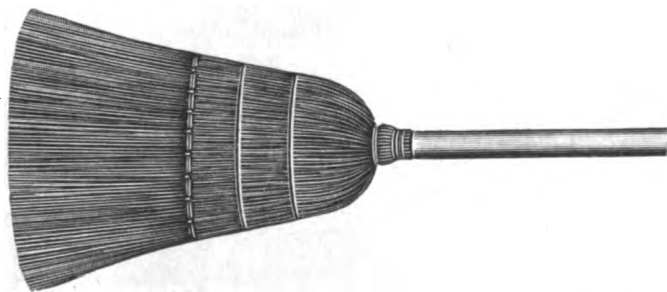


- No. 20—Track, Bamboo, Heavy Sewed and Iron Banded, Weight Per Dozen 30 to 32 Lbs..... **\$7.00**
 The bamboo is impervious to water and will outwear a half dozen corn brooms, does the work better and costs less. Will stand the hard usage incident to snow and switch sweeping.

Per Dozen

One Dozen in a Bundle.

FACTORY

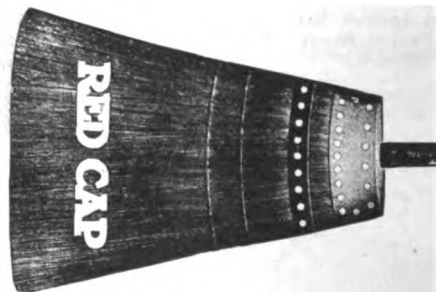


- No. 50—Wire Bound, Extra Heavy, All Broom Corn First Quality, Plain Hardwood Handle, Weight Per Dozen 36 Lbs..... **\$12.00**

Per Dozen

One Dozen in a Bundle.

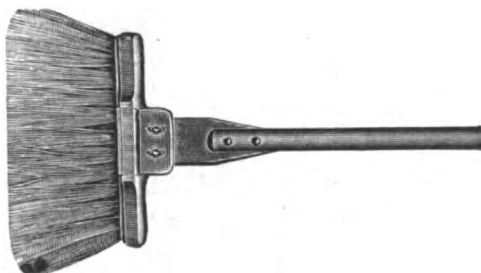
RED CAP MILL



- No. 10—Mill, Mixed Japanese Fibre and Broom Corn, Heavy Double-Sewed and Iron Banded, Weight Per Dozen 33 to 34 Lbs..... **\$13.00**
 Especially designed for heavy sweeping in factories, foundries, iron and steel Mills, warehouses, and saw mills.

Per Dozen

One Dozen in a Bundle.

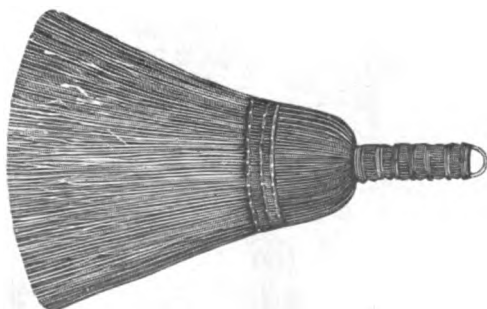


SPRING MAIDE BROOM

- No. S.M.—Piassaba Fibre, Soft Patent Fibre Center, Felt Pad on Back to Protect Furniture, Copper Wire Drawn, Spring Handle which Never Wears Out, Insuring Flexibility, Hard Maple Handle..... **\$13.00**

Per Dozen

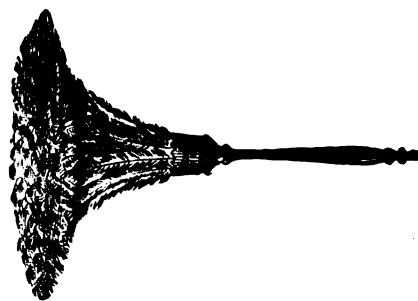
WHISK BROOMS



- No. 1W—Corn Handle, Wired..... **\$3.90**
 No. 2W—Black Enameled Wood Handle..... **4.20**
 One Dozen in a Bundle.

Per Dozen

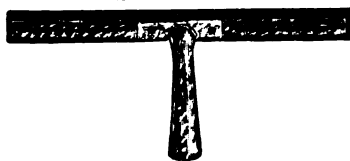
FEATHER DUSTERS



- Split Turkey Feathers, Enameled Wood Handle.
 Length, Inches 10 12 14 16
 Per Dozen **\$5.80 7.00 8.80 11.50**
 One-twelfth Dozen in a Package.

WINDOW CLEANERS

SUPERIOR



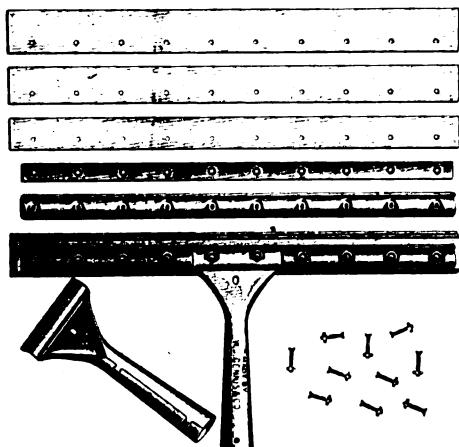
Light and Strong, Galvanized Iron Frame, 20 Gauge Galvanized Steel Bolted Handle, $\frac{1}{8}$ inch Pure Gum Rubber Wiper.

Nos.	010	012	014	016
Length, inches	10	12	14	16
Per Dozen	\$2.70	3.00	3.40	4.30

The stock used in this Cleaner is of the very highest quality and excellent workmanship, makes the very best cleaner on the market.

One Dozen in a Box.

IDEAL TAKE-DOWN



Brass Plated Steel Frame, Detachable Handle.

Per Dozen

No. 88—16 inch Steel Frame, Detachable Steel Handle, with Three Rubber Wipers\$18.00
The best pure gum rubber is used in these Cleaners, and they will give perfect satisfaction.

One-twelfth Dozen in a Box.

FLOOR SCRAPERS

STANDARD

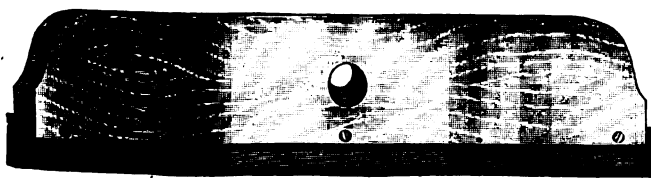


Hardwood Block, $\frac{1}{4}$ inch Rubber, with $4\frac{1}{2}$ foot Handle.

Nos.	40	41	42
Length, inches	12	14	16
Thickness Block, inches	$\frac{3}{4}$	1	1
Per Dozen	\$5.20	5.70	6.30

Open Stock.

FRANKO



Clear Hardwood Block, $\frac{3}{8}$ inch Best Quality Rubber, $4\frac{1}{2}$ foot Handle.

Per Dozen

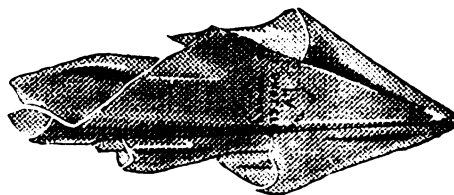
No. 16—16 inches Long, 1 inch Thick\$8.00
This Cleaner is made of selected material and substantially put together to stand up under hard and rough use.

FLOOR SCRAPER HANDLES

Per Dozen

No. FH— $4\frac{1}{2}$ feet Long, Clear Hardwood\$1.00

ABSORBING DUST CLOTHS



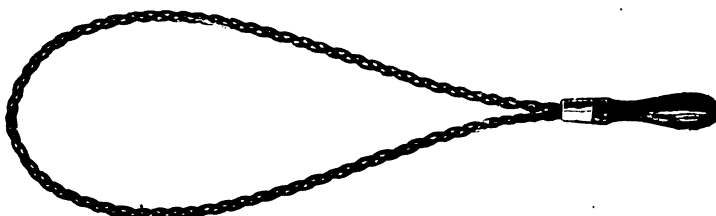
Per Dozen

No. LV—Made of a New Fluffy Fabric, "Crepette," Remarkable for the Great Amount of Dust and Dirt it Picks up and Carries Away Before Washing Becomes Necessary, Can be Washed with Warm Water and Soap, then Treated Again with Liquid Veneer...\$3.00

Imparts a beautiful brightness and lustre to your piano, furniture and woodwork.

CARPET BEATERS

DANDY



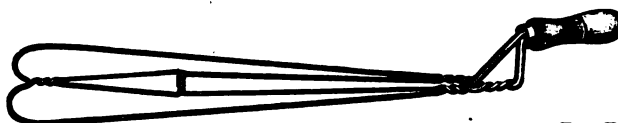
Per Dozen

No. 4—31 inches Long, 10 inches Wide, Three No. 17 Galvanized Steel Spring Wires, Braided, Heavy Wood Handle, with Ferrule.....\$1.80

Weight Per Dozen $8\frac{1}{2}$ Pounds.

One Dozen in a Bundle.

JUST RIGHT



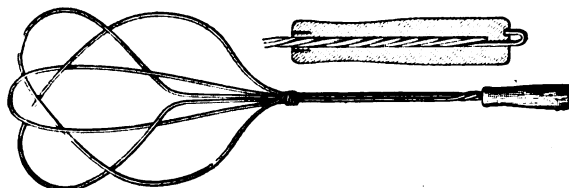
Per Dozen

No. 30—30 inches Long, No. 10 High Grade Market Spring Wire, Coppered, Double Braced Bent Shank and Raised Brass Ferruled Wood Handle to Protect the Knuckles, Has 175 inches of Level Beating Surface\$1.80

Weight Per Dozen 9 Pounds.

One-half Dozen in a Bundle.

HOLT'S



Tinned Spring Wire, Six at Head, Four in Shank, Plain Wood Handle, Wire Runs Through Handle.

Per Dozen

No. 13—No. 13 Outside Wires, No. 12 Center Wires, $9 \times 11\frac{1}{2}$ inch Head, 26 inches Long Over All, Weight Per Dozen $4\frac{3}{4}$ Lbs.\$1.40

No. 12—No. 12 Wire, $9\frac{1}{2} \times 12$ inch Head, 28 inches Long Over All, Weight Per Dozen $5\frac{1}{2}$ Lbs. 1.60

No. 11—No. 11 Wire 10×14 inch Head, 32 inches Long Over All, Weight Per Dozen $8\frac{1}{4}$ Lbs. 2.40

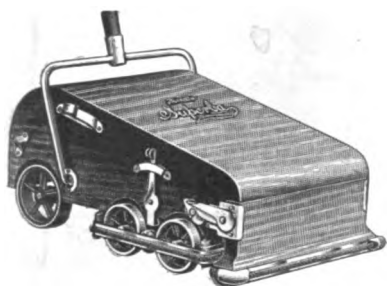
No. 10—No. 10 Wire, 10×15 inch Head, 35 inches Long Over All, Weight Per Dozen 12 Lbs. 3.00

One Dozen in a Bundle.

VACUUM SWEEPERS

BISSELL'S SUPERBA

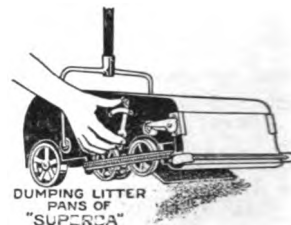
Elegant Curved Case of Crotch Mahogany or Golden Quartered Oak Veneer, Nickel Plated Trimmings, "No-Mar" Rubber Corner Cushions.



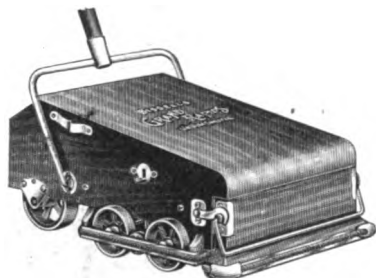
Superba—17 1/4 Inches Long, 12 Inches Wide, 7 1/2 Inches High \$11.34 Each

Features—The Rear-Opening Dust Bag is attached to the nozzle as one piece. Has "free-air" bellows boards which eliminates back-pressure and overcomes operating resistance. Efficient and simple acting nozzle-locks. "No-Mar" rubber corner cushion furniture protectors. Four-Wheel Brush Drive. Big steel frame dust receptacle. Triple bellows of best material and construction. Substantial malleable iron bail. Fibre main bearings.

Weight Per Dozen 210 Pounds.
One-twelfth Dozen in a Carton.



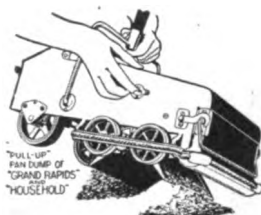
BISSELL'S GRAND RAPIDS



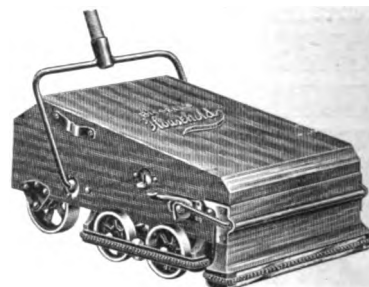
Mahoganized Sycamore Case, Nickered Fittings, "No-Mar" Rubber Corner Cushions. Each
Grand Rapids—16 1/2 Inches Long, 12 Inches Wide, 7 1/2 Inches High \$9.34

Features—The Rear-Opening Dust Bag is attached to the nozzle as one piece; free-air passage eliminates back pressure and overcomes operating resistance; extra convenient nozzle-locks; "No-Mar" rubber corner cushion furniture protectors; four-wheel brush drive; roomy rigid box bag; large triple bellows; solid malleable iron ball; automatic adjustment; fibre main bearings.

Weight Per Dozen 195 Pounds.
One-twelfth Dozen in a Carton.



BISSELL'S HOUSEHOLD



Sycamore Case, Mahogany Finish, Japanned Fittings. Each
Household—16 1/2 Inches Long, 11 1/2 Inches Wide, 7 1/4 Inches High \$7.50

The "Household" will amply meet the demand for a good vacuum cleaner at a very low price. It embodies Bissell efficiency and convenience, but is housed in a plainer although neat and strong built case. It does not have the "No-Mar" rubber corner cushions.

The nozzle locks are different, but the bag emptying and pan dumping features are same as in the "Grand Rapids."
Weight Per Dozen 186 Pounds.
One-twelfth Dozen in a Carton.

CARPET SWEEPERS

UNIVERSAL, "CYCO" BEARING



Per Dozen
No. 15N—Nickel Plated Trimmings, Nut Brown Fumed Oak, Golden Fumed or Mahoganized Sycamore Finished Case \$54.00
No. 10J—Japanned Trimmings, Otherwise Same as No. 15N 48.00
Has the original "Cyco" Bearings instead of the improved "Cyco" Ball Bearings. The brush is of the best quality and both pans dump at one operation.
Shipping Weight Per Dozen 95 Pounds.

GRAND RAPIDS, BALL BEARING



Per Dozen
No. 30N—Nickel Plated Trimmings, Nut Brown Fumed Oak, Golden Fumed or Mahoganized Sycamore Finished Case, "No-Mar" Rubber Corner Cushions \$58.00
No. 20J—Japanned Trimmings, Otherwise Same as No. 30N. 52.00
Has all the Bissell improvements and best quality brush. Pans dump at one operation.
Shipping Weight Per Dozen 100 Pounds.

AMERICAN QUEEN, BALL BEARING



Per Dozen
No. 25N—Heavily Nickel Plated Trimmings, Plain Mahogany Veneer Case, Hand Polished, "No-Mar" Rubber Corner Cushions \$64.00
A very fine machine. The end plates and fittings are attractive in design. Has all the Bissell improvements and best quality brush. Each pan dumps separately.
Shipping Weight Per Dozen 110 Pounds.

BISSELL FEATURES

"Cyco" Ball Bearings, Dust Proof Axle Tubes, "No-Mar" Rubber Corner Cushions, Reversible Bail and Anti-Tipping Device, Anti-Ravelers, Metal Ferruled Handle, Black Japanned Pressed Steel Pans, Pressed Steel Wheels, High Grade Brushes.

ELECTRIC VACUUM CLEANERS

MODEL 16 CADILLAC

A Health and Labor Saver in the Home.

Always ready for use. Attach plug to any electric light socket. Simple to operate. Rollers allow machine to run easy over Carpets, Rugs and all floor coverings. Costs less than one cent per hour to operate.

It is simplicity itself, having but two mechanical parts, a motor and fan. The total weight of machine is but nine pounds.

The men behind the Cadillac Electric Vacuum Cleaner have made it their business and have been connected with this industry for the past fourteen years. We have many imitators, but there is only one Cadillac.

We want to save every woman's back, her health and beauty, and this can only be done by eliminating the necessity of cleaning in the old-fashioned way. Throw away the broom, carpet sweeper and beater and adopt the "Cadillac Way" and your home will be clean every day instead of twice a year. Be progressive and adopt the Twentieth Century method of cleaning.

Highest Grade Polished Cast Aluminum.

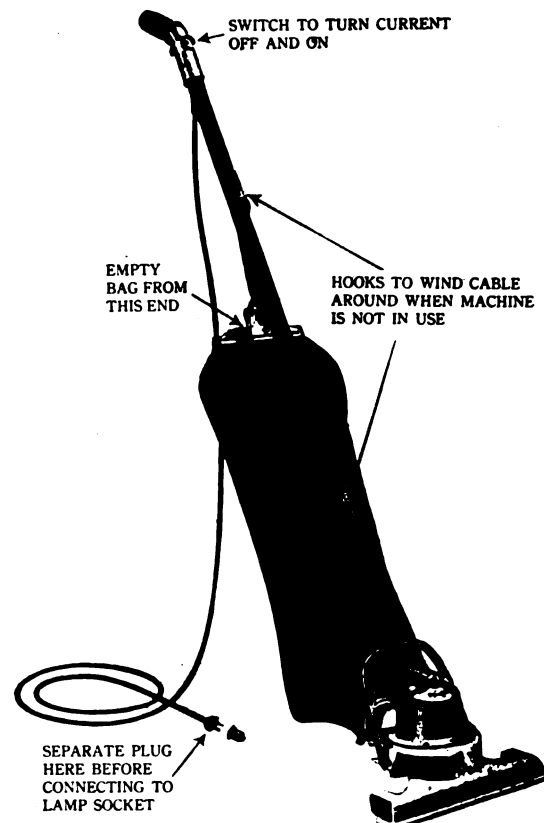
No. 16—Motor Housing 8 inches High, Total Height 52 inches, Nozzle 12 inches, Weight 9 Lbs., Complete with Cord and Plug, for 110 Volts \$30.00

Extra Attachments—Complete Set as Shown Below 7.50

Weight Complete 11 Pounds.

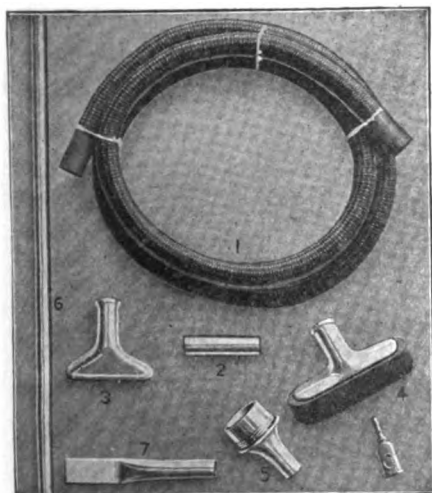


Save Your Back with a Cadillac.



The Complete Outfit.

EXTRA ATTACHMENTS FOR CLEANING EVERYTHING



For Both Cadillac and Reliable.

- No. 1—Nine feet of Best Covered Hose.
- No. 2—Nipple for Hose to Connect Attachment No. 3 or 4.
- No. 3—Nozzle for Furniture, Draperies, Mattresses, etc.
- No. 4—Brush for Clothes, Woodwork, etc.
- No. 5—Hose Connection, Used to Connect Hose to Machine.
- No. 6—Extension Handle to Reach High Places.
- No. 7—Tool for Cleaning Books and Radiators.

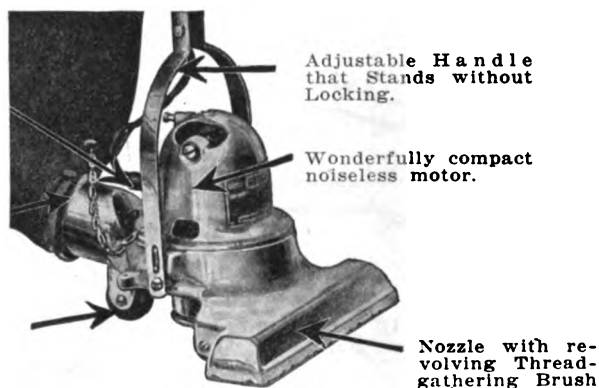
In the unreachable places—wherever dirt gathers—the "Cadillac" and "Reliable" will get it.

RELIABLE

High Grade Wire Connection behind motor. Never in the way.

Bag connection slips on and off without effort.

Caster with curved edges that can't injure floor.



High Grade Polished Cast Aluminum.

No. 21—Motor Housing 7 inches High, Total Height 54 inches, Wide Nozzle, Complete with Cord and Plug, Weight 8 Lbs., for 110 Volts.....\$22.50

Extra Attachments—Complete Set as Shown..... 7.50

Weight Complete 10 Pounds.

Here, at last, is your electric cleaner at a price you can really afford. Look at the "Reliable." A staunch and sturdy little dust and dirt gatherer that weighs but 8 pounds; that can be carried all over the house in one hand; that picks up those tantalizing threads, lint and hair with ease.

And the "Reliable" cleans everywhere—in the corners, under furniture, pictures and draperies, bedding—everything that gathers dust.

It has features of excellence that are unique in electric cleaner design. The wide nozzle with corrugations along the bottom to admit surface dirt, an exclusive feature; the revolving brush that gathers threads and other aggravating surface litter; the simple little bag-clamp that requires no juggling, that makes dirt-stained fingers impossible; the adjustable handle with convenient wood grip and push button switch; the patented hose connection that automatically shuts off air through the nozzle when attachments are used.

Only the best grade of highly polished aluminum castings are used, all parts are machined with a care and attention to detail that eliminates noise and rattle. Every machine is subjected to a thorough test, and passes through a rigid system of inspection in the making, that insures perfection in the finished product.

PLATE SCRAPERS



Kitchen Kumfort — 2½ Inches Wide, 6 Inches Long, Specially Prepared White Rubber, Black Enameled Wood Handle with Screw Eye in End, Weight Per Dozen 1 Lb. \$1.40
One Dozen on a Display Card.

POT CLEANERS



No. 845—6½ Inch Tinned Wire Handle, Coppered Wire Rings \$1.50
One Dozen in a Box.

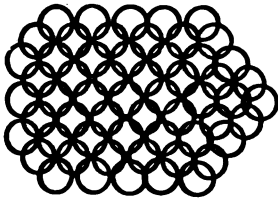
VEGETABLE SKIMMERS



No. 1—4¼ Inches Diameter, Tinned Wire, Red Stained Wood Handle, Weight Per Dozen 3 Lbs. \$0.90
One Dozen in a Package.

POT CLEANERS

RINGED



No. 2A—4¾ x 4¾ Inches, Two Ring, Bright Wire \$1.00
No. 2C—4¾ x 4¾ Inches, Three Ring, Bright Wire 1.20
No. 4C—6x6 Inches, Three Ring, Bright Wire 2.40
No. 2B—4¾ x 4¾ Inches, Two Ring, Nickeled Wire 1.30
One Dozen in a Package.

SENSIBLE



No. 25—5½ x 3½ Inch Chain, 10½ Inches Long, Nickel Plated Handle, Bright Rings, Weight Per Dozen 3½ Lbs. \$2.00
One Dozen in a Box.

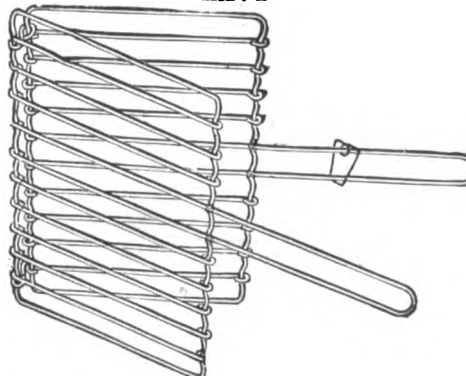
POT COVER HOLDERS



No. 301—No. 11 Tinned Wire, Holds Covers up to 12 Inches Diameter \$0.70
One Dozen in a Package.

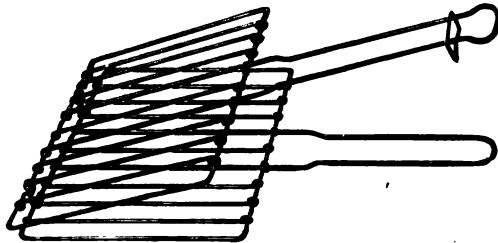
BROILERS
REVERSIBLE

HEAVY



No. 11 Wire Frame, No. 14 Wire Bars, 1 Inch Space Between Bars, Retinned.
Nos. 2L 3L 4L
Width, Inches 10 12 14
Length, Inches 9 9 9
Per Dozen \$2.40 3.00 3.60
One-half Dozen in a Package.

LIGHT

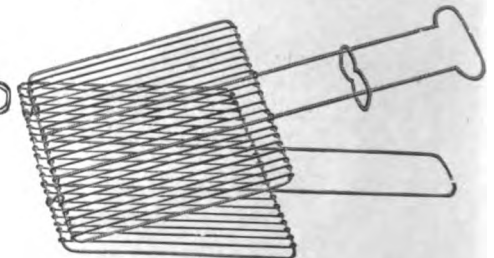


No. 13 Wire Frame, No. 16 Wire Bars, 1 Inch Space Between Bars, Retinned.

Nos. 1J 2J 3J
Width, Inches 8 10 12
Length, Inches 9 9 9
Per Dozen \$1.65 1.80 2.00

One-half Dozen in a Package.

OYSTER



No. 11 Wire Frame, No. 16 Wire Base, 1 Inch Space Between Bars, Retinned.

Nos. OCC 1CC 2CC
Width, Inches 6 8 10
Length, Inches 9 9 9
Per Dozen \$3.50 4.20 5.00
One-half Dozen in a Package.

VEGETABLE BOILERS



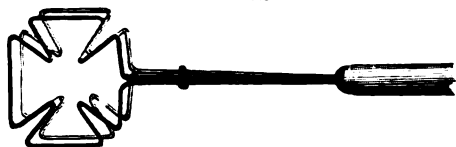
Retinned Wire, with Bail.
Nos. 1C 2C 3C 4C
Diameter, Inches 6 7 8 9
Weight Per Dozen, Lbs. 3¼ 4 4½ 5½
Per Dozen \$1.50 1.75 2.00 2.25
One Dozen in a Package.

POTATO FRYERS



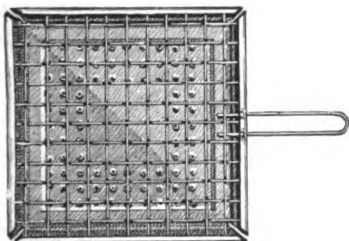
No. 2E—Saratoga Potato Fryer and Berry Washer, 2½ x 7½ Inches, Tin Rim, Fine Mesh, Adjustable Lock Ball \$3.00
One Dozen in a Package.

CROSS



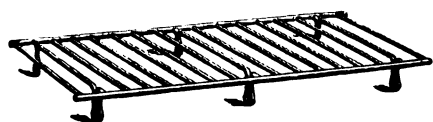
Per Dozen
No. 1C—18 inches Long, No. 14
Coppered Wire, Plain Wood
Handle\$0.60
One Dozen in a Package.

ANDROCK



For Use on Any Kind of Stove.
Per Dozen
Androck—9x9 Inches, Cold Rolled
Steel, Double Crimped Wire
Cloth Bread Rest, Tinned
Wire Handle, Heat Deflect-
ing Bottom\$1.60
A perforated dished up body, with
guards on all four sides to prevent the
escape of heat. All heat from flames
rises up through 96 small funnels
against the bread. Toasts evenly and
quickly.

MEAT RESTS



Tinned Steel Wire.

Nos.	1M	2M
Width, Inches	8 1/2	8 1/2
Length, Inches	11	12 1/2
Per Dozen	\$3.00	\$3.80

One Dozen in a Package.

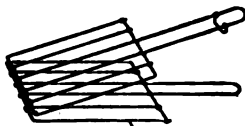
SPONGE BASKETS



Per Dozen
No. 2A—8x5 1/2 Inches, Light
Twisted Wire, Tinned.....\$4.50
One-half Dozen in a Package.

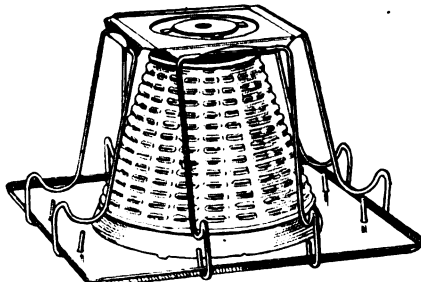
TOASTERS

REVERSIBLE



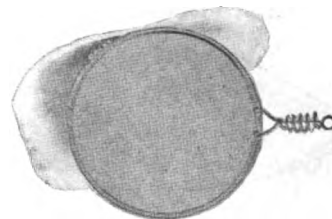
Retinned, 1 Inch Space Between Bars.
Nos. A B
Width, Inches 6 6
Length, Inches 8 9
Per Dozen \$0.80 .90
One-half Dozen in a Package.

WILSON



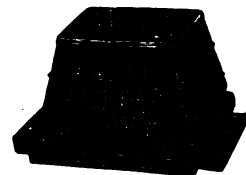
For Gas, Gasoline, Oil Stoves and
Ranges.
Per Dozen
Wilson—4 3/4 Inches High, 7 1/2 x
7 1/2 Inch Bottom, 4x4 Inch
Top, Sheet Iron Top and Bot-
tom, Perforated Drum, Four
Wire Bread Holders, Weight
Per Dozen 10 Lbs.....\$3.20
Will toast four pieces of bread at one
time. Ventilated top for steeping tea
or coffee.

CROWN ASBESTOS



Per Dozen
No. 100—8 5/8 Inch Diameter,
Metal Bound, Top Surface
Wire Covered, Lower Surface
Sheet Steel Covered, Alaska
Cold Handle\$1.90
One Dozen in a Box.

COMMON SENSE

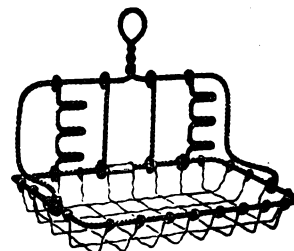


For Gas, Gasoline, Oil Stoves and
Ranges.
Per Dozen
No. 20—Common Sense, 4 Inches
High, 7 1/2 x 7 1/2 Inch Bottom,
4 1/4 x 4 1/4 Inch Top, Solid Top,
Perforated Sides, Four Cop-
pered Wire Bread Holders,
Weight Per Dozen 10 Lbs...\$2.00
The solid top reflects all the heat
down, utilizing all the gas used. Will
toast four pieces of bread at one time.

SOAP DISHES

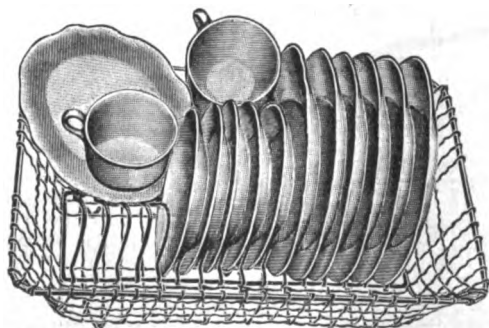


For Hanging Between Faucets.
Per Dozen
No. 414—6x3 1/2 Inches, No. 11
Tinned Wire Frame to Hang
Over Faucets, Dish is Made of
No. 17 Tinned Wire Woven
One-half Inch Mesh, Weight
Per Dozen 2 1/2 Lbs.....\$1.50
One Dozen in a Box.

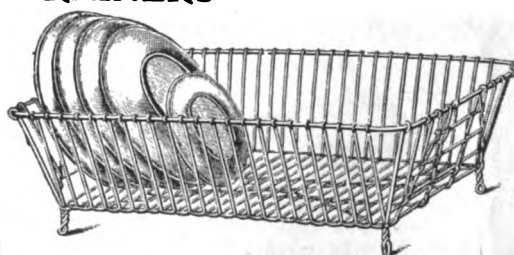


Per Dozen
No. 5—6 1/4 x 4 x 1 Inch, Retinned,
Twisted Wire Frame, with
Tooth and Nail Brush Rack...\$1.40
One Dozen in a Box.

DISH DRAINERS



Per Dozen
No. 25—12x16 1/2 Inches, Heavy
Retinned Wire with Rack at
Bottom to Prevent Dishes
from Sliding\$8.00
The rack holds each plate or saucer
upright so that they can be washed.
One-quarter Dozen in a Package.



No. 3.
Per Dozen
No. 1—12x16 1/2 Inches, Heavy
Retinned Wire, Twisted Cor-
ner Feet\$ 4.00
No. 3—Hotel Size, 15x20 Inches,
Extra Heavy Retinned
Frame, No. 6 Wire, Filling
No. 13 Wire 10.50

SINK STRAINERS

MRS. VROOMAN'S



Perforated Bottom and Sides.

- No. V9—9½x10½ inches Across Top, 5¼ inches High, Tin, Fine Blue Enameled Finish, No. 11 Steel Wire Stand Electrically Welded and Heavily Retinned, Weight Per Dozen 7 Lbs.\$2.30
One Dozen in a Box.

AUNT DINAH'S



Perforated Bottom and Sides.

- No. V16—8x9 inches Across Top, 4 inches High, Tin, Hard Baked Blue Enamel Finish, Bottom and Feet are Made of One Piece of Sheet Steel, Weight Per Dozen About 7 Lbs.\$1.60
One Dozen in a Box.

SANITARY



Perforated Bottom and Sides.

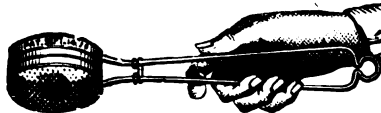
- No. 100—8¾x8¾ inches Across Top, 4¾ inches High, Plain Tin, Wide Top Flange Reinforced with Heavy Wire for Strength, Bottom Double Seamed to Body, Weight Per Dozen 8 Lbs.\$2.30
No. 200—Same as No. 100, but Blue Japanned, Weight Per Dozen 8 Lbs. 2.50

LAMP CHIMNEY CLEANERS



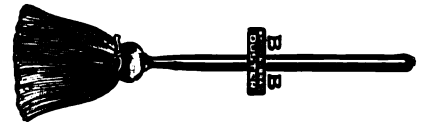
- No. 962—12 inches Long, Tinned Wire Twisted Shank, Enamelled Wood Handle.\$1.00
Combined lamp chimney cleaner, dish cloth holder and cork puller.
One Dozen in a Package.

SOAP HOLDERS



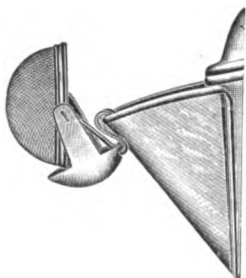
- No. 904—12 inches Long, 2¾ inch Diameter Tin Body, Wire Cloth Top and Bottom, Wire Handle, Retinned, Weight Per Dozen 2 Lbs.\$1.00
One Dozen in a Box.

DISH MOPS



- No. 2M—12 inches Long, 9 inch Wood Handle, Good Weight Cotton\$0.80
One Dozen in a Bundle.

ANDROCK NO-DRIP



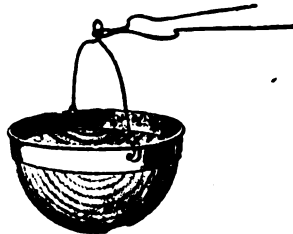
- No. L1—1¾ inch Diameter, 30 Mesh Brass Cloth, Brass Silver Plated, Wire Spout Grip, Self-Adjusting, No-Drip.\$1.50
One Dozen in an Attractive Display Box.

HANDY



- No. 13—4 inch Diameter, Hole in Handle\$0.90

WIRE STRAINERS SPOUT



Tinned.

- No. 10—1¼ inch Diameter, Plain Cloth, Tin Rim.\$0.40
No. 1062—1½ inch Diameter, Twilled Cloth, Tin Rim.70
One Dozen in a Box.

ANDROCK



- No. L20—1¾ inch Diameter, No. 30 Mesh Brass Cloth Bowl, Brass Rim and Handle, Silver Plated\$1.50
One Dozen in a Display Box.

TEA BALLS



- No. 1B—1½ inch Diameter, Tinned Fine Mesh Wire Cloth, Tin Rim, Hinged Back, Wire Catch, Weight Per Dozen 1 Lb.\$2.00
One Dozen in a Carton.

HANDLED



- Tin Rim, Black Enameled Handle.
Nos. 1A 2A 3A
Diam., Inches.... 2½ 3¼ 4
Per Dozen \$1.30 1.50 2.00
One Dozen in a Box.

EXTENSION

- | Tinned Fine Mesh Wire Cloth, Tin Rim, | Wire Sliding Rests. | | |
|---------------------------------------|---------------------|------|------|
| Nos. | 1 | 2 | 3 |
| Diam., Inches.. | 5 | 6 | 8 |
| Wt. Doz., Lbs.. | 3 | 4½ | 6 |
| Per Dozen | \$2.40 | 3.60 | 5.30 |
- One Dozen in a Box.



BOWL

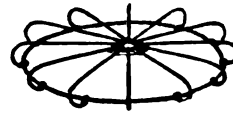
- | Tinned Fine Mesh Wire Cloth, Tin Rim, Wire Handle and Rests. | |
|--|--------|
| No. | 2B |
| Diameter, Inches | 5 |
| Weight Per Dozen, Lbs. | 3 |
| Per Dozen | \$0.80 |
- One Dozen in a Box.



TEA AND COFFEE POT STANDS



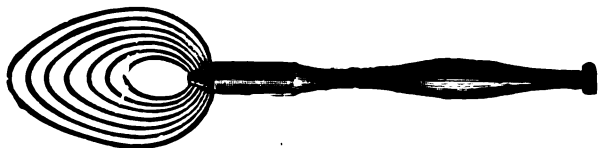
No. 1S—6 ½ inches in Diameter, 24 Wires, Tinned.....\$1.30
One Dozen in a Box.



No. 3S—6 ½ inches in Diameter, 12 Wires, Tinned.....\$0.90
One Dozen in a Box.

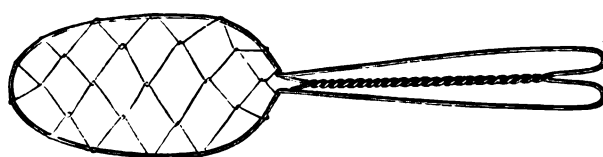
EGG BEATERS

SPOON



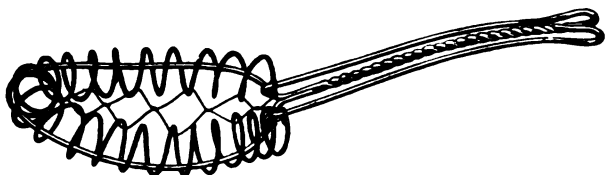
No. 10—12 inches Long, No. 16 Tinned Wire Bowl,
Red Stained Wood Handle.....\$0.90
One Dozen in a Package.

SURPRISE



No. 3414—10 inches Long, Tinned Wire\$0.40
No. 3412—10 ¼ inches Long, Extra Heavy, Tinned
Wire 65
One Dozen in a Box.

ELECTRIC



No. 34E—10 ½ inches Long, No. 13 Wire Frame, with
No. 19 Wire Spring Coil Encircling the Oval Por-
tion of Frame, Laced Together with Fine Wire on
the Inside, Retinned After Making.....\$0.80
One Dozen in a Box.

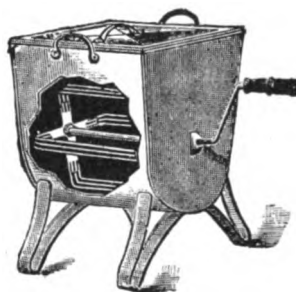
VAN DEUSEN



No. 80—Family Size, Stamped from One Piece of Tin
Plate\$1.00
No. 81—Hotel Size, Stamped from One Piece of Tin
Plate 2.00

CREAM AND EGG WHIPS

MRS. RORER'S



Heavy Polished Tin Body, Remov-
able Tinned Wire Dasher,
Enameled Handle.

Nos.	1R	2R	3R
Cap'y, Pints.	3	6	9
Wt. Doz., Lbs.	20	22 ½	30
Per Dozen...	\$14.50	20.50	26.00

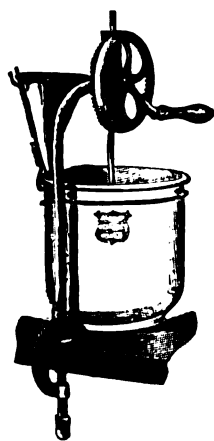
Saves time and labor in whip-
ping cream, beating eggs, mixing
batters, icings, salad dressings,
fruits, etc.

One in a Package.

MAYONNAISE MIXERS

CHRISTY'S

Combined Mayonnaise Mixer and Cream
Whip.



No. 1—1 ½ Pints Capacity, China
Mixing Bowl Encircled by a
Wire Band, Nickel Plated
Cone Shaped Reservoir with
Regulator on Inside, Egg
Beater and Cream Whip has
Two Small Gear Wheels on
the Shaft Engaging the Large
Wheel at the Top and Bot-
tom, Causing the Fliers to
Whirl Both Ways, Complete
with Standard, Weight Per
Dozen 45 Lbs.....\$21.00

All parts of these Mixers are made as
perfect as possible, cogs mesh together
perfectly and the machine operates
smoothly and steadily.

One in a Carton.

HOLT'S

Combined Mayonnaise Mixer and Cream Whip.

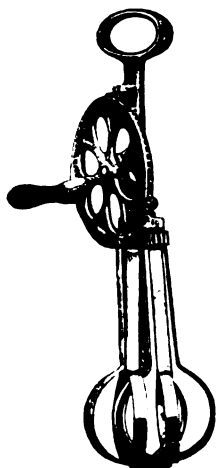


No. 100—1 Quart Capacity, Japanned
Handle and Gear, Tinned Flare
Dashers, Tin Oil Dripper with Regu-
lating Valve, 1 Quart Glass Jar,
Gears have Long Deep Cogs, has 6
Projections on Bottom of Jar so it
Will Stand, Weight Per Dozen 36
Lbs.\$18.00

The bottom of the jar is round, sloping from
the sides to the center, so you can beat the yolks
of two eggs for mayonnaise. The dripper gives
perfect control of the oil so it can be applied
drop by drop or by stream.

One in a Box.

EGG BEATERS



No. 30.



Nos. 80 and 82.

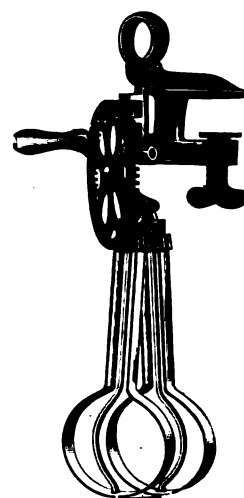
Per Dozen

- No. 30—Dover Quadruplex, Extra Family Size, 11½ Inches Long Over All, Retinned Wire and Castings, Has a Third Pinion which Prevents Wheels from Slipping, a Quick Beater, Weight Per Dozen 6 Lbs. **\$6.00**
- No. 80—Dover, Family Size, 10¼ Inches Long, Lacquered Iron Castings, Weight Per Dozen 4¾ Lbs. **1.40**
- No. 82—Same as No. 80, but Electro Tinned, Weight Per Dozen 4¾ Lbs. **1.80**

One Dozen in a Box.



No. 140.



Nos. 3½ and 3.

Per Dozen

- No. 140—Dover Hotel Size, Light Pattern, 12½ Inches Long, Lacquered Iron Castings, Weight Per Dozen 11½ Lbs. **\$3.00**
- No. 3½—Dover, Hotel Size, 12½ Inches Long, Lacquered Iron Casting with Table Clamp, Weight Per Dozen 14 Lbs. **5.50**
- No. 3—Same as No. 3½, but without Table Clamp, Weight Per Dozen 18 Lbs. **4.30**

No. 140, One-half Dozen; Nos. 3½ and 3, One Dozen in a Box.



Per Dozen

- No. 2D—Dover, Family Size, 10 Inches Long, Lacquered Iron Casting, Tinned Blades, Weight Per Dozen 5½ Lbs. **\$1.70**

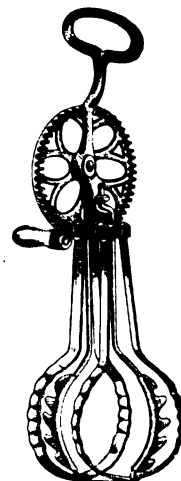
One Dozen in a Carton.



Per Dozen

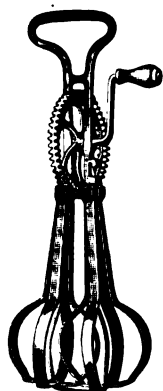
- No. 2L—Lyon, Family Size, 10½ Inches Long, Bronzed Handle, Cold Rolled Steel, Buffed, Iron or Tin Whips, Weight Per Dozen 6¾ Lbs. **\$3.00**

One Dozen in a Box.



Per Dozen

- No. A—Holt's, 10½ Inches Long, Japanned Handle and Gears, Tinned Crimped Flared Washers, Weight Per Dozen 6 Lbs. **\$2.40**



Per Dozen

- No. 452—Taplin's, Family Size, 10½ Inches Long Over All, 8 Blades, Double Dasher, Center Drive, Lacquered Iron Handle and Frame, Weight Per Dozen 7 Lbs. **\$3.70**

The drive wheel is placed between the small pinions and all parts are so supported that the gears cannot skip or bind, no matter how severe the strain put on the beater.

One Dozen in a Box.



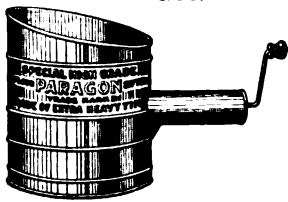
Per Dozen

- No. AA—Holt's, Combined Eggbeater, Cream Whip and Mayonnaise Mixer, 10½ Inches Long, Crimped Flared Tin Dashers, Special Shaped Handle to Hold Oil Dripper, Lacquered Castings, Complete with Oil Dripper, Weight Per Dozen 9 Lbs. **\$5.20**

The oil dripper has a pointed screw that turns down into an eyelet and gives perfect control of the oil so it can be applied drop by drop at first. The dripper can be applied or removed in 5 minutes.

One-half Dozen in a Box.

PARAGON

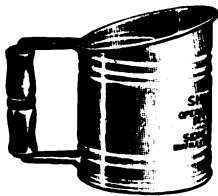


Per Dozen

No. 20—Heavy Bright Tin Body, Tinned Wire Agitator and Screen, Rotary Handle Crank\$2.65

These Sifters have the new removable bottom which can be replaced at a very trifling expense when worn out.

SHAKER

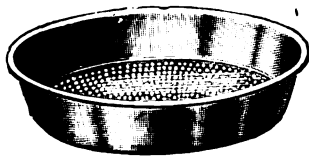


Per Dozen

Shaker—Bright Tin Body, Wood Handle, Tinned Wire Screen.\$4.30
Shaking the Sifter sideways agitates the scraper inside, only one hand required, leaving other free for mixing or kneading.

One Dozen in a Box.

CHAMPION



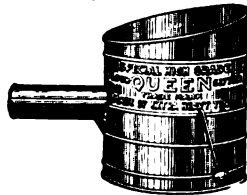
Seamless Tin Rim, Perforated Bottom.

No. 2—12 3/4 inch Diameter, 2 3/4 inches Deep.....\$2.00

One Dozen in a Package.

FLOUR SIFTERS

QUEEN



Per Dozen

No. 21—Heavy Bright Tin Body, Tinned Wire Agitator and Screen, Agitator Crank on Side\$2.65
One Dozen in a Box.

GEM



Per Dozen

No. 30—Combination Sifter and Strainer, Best Quality Tin Plate, Heavy Wired Rim, Removable Agitator, Can be Used as a Dredge, or as a Soup, Gravy, Fruit or Wine Strainer, Weight Per Dozen 8 Lbs.\$2.80
One Dozen in a Box.

FLOUR SIEVES

PRIZE



Per Dozen

Prize—Extra Heavy Tin Body, Highly Nickel Plated and Polished, Tinned Wire Agitator and Screen, Agitator Crank on Side, Rosewood Handle\$4.60
One Dozen in a Box.

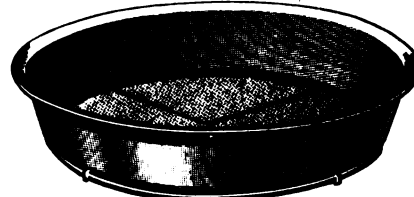
ONE CUP



Per Dozen

No. 0—Bright Tin Body, Upright Back Handle, Side Crank, Tin Agitator\$1.80
Fill it up with flour and you have just one cup full; saves necessity of measuring and of keeping an extra cup in the flour bin.
One Dozen in a Carton.

BUFFALO METALLIC



Seamless Sides, Bottom Seamed in Covered Wires Under Bottom.

	Blued Wire Cloth			Tinned Wire Cloth		
Mesh Nos.	16	18	20	X16	X18	X20
Per Dozen	\$2.40	2.50	2.60	2.60	2.70	2.80

One Dozen in a Box.

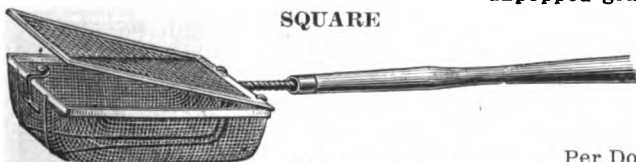
CORN POPPERS

DELPHOS

Delphos—9x7x3 1/2 inch Pan, Uniform Color Blued Sheet Steel, Perforated Sunken Butter Drainer, 16 inch Handle, Weight Per Dozen 20 Lbs.....\$3.60
Lid is opened and closed by means of a tinned wire rod running through handle without burning the fingers. Has perforations in cover for shaking out unpopped grains.

One Dozen in a Box.

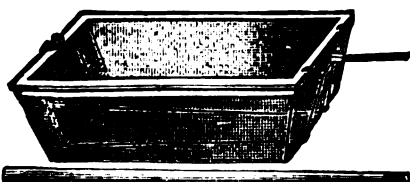
SQUARE



Per Dozen

No. 1—One Quart, Wire Body and Lid, Tin Bound Edges, Red Stained Screw Wood Handle, Weight Per Dozen 5 1/2 Lbs.....\$2.00
Six Dozen in a Box.

EXTRA LARGE

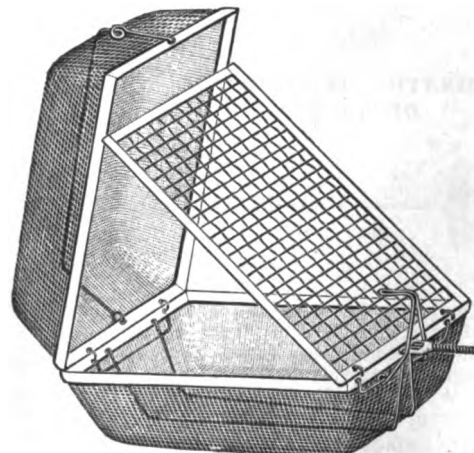


Tinned Steel Wire Body and Lid, Tin Bound Edges, Red Stained Screw Wood Handle.

No.	6	7	8
Capacity, Quarts	1 1/2	2	4
Weight Per Dozen, Lbs.	6	7 1/2	8 1/2
Per Dozen	\$2.80	3.30	8.00

Nos. 6 and 7, Six Dozen; No. 8, Two Dozen in a Box.

REVERSIBLE



Per Dozen

No. 835—Capacity 1 1/2 Quarts, Wire Cloth Body, Wired Bottom and Top, Tin Frame, Stained Wood Handle, Partition in Center, Unpopped Corn Goes into Empty Side, Weight Per Dozen 8 Lbs.....\$3.50

THREADED

BASTING SPOONS

FORGED

Solid, Retinned.
Light

Heavy

Nos.	010	012	014	016	12	14	16	18
Length, Inches.	10	12	14	16	12	14	16	18
Per Dozen	\$0.70	.80	1.00	1.20	1.10	1.30	1.50	1.80

One Dozen in a Package.



Flat Handle, Retinned, Extra Strong.

Nos.	312	314	316	318
Length, Inches	12	14	16	18
Per Dozen	\$1.40	1.60	1.90	2.40

One Dozen in a Package.

KITCHEN SPOONS

MIXING SPOONS

SLOTTED

PERFORATED



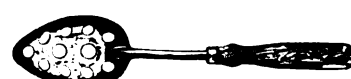
Per Dozen

No. 150—11 inches Long Over All, Retinned One Piece Steel Bowl and Shank, Reinforced with $\frac{3}{8}$ inch Rod, Antique Oak Finished Handle, Nickel Plated Ferrule, Weight Per Dozen 2 $\frac{1}{2}$ Lbs. \$1.30
One Dozen in a Box.



Per Dozen

No. 8—11 inches Long Over All, Retinned One Piece Steel Bowl and Shank, Reinforced with $\frac{3}{8}$ inch Rod, Antique Oak Finished Handle, Nickel Plated Ferrule, Weight Per Dozen 2 $\frac{1}{2}$ Lbs. \$1.30
One Dozen in a Box.



Per Dozen

No. 5—11 inches Long Over All, Retinned One Piece Steel Bowl and Shank, Reinforced with $\frac{3}{8}$ inch Rod, Antique Oak Finished Handle, Nickel Plated Ferrule, Weight Per Dozen 2 $\frac{1}{2}$ Lbs. \$1.30
One Dozen in a Box.

WROUGHT IRON

FLESH FORKS

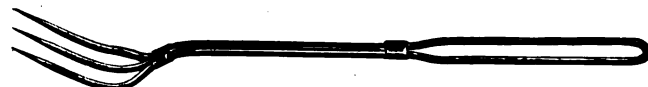
WIRE



Tinned, Three Prongs, Hook on Handle.

Inches	113	115	118
Per Dozen	\$1.50	1.75	2.00

One Dozen in a Box.



Per Dozen

No. 9—15 inches Long Over All, Three Needle Pointed Tines, No. 10 Gauge Steel Wire, Retinned, Weight Per Dozen About 1 $\frac{1}{2}$ Lbs. \$1.25
One Dozen in a Package.

CAKE TURNERS



Retinned, Flat Handle.

Nos.	213	214
Blade, Inches	2 $\frac{3}{4}$ x 3 $\frac{3}{4}$	3 $\frac{1}{4}$ x 4 $\frac{3}{4}$
Per Dozen	\$1.00	1.10

One Dozen in a Box.



Retinned, Threaded Handle.

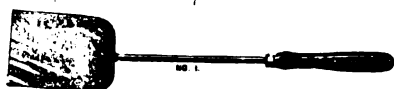
Nos.	415	416
Blade, Inches	2 $\frac{3}{4}$ x 3 $\frac{3}{4}$	3 $\frac{1}{4}$ x 4 $\frac{3}{4}$
Per Dozen	\$1.00	1.10

One Dozen in a Box.



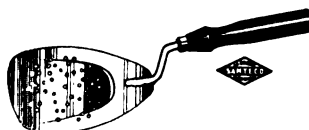
Per Dozen

No. 2—12 inches Long, 2 $\frac{3}{4}$ x 3 $\frac{3}{4}$ inch Steel Blade, Riveted Shank, Shellacked Antique Oak Finish Wood Handle, Weight Per Dozen 2 Lbs. \$0.70
One Dozen in a Box.



Per Dozen

No. 1—15 inches Long, 3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ inch Steel Blade, Riveted Shank, Shellacked Antique Oak Finish Wood Handle, Weight Per Dozen 3 Lbs. \$1.10
One Dozen in a Box.



Per Dozen

No. H60C—11 $\frac{1}{4}$ inches Long, 3 $\frac{3}{4}$ x 5 inch Perforated Countersunk Spring Steel Blade, Nickel Plated, Rubberoid Handle, Weight Per Dozen 3 Lbs. \$1.25
One Dozen in a Box.



Per Dozen

No. H69C—15 $\frac{1}{4}$ inches Long, 3 $\frac{3}{4}$ x 5 inch Perforated Countersunk Spring Steel Blade, Nickel Plated, Rubberoid Handle, Weight Per Dozen 3 $\frac{1}{2}$ Lbs. \$1.40
One Dozen in a Box.

COMBINATION TURNER AND DRAINER

KITCHEN KUMFORT TROWEL

KITCHEN SETS

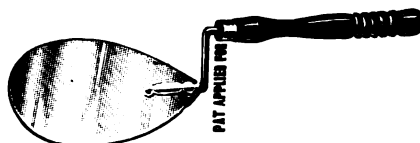


Per Dozen

No. 71—15 inches Long, 3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ inch Perforated Bright Steel Blade, Riveted Wire Shank, Shellacked Antique Oak Finished Wood Handle, Weight Per Dozen 2 $\frac{1}{2}$ Lbs. \$0.90

The perforations permit the free drainage of the grease in a manner all cooks will appreciate.

One Dozen in a Box.

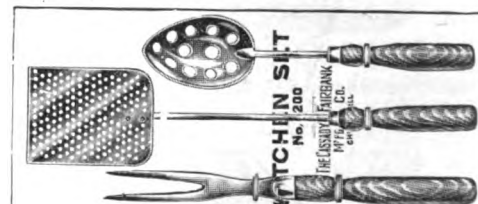


Per Dozen

Kitchen Kumfort Trowel—11 inches Long, 3 $\frac{3}{4}$ x 4 $\frac{3}{4}$ inch Nickel Plated Steel Blade, Offset Shank, Rubberoid Finished Wood Handle, Weight Per Dozen 2 $\frac{1}{2}$ Lbs. \$1.50

The handle is offset 1 $\frac{1}{2}$ inches, making it possible to get close to the side of the pan.

One Dozen in a Display Box.

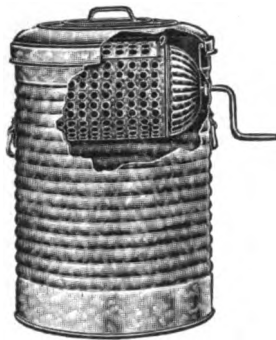


Per Dozen Sets

No. 200—Consists of One 12 $\frac{1}{2}$ inch Tinned Fork, One 11 $\frac{1}{2}$ inch Tinned Spoon and One 15 $\frac{1}{4}$ inch Nickel Plated and Buffed Perforated Cake Turner, with Shellacked Antique Finished Wood Handle, Put up on a 7 $\frac{1}{4}$ x 16 $\frac{1}{2}$ inch Card. Weight Per Dozen Sets 9 $\frac{1}{2}$ Lbs. \$4.00

ASH SIFTERS

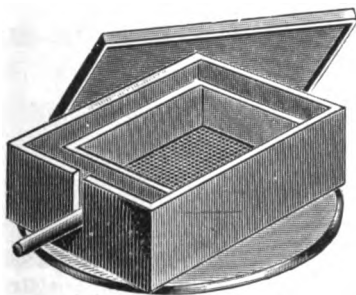
SAVEKOLE



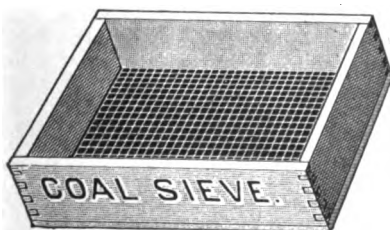
With Can.

- No. 18—17x23 Inches, Galvanized Corrugated Can, Cover Over Outside, Drop Side Handle, Removable Rotary Ash Sifter Suspended Inside of Can, a Rotary Ash Sifter and Can in One, Strong and Substantial. . . \$4.50
Each
Weight Each 14 Pounds.

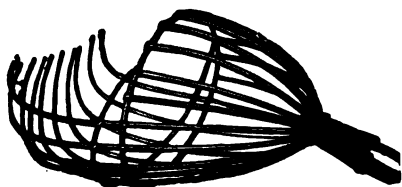
BARREL



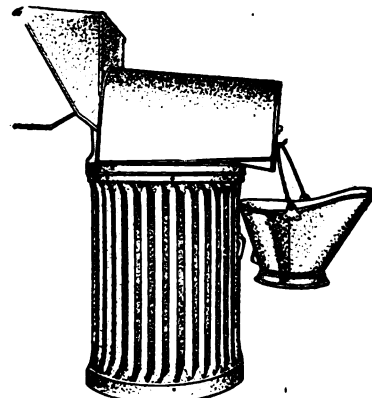
- No. 3—Barrel, Fits Over a Sugar or Flour Barrel and no Dust Can Escape . . . \$8.00
Per Dozen
Weight Per Dozen 100 Pounds.
One-half Dozen in a Crate.



- No. 1—14x15 1/4 Inches, Stained Red, Black Wire Cloth, without Handle . . . \$4.00
Per Dozen
Weight Per Dozen 23 Pounds.
One Dozen in a Crate.



FRANKO

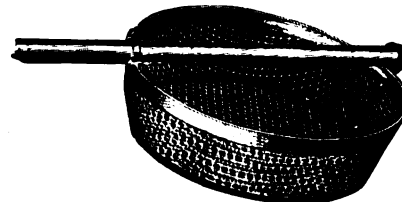


Without Can.

- Franko—Galvanized Iron, Heavy Galvanized Wire Rotary Screen, Galvanized Steel Bands at Each End, Large Hopper Riveted to Body, the Body is Lock Seamed to Heavy Stamped Cover to Fit 18 Inch Can, Weight Each 20 Lbs. \$5.00
Each

This Sifter is substantially built, lock seamed or riveted, to prevent hot ashes from damaging the sifter. The cross bars and bearings are heavy stamped steel, galvanized. Heavy galvanized stays from cover to hopper at back, making a strong support for hopper and substantial bearing for revolving shaft. Sifts ashes thoroughly and quickly. Easy to operate.
Two in a Crate.

METALLIC



- No. 4—Round, 14x4 Inches, Iron Bands on Top and Bottom, Black Wire Cloth, Stained Wood Handle. . . \$5.50
Per Dozen
Weight Per Dozen About 24 Pounds.
One Dozen in a Bundle.

SQUARE



- No. 2—Nested, Two Sizes, One Each 12x13 1/2 and 14x15 1/4 Inches, Stained Red, Black Wire Cloth, without Handle . . . \$8.80
Per Dozen
Weight Per Dozen 20 Pounds.
Two Dozen in a Crate.

FRUIT PICKERS

- Pennsylvania—Heavy Galvanized Wire Basket and Socket, Easily Adjusted to a Pole . . . \$4.80
Per Dozen

For gathering apples, peaches, pears, etc. The difficulty of detaching fruit and securing it unbruised is apparent to everyone so engaged. This picker overcomes the difficulty and saves the finest fruit, which commands the highest prices.

Weight Per Dozen 4 Pounds.

CAST HOLLOW WARE

ROUND BOTTOM KETTLES



Ground.			
Nos.	8	9	10
Wt. Each, Lbs.	8	10	12
Each	\$0.70	.85	1.00

YANKEE BOWLS.



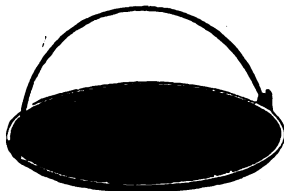
Ground.			
Nos.	3	4	5
Wt. Each, Lbs.	6 1/2	8	8 3/4
Each	\$0.55	.65	.75

SPIDERS



Ground.				
Nos.	7	8	9	10
Wt. Each, Lbs.	3 1/4	3 3/4	4 3/4	5
Each	\$0.30	.35	.40	.45

BAILED GRIDDLES



Ground.				
Nos.	12	14	16	
Weight Each, Lbs.	5	7 1/2	9 1/4	
Each	\$0.50	.65	.80	

MORTARS AND PESTLES



Japanned, Tinned Inside, with Pestle.

Nos.	4	4 1/2
Size, Inches	4	4 1/2
Wt. Each, Lbs.	3	5
Each	\$0.56	.75
Nos.	5	6
Size, Inches	5	6
Wt. Each, Lbs.	6	9
Each	\$0.84	1.31

FLAT BOTTOM KETTLES



Ground.			
Nos.	8	9	10
Wt. Each, Lbs.	7 1/2		
Each	\$0.70	.85	

SCOTCH BOWLS



Ground.			
Nos.	2	3	4
Wt. Each, Lbs.	3 3/4	5	6
Each	\$0.40	.45	.50
Nos.	5	6	8
Wt. Each, Lbs.	7 1/2		
Each	\$0.60	.70	

HANDLED GRIDDLES



Ground.			
Nos.	8	9	
Wt. Each, Lbs.	3 1/4	3 3/4	
Each	\$0.27	.30	

ROUND BOTTOM POTS



Ground.			
Nos.	8	9	10
Wt. Each, Lbs.	9 1/2	10 3/4	14 1/4
Each	\$0.85	1.00	1.25

TEA KETTLES



Plain, Not Ground.			
No.		9	
Weight Each, Lbs.		11	
Each		\$1.00	

ADAMS' HOTEL GRIDDLES



Plain, Not Ground.			
No.		10	
Size, Inches		14x26	
Weight Each, Lbs.		19 1/2	
Each		\$3.00	

LONG PANS



Shallow, Plain, Oval Ends.			
Nos.	8	9	
Weight Each, Lbs.	7	8 3/4	
Each	\$0.60	.75	

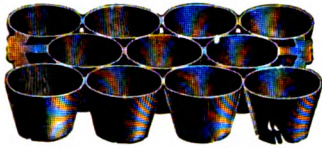
GLUE POTS



Japanned, White Enamelled Inside.				
Nos.	00	0	1	2
Pints	1/2	1	1 1/2	2
Weight Per Dozen, Lbs.	35	45	51	67
Per Dozen	\$5.50	6.00	6.75	8.40
Nos.	3	4	5	
Pints	2 1/2	4	4 1/2	
Weight Per Dozen, Lbs.	75	98	116	
Per Dozen	\$10.26	12.42	14.58	

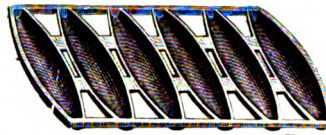
CAST HOLLOW WARE

CAST GEM PANS



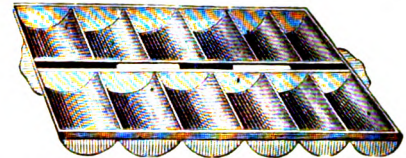
Per Dozen

No. 10—Deep Corn Cake, 11 Pans,
2 3/4 inches, Weight Per Dozen
75 Lbs.\$6.50



Per Dozen

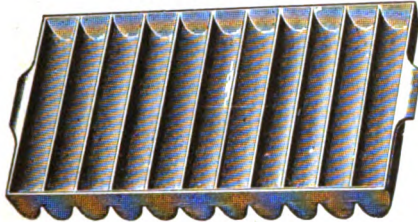
No. 16—Vienna Roll, 6 Pans,
3x6 1/4 inches, Weight Per
Dozen 32 Lbs.\$6.00



Per Dozen

No. 11—Round Bottom, 12 Pans,
2x3 1/4 inches, Weight Per
Dozen 51 Lbs.\$6.00

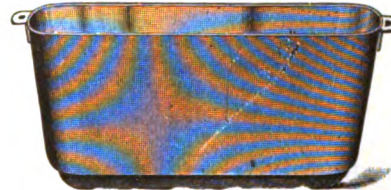
CAST GEM PANS



Per Dozen

No. 22—Bread Sticks, 11 Pans, 7 1/4 x 13 1/4 inches, Weight
Per Dozen 66 Lbs.\$6.50

HAM BOILERS



Plain, Not Ground.

Nos.	8	9
Weight Each, Lbs.	26	32
Each	\$2.25	2.50

TRIUMPH WHITE ENAMELED HOLLOW WARE

ROUND BOTTOM KETTLES



Nos.	8	9	10
Wt. Each, Lbs.	8 3/4	11	13 1/2
Each	\$0.70	.85	1.00

SCOTCH BOWLS



Nos.	3	4	5	6
Wt. Each, Lbs.	5 1/2	6 1/2	8	9
Each	\$0.45	.50	.60	.70

SPIDERS



Nos.	7	8	9	10
Wt. Each, Lbs.	3 1/2	4	5 1/8	5 1/8
Each	\$0.30	.35	.40	.50

MASLIN KETTLES



Nesco, Extra
Heavy Wrought
Steel, Black En-
ameled Outside,
Pure White En-
ameled Inside,
Improved Cover
Holder, with
Bail.

Nos.	04	06	08
Size, Inches. 9 1/2 x 4 3/4	10 1/2 x 5 1/2	11 x 6 1/2	
Wt. Dz., Lbs.	43	47	55
Per Dozen ..	\$7.50	9.00	10.50
Nos.	09	011	
Size, Inches. 11 3/4 x 6 1/2	12 1/2 x 6 3/4		
Wt. Dz., Lbs.	60	73	
Per Dozen ..	\$12.00	13.00	
Nos.	012	017	
Size, Inches. 3 x 7 1/8	14 x 8 3/8		
Per Dozen ..	\$14.50	18.00	

HAM BOILERS



Nos.	8E	9E
Wt. Each, Lbs.	25 1/2	30 3/4
Each	\$2.25	2.50

MASLIN KETTLES



Light, Lipped, White Porcelain Lined
Inside.

Nos.	2	3	4	5
Size Top, In.	7 1/4	7 3/4	8 3/4	9
Wt. Each, Lbs.	3 1/2	4 3/4	5 1/2	6 1/2
Each	\$0.60	.65	.75	.90
Nos.	6	7	8	10
Size Top, In.	9 3/4	10	10 3/8	11 1/2
Wt. Each, Lbs.	7 1/4	7 7/8	8 3/4	10 1/2
Each	\$1.10	1.20	1.30	1.40
Nos.	12	14	16	
Size Top, In.	12	13	13 1/2	
Wt. Each, Lbs.	12	13 3/4	16	
Each	\$1.50	1.75	2.00	
Nos.	18	20	24	
Size Top, In.	14	14 1/2	15	
Wt. Each, Lbs.	17 3/4	19 3/4	24	
Each	\$2.25	2.50	3.00	

EXTRA FINISH HOLLOW WARE

Extra High Grade Smooth Castings, Free from Paint, Sand Holes and Gate Marks.

LOW BULGED POTS



Nos.	8	9
Capacity, Quarts. . .	7	9
Wt. Per Dozen, Lbs. .	99	126
Each	\$1.35	1.60

REGULAR BULGED' POTS



Nos.	8	9
Capacity, Quarts. . .	9	12
Wt. Per Dozen, Lbs. .	120	132
Each	\$1.60	1.85

FLAT BOTTOM KETTLES



Nos.	8	9
Capacity, Quarts. . .	7	9
Wt. Per Dozen, Lbs. .	93	117
Each	\$1.25	1.55

REGULAR KETTLES



Nos.	8	9
Capacity, Quarts. . .	8	10
Wt. Per Dozen, Lbs. .	96	129
Each	\$1.25	1.55

LOW KETTLES



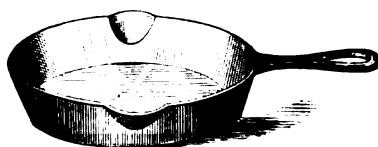
Nos.	8	9
Wt. Per Dozen, Lbs. .	87	100
Each	\$1.10	1.25

SCOTCH BOWLS



Nos.	3	4	5
Capacity, Quarts. . .	4	5	6
Wt. Dozen, Lbs. .	61	5	96
Each	\$0.82	.92	1.00

REGULAR SKILLETS



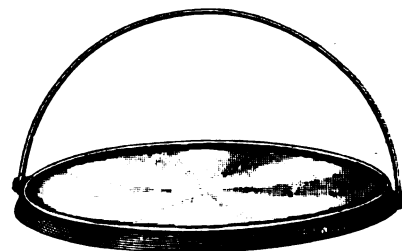
Nos.	7	8	9
Diam. Bot., inches	8 1/4	8 7/8	9 3/4
Wt. Dozen, Lbs. .	42	48	53
Each	\$0.46	.50	.58

HANDLED GRIDDLES



Nos.	8	9
Diam. Bottom, Inches	9 3/4	10 3/4
Wt. Per Dozen, Lbs. .	42	46
Each	\$0.40	.48

BAILED GRIDDLE



Nos.	12	14	16
Dia. Bottom, In. .	11 3/4	14	15 3/4
Wt. Dozen, Lbs. .	64	78	105
Each	\$0.70	.90	1.10

LONG GRIDDLES



Nos.	8	9
Size, Inches. . . .	8 7/8 x 19 3/4	10 1/2 x 21 1/2
Wt. Dozen, Lbs. .	69	136
Each	\$0.82	1.04

ROUND DUTCH OVENS



With Bail and Flange Cover.

Nos.	8	9	10	11
Cap., Quarts. . .	5	6	8	12
Wt. Doz., Lbs. .	108	132	162	207
Each	\$1.50	1.70	2.00	2.40

OVAL ROASTERS



With Cover.

Nos.	2	3	4
Size, In....	7 1/2 x 11 1/4	8 x 12 1/4	8 1/4 x 13 1/2
Each	\$1.40	1.60	1.80
.			
Nos.	5	6	
Size, In....	9 1/4 x 14 1/4	10 1/4 x 14 3/4	
Each	\$1.95	2.05	
.			
Nos.	7	8	
Size, In....	10 7/8 x 15 3/4	11 1/4 x 17	
Each	\$2.35	2.85	

GRAY ENAMELED HOLLOW WARE

VOLLRATH—Gray Enameled Inside Only, Japanned Outside.

POTS



Round Bottom.

Nos.	8X
Weight Each, Lbs..	10
Each	\$0.80

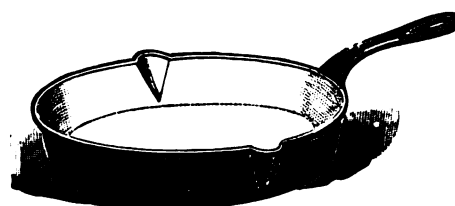
KETTLES



Round Bottom.

9X	Nos.	8X
11 1/2	Weight Each, Lbs..	7 1/2
.90	Each	\$0.70

SPIDERS



Nos.	8X	9X
Weight Each, Lbs..	4	5
Each	\$0.40	.45

LIPPED PRESERVING KETTLES

NEW IDEA

Grayish Blue Speckled Enameled Outside, White Enameled Inside.

Quarts	2	3	4	5	6	7	8
Weight Each, Lbs.....	3 3/4	4 1/4	5	6 1/4	7 1/2	8 1/2	9 1/2
Each	\$0.70	.80	.90	1.00	1.10	1.20	1.30

Quarts	10	12	14	16	20	24
Weight Each, Lbs.....	9	11 1/2	13 1/2	16 1/2	18 1/2	21 1/2
Each	\$1.40	1.50	1.75	2.00	2.50	3.00

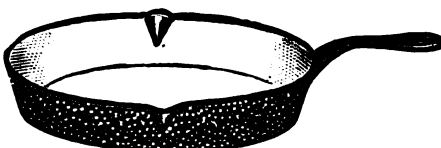
IMPERIAL HOLLOW WARE

White Enameled Inside, Grayish Blue Outside.

SPIDERS

Nos.	8
Weight Each, Lbs.....	4 1/2
Each	\$0.60

9
5 1/2
.65



FLAT BOTTOM KETTLES



Flat Bottom.

Nos.	8	9
Size, Inches....	10 3/4 x 7 3/4	11 1/2 x 8 1/2
Wt. Each, Lbs..	8 1/2	10
Each	\$1.03	1.05

ROUND BOTTOM KETTLES



Round Bottom.

Nos.	8	9
Size, Inches....	10 3/4 x 7 1/4	11 1/2 x 8
Wt. Each, Lbs..	8 1/2	10
Each	\$1.03	1.05

TEA KETTLES



Flat Bottom,

No.	9
Quarts	9
Weight Each, Lbs.....	14
Each	\$1.75

SOAPSTONE GRIDDLES



Round, Galvanized Iron, Banded.

Size, Inches	10	12	14	16
Weight Per Dozen, Lbs....	82	96	132	134
Per Dozen	\$9.80	13.80	17.50	20.70



Oblong, Galvanized Iron, Banded.

Size, Inches	9x18	10x20	11x22
Weight Per Dozen, Lbs....	75	110	125
Per Dozen	\$16.00	20.70	24.00

Soapstone Griddles are used by all progressive housekeepers. No grease, smoke, burnt cake or disagreeable odor.
Open Stock.

WAFFLE IRONS

COMMON



Black Japanned.

Nos.	8-9
Fits Stove Nos.	8-9
Per Dozen	\$11.00

AMERICAN



Regular Style, Extra Finished, Wire Handles.

Nos.	8	9
Diameter of Pan, Inches.	7 7/8	8 5/8
Diameter Bottom of Ring, Inches	9 7/8	10 5/8
Weight Per Dozen, Lbs.	94	106
Per Dozen	\$16.00	18.00

HIGH FRAME WAFFLE IRONS

ROUND

SQUARE



High Grade Cast Iron.

No. 1 — 10 1/4 x 4 inches, Ball Bearing, Polished, Wire Ball, Cool Wire Handle.	Per Dozen \$19.00
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High Grade Cast Iron.

No. 2 — 9x9x3 1/2 inches, Ball Bearing, Polished Wire Ball, Cool Wire Handle, Bakes Four Square Waffles 3 1/4 x 3 1/4 inches	Per Dozen \$19.00
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The Ball Bearing allows the pans to be revolved perfectly when raised by the handles on any angle, so that it can be used on a gas or gasoline stove as well as any other stove.

PANCAKE GRIDDLES

SUN

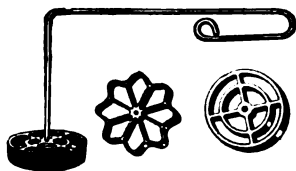


Best Sheet Steel, Unbreakable.

No. 1—3 Pans, 16 inches Long, Weight Per Dozen 22 Lbs.	Per Dozen \$5.00
The Sun Pancake Griddle is a great improvement over the old style Cast Iron Griddle, easy to wash and handle. Made of cold rolled steel, will not break, crack or warp. Round pans are hinged to long pan.	

Open Stock.

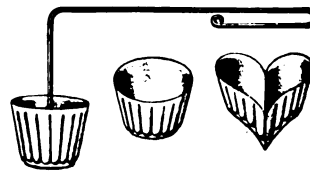
ROSETTE WAFER IRONS



Cast Iron Moulds, Bent Wire Handle.

No. 1—Complete Set Consisting of Nickel Plated Wire Handle and Two 3 inch Moulds, Weight Per Dozen Sets 13 Lbs.	Per Dozen Sets \$8.40
The bent wire handle is always cool and will not twist in the hands. Points under bottom of moulds keep the wafer from bottom of pan when left to fry.	
One Set in a Neat Box.	

ROSETTE PATTY IRONS



Cast Iron Moulds, Bent Wire Handle.

No. 2—Complete Set Consisting of Nickel Plated Wire Handle, One 3x3 inch Heart and One 2 1/4 inch Round Mould, Weight Per Dozen Sets 18 Lbs.	Per Dozen Sets \$9.00
Light in construction and weight, quickly heated, proper size, will not tip, saves caterer's bills for pastry shells and makes patties an ordinary dish in which to serve salads, chopped meats, oysters, peas, custards, etc.	
One Set in a Neat Box.	

ROSETTE PASTRY BAGS

Rubber, For Decorating without Tube.



No. 3—13 1/2 inches Over All, Clean, Moisture Proof, Weight Per Dozen 1 Lb.	Per Dozen \$4.20
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One Dozen in a Box.

ROSETTE DECORATING TUBES



Steel, Nickel Plated.

No. 4—2 1/8 inches Long, to be Dropped into a Bag, Fits Any Bag, Weight Per Dozen 1/2 Lb.	Per Dozen \$1.20
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One Dozen in a Box.

SEAMLESS STEEL HOLLOW WARE

FLAT BOTTOM KETTLES



Tinned Inside and Outside.

Nos.	8	9
Capacity, Quarts	9	13
Diameter, Inches	9 3/4	10 3/4
Weight Each, Lbs.	5	6
Each	\$1.75	2.00

SKILLETS



Nos.	7	8	9
Diameter Bottom, Inches....	8	9	10
Per Dozen	\$4.00	4.50	5.00

FRY PANS



Acme, Cold Handle.

Nos.	00	0 1/2	0	1	2
Diam. Top, Inches...	6	7	8	8 1/2	9
Per Dozen	\$1.80	2.80	3.00	3.75	4.25

Nos.	3	4	5	6
Diam. Top, Inches...	9 1/2	10	11	12
Per Dozen	\$4.75	5.25	6.00	7.00

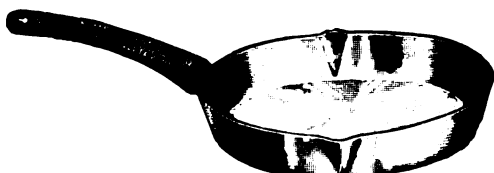
EMPIRE SPIDERS



Cold Handle.

Nos.	7	8	9	10
Diameter Bottom, Inches...	8	9	10	11
Each	\$0.65	.75	.90	1.10

ACME SPIDERS



Extra Heavy, Finest Cold Rolled Steel, Highly Polished.

Nos.	7	8	9	10
Diameter Bottom, Inches..	8	9	10	11
Each	\$0.65	.75	.90	1.10

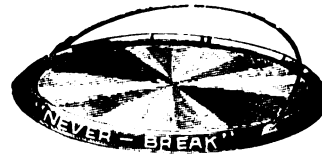
ROUND BOTTOM KETTLES



Tinned Inside and Outside.

Nos.	8	9
Capacity, Quarts	9	13
Diameter, Inches	9 3/4	10 3/4
Weight Each, Lbs.	5	6
Each	\$1.75	2.00

BAILED GRIDDLES



Nos.	12	14	16
Diameter Top, Inches....	12	13	14
Weight Each, Lbs.	4	4 1/2	5
Each	\$1.00	1.15	1.30

STOVE MATS

ASBESTOS

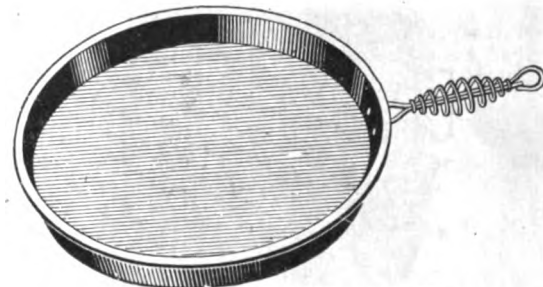


No. 100—9 inches Diameter, Metal
Bound Per Dozen \$0.70

No. 200—9 inches Diameter, Metal
Bound, Extra Heavy..... 1.00

One Dozen in a Box.

OMELET PANS



Sheet Steel, Cold Wire Handle.

Inches	9
Per Dozen	\$2.00

The Omelet Pan consists of two pans with Asbestos between, making it a very superior article for cooking many things, especially Omelets, Scrambled Eggs, etc.

BREAD PANS



No. 1—Open.

No. 1—Ideal, 13 1/2 x 5 inches, Single, Smooth Sheet Steel, with Clasp Per Dozen \$2.50
No. 2—Ideal, 13 1/2 x 10 inches, Double, Smooth Sheet Steel, with Clasp..... 7.20
Makes a crisp, moist and wholesome loaf a certainty.

DRIPPING PAN ASSORTMENTS

NESCO SANITARY

Substantial, Convenient, Handsome Drip Pan Rack, Measuring 58 inches High, 40 1/2 inches Wide and 18 inches Deep, Included with Each Number Listed Below.

No. 14 Assortment—Consists of 14 Dozen, Seamless, One-Piece Round Corners, Electric Welded Clips, Dripping Pans as Enumerated Below, Complete with Rack **\$48.00** Per Assortment

CONTENTS OF NO. 14 ASSORTMENT

1/2 Dozen 6 x 9 inches.	1/2 Dozen 9x15 inches.	1/2 Dozen 11x16 inches.
1/2 Dozen 6 1/2 x13 inches.	1/2 Dozen 9x17 inches.	1/2 Dozen 12x12 inches.
1/2 Dozen 7 x10 inches.	1/2 Dozen 10x12 inches.	1/2 Dozen 12x15 inches.
1/2 Dozen 7 x14 inches.	1/2 Dozen 10x14 inches.	1/2 Dozen 12x17 inches.
1/2 Dozen 8 x10 inches.	1/2 Dozen 10x15 inches.	1/2 Dozen 13x13 inches.
1/2 Dozen 8 x12 inches.	1/2 Dozen 10x16 inches.	1/2 Dozen 14x14 inches.
1/2 Dozen 8 x17 inches.	1/2 Dozen 10x17 inches.	1/2 Dozen 14x15 inches.
1/2 Dozen 8 1/2 x15 inches.	1/2 Dozen 11x11 inches.	1/2 Dozen 16x17 inches.
1/2 Dozen 9 x12 inches.	1/2 Dozen 11x15 inches.	1/2 Dozen 18x19 inches.
1/2 Dozen 9x14 inches.		

No. 18 Assortment—Consists of 18 Dozen, Seamless, One-Piece Round Corners, Electric Welded Clips, Dripping Pans as Enumerated Below, Complete with Rack **\$47.00** Per Assortment

CONTENTS OF NO. 18 ASSORTMENT

1 Dozen 6 x 9 inches.	1 Dozen 9x12 inches.	1 Dozen 11x16 inches.
1 Dozen 6 1/2 x13 inches.	1 Dozen 9x14 inches.	1 Dozen 12x12 inches.
1 Dozen 7 x10 inches.	1 Dozen 10x12 inches.	1 Dozen 12x17 inches.
1 Dozen 7 x14 inches.	1 Dozen 10x14 inches.	1 Dozen 13x13 inches.
1 Dozen 8 x10 inches.	1 Dozen 10x15 inches.	1 Dozen 14x14 inches.
1 Dozen 8 x12 inches.	1 Dozen 11x15 inches.	1 Dozen 14x15 inches.

No. 14.

No. 28 Assortment—Consists of 28 Dozen, Seamless, One-Piece Round Corners, Electric Welded Clips, Dripping Pans as Enumerated Below, Complete with Rack **\$80.00** Per Assortment

CONTENTS OF NO. 28 ASSORTMENT

1 Dozen 6 x 9 inches.	1 Dozen 8 1/2 x15 inches.	1 Dozen 10x15 inches.	1 Dozen 12x15 inches.
1 Dozen 6 1/2 x13 inches.	1 Dozen 9 x12 inches.	1 Dozen 10x16 inches.	1 Dozen 12x17 inches.
1 Dozen 7 x10 inches.	1 Dozen 9 x14 inches.	1 Dozen 10x17 inches.	1 Dozen 13x13 inches.
1 Dozen 7 x14 inches.	1 Dozen 9 x15 inches.	1 Dozen 11x11 inches.	1 Dozen 14x14 inches.
1 Dozen 8 x10 inches.	1 Dozen 9 x17 inches.	1 Dozen 11x15 inches.	1 Dozen 14x15 inches.
1 Dozen 8 x12 inches.	1 Dozen 10 x12 inches.	1 Dozen 11x16 inches.	1 Dozen 16x17 inches.
1 Dozen 8 x17 inches.	1 Dozen 10 x14 inches.	1 Dozen 12x12 inches.	1 Dozen 18x19 inches.

DRIPPING PANS

NESCO SANITARY



COMMON



Seamless, One Piece Round Corners, Electric Welded Clips.

Nos.	1	2	3	4	5
Size, Inches	6x9	6 1/2 x13	7x10	7x14	8x10
Wt. Per Crate, Lbs.	14	22	17	23	19
Per Dozen	\$0.75	9.00	.85	1.05	.90
Nos.	6	7	8	9	10
Size, Inches	8x12	8 1/2 x15	9x12	9x14	9x15
Wt. Per Crate, Lbs.	23	27 1/2	25 1/2	31	32 1/2
Per Dozen	\$1.05	1.25	1.05	1.20	1.40
Nos.	11	12	13	14	15
Size, Inches	10x12	10x14	10x15	10x16	11x11
Wt. Per Crate, Lbs.	29	32 1/2	38 1/2	39	28
Per Dozen	\$1.25	1.40	1.40	1.50	1.20
Nos.	16	17	18	19	20
Size, Inches	11x15	11x16	12x12	12x15	12x17
Wt. Per Crate, Lbs.	41 1/4	44	35	45	48
Per Dozen	\$1.60	1.65	1.40	1.70	1.80
Nos.	21	22	23	24	25
Size, Inches	13x13	14x14	14x15	16x17	18x19
Wt. Per Crate, Lbs.	42	45	49 1/2	60	75
Per Dozen	\$1.60	1.80	1.90	2.20	2.60

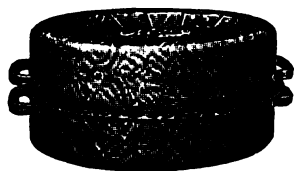
Three Dozen in a Crate.

Inches	8x10	8x12	8x15	8x17	9x12
Wt. Per Dozen, Lbs.	10	11	13	15	12
Per Dozen	\$2.20	2.55	3.05	3.45	2.60
Inches	9x14	9x15	9x17	9x19	
Wt. Per Dozen, Lbs.	13	14	15	16	
Per Dozen	\$3.00	3.45	3.75	4.15	
Inches	10x12	10x14	10x15	10x17	
Wt. Per Dozen, Lbs.	13	14	15	17	
Per Dozen	\$3.05	3.40	3.50	4.00	
Inches	10x19	11x16	12x12	12x15	
Wt. Per Dozen, Lbs.	20	18	15	18	
Per Dozen	\$4.25	4.15	3.50	4.20	
Inches	12x17	12x19	16x17	18x19	
Wt. Per Dozen, Lbs.	20	22	25	30	
Per Dozen	\$4.45	4.85	5.50	6.50	

Three Dozen in a Crate.

ROASTERS

NESCO PERFECT



Royal Granite Steel.

Seamless, Oval, Raised Bottom, Self-Basting.

Nos.	150	180	200
Size, Inches	15x10x7	18x12x8	19 1/2 x 12 1/2 x 8 1/2
Dozen in Carton	1/12	1/12	1/12
Per Dozen	\$30.00	39.00	50.00

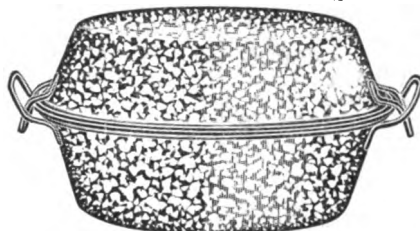
PERFECTION



Smooth Steel.

No. 18—18x12x8 inches, Oval, Self-Basting, Seamless	Per Dozen
Smooth Steel, Uniform Color, Weight Per Dozen	
76 Lbs.	\$19.20

COVERED ROASTERS



Garnet Enameled.

No. 76—Made from Extra Heavy Sheet Steel, Round, Garnet Enameled, Length Over All 14 1/2 inches, Diameter of Pan 13 inches, Height of Pan 6 1/4 inches.	Per Dozen
An Ideal Roaster for the Summer Home.	\$13.20

COVERED ROASTERS



Made from Extra Heavy Sheet Steel, Oval, Seamless, Pure White Enamel Lined, Self-Basting, Length Over All 19 1/2 inches, Length of Pan 17 1/2 inches, Width of Pan 12 inches, Height of Pan 7 1/2 inches.

Tulip Enameled.

Nos.	Without Tray	With Tray
Per Dozen	40	400
	\$37.50	45.00
Nos.	Without Tray	With Tray
Per Dozen	30	300
	\$28.50	33.00



Made from Extra Heavy Sheet Steel, Oval, Seamless, Self-Basting, Length Over All 19 1/2 inches, Length of Pan 17 1/2 inches, Width of Pan 12 inches, Height of Pan 7 1/4 inches.

Garnet Enameled.

Nos.	Without Tray	With Tray
Per Dozen	20	200
	\$30.50	36.00

One-quarter Dozen in a Carton.



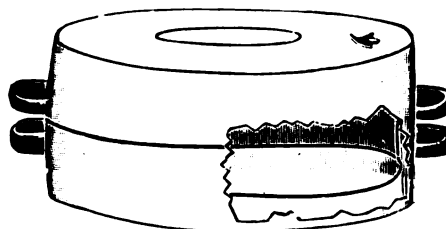
Made from Highest Grade Blue Sheet Steel, Oval, Seamless, Self-Basting, Length Over All 19 1/2 inches, Length of Pan 17 1/2 inches, Width of Pan 12 inches, Height of Pan 7 1/4 inches.

Dark Blue Enameled.

Nos.	Without Tray	With Tray
Per Dozen	020	0200
	\$25.50	28.50

One-quarter Dozen in a Carton.

VOLLRATH



No. 20—12 1/4 x 19 1/4 x 7 1/2 inches, Steel, Oval, Self-Basting, Removable Food Pan, Speckled Blue Enameled Outside, White Enameled Inside, White Enameled Food Pan, Black Enameled Handles, Weight Per Case 56 Lbs.	Per Dozen
	\$45.00

One-quarter Dozen in a Case.

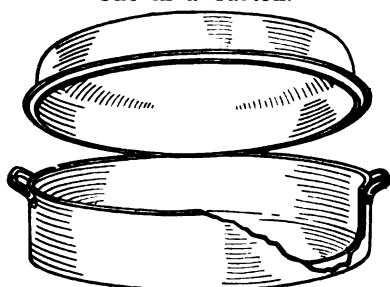
ROASTERS

SAVORY



Oblong, Two Piece Pan and Jacket.

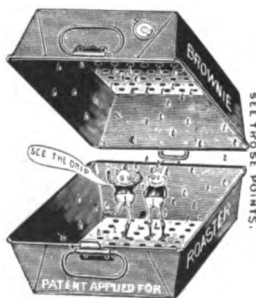
- No. 400—Hotel or Restaurant, Size 14x19 1/4 x10 inches, Seamless, Blued Steel Food Pan, Cover and Jacket, Self-Basting \$49.00
- No. 4000—Hotel or Restaurant, Size 14x19 1/4 x10 inches, Seamless, Blued Steel Cover and Jacket, Magnolia Finish Enameled Food Pan, Self-Basting 63.40
- One in a Carton.



Oval, One Piece Seamless Food Pan and Jacket.

- No. 18—Small Family Size, 9 1/2 x14 3/4 x6 1/4 inches, Magnolia Finish Enameled Food Pan, Jacket and Cover, Self-Basting \$35.00
- No. 43—Regular Family Size, 11 3/4 x17 1/2 x7 3/4 inches, Otherwise Same as No. 13 42.00
- One in a Carton.

BROWNIE



Self-Basting, Smooth Steel.

- | | | |
|----------------------|-------------|-----------------------|
| Nos. | 10 | 12 |
| Inches | 10x15x6 1/2 | 12 1/2 x17 1/2 x7 1/2 |
| Wt. Per Dozen, Lbs.. | 37 | 50 |
| Per Dozen | \$5.50 | 7.70 |

Three Dozen in a Crate.

ROAST PANS



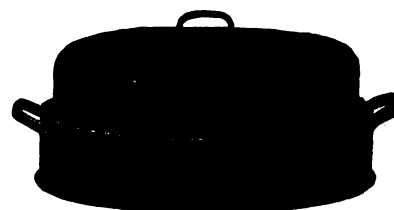
Smooth Steel, Wired, without Covers.

- | | | | |
|----------------|----------------------|-----------------------|-------------------|
| Nos. | 1R | 2R | 3R |
| Inches | 8 1/2 x12 1/2 x3 1/2 | 10 1/2 x15 1/2 x3 3/4 | 12 1/4 x17 1/2 x4 |
| Per Dozen..... | \$2.50 | 2.80 | 3.60 |



Oval, Two Piece Pan and Jacket.

- No. 200—Regular Family Size, 11 3/4 x17 1/2 x7 3/4 inches, Seamless, Siemen's-Martin Blued Steel Food Pan, Cover and Jacket, Self-Basting, Elevated Bottom Prevents Burning \$18.50
- One in a Carton.



Oval, One Piece Pan and Jacket.

- No. 11—Small Family Size, 9 1/2 x14 3/4 x6 1/4 inches, Seamless, Self-Basting, Enameled, Glazed, Elevated Bottom Prevents Burning, Hollow Steel Handles on Body and Cover, Weight Per Dozen 64 Lbs. \$26.60
- No. 41—Regular Family Size, 11 3/4 x17 1/2 x7 3/4 inches, Otherwise Same as No. 11, Weight Per Dozen 100 Lbs. 31.20
- One in a Carton.

L. & H.



Self-Basting, Fine Quality Smooth Blued Steel, Steel Runners.

- | | | |
|--------------------------|------------------|--------------|
| Nos. | 1 | 2 |
| Inches | 8 3/4 x12 3/4 x7 | 9 3/4 x15 x7 |
| Weight Per Dozen, Lbs... | 46 | 53 |
| Per Dozen | \$10.00 | 12.00 |
-
- | | | |
|--------------------------|-------------------|-------------------|
| Nos. | 3 | 4 |
| Inches | 10 3/4 x16 x8 1/2 | 13 1/2 x18 1/4 x9 |
| Weight Per Dozen, Lbs... | 66 | 80 |
| Per Dozen | \$14.00 | 16.00 |

One Dozen in a Crate.

ROAST PAN COVERS



Tin, Wire Handle.

- | | | | |
|-----------------|---------------|----------------|----------------|
| Nos. | 1C | 2C | 3C |
| Inches | 8 3/4 x12 3/4 | 10 3/4 x15 3/4 | 12 3/4 x17 3/4 |
| Per Dozen | \$2.50 | 2.80 | 3.60 |

DEPARTMENT NO. 6

ENAMELED AND TINWARE

VOLLRATH WHITE AND WHITE ENAMELED
WARE, VOLLRATH SPECIAL BLUE ENAMELED
WARE, GARNET ENAMELED WARE, TULIP
ENAMELED WARE, ROYAL GRANITE STEEL
WARE, COPPER AND NICKEL PLATED WARE,
JAPANNED WARE, GALVANIZED WARE, CAST
AND STAMPED ALUMINUM WARE, STAMPED
TINWARE, PIECED TINWARE, CREAM SEPARA-
TORS, MILK CANS, MILK CAN TRIMMINGS,
AND TINNERS' TRIMMINGS

Wm. Frankfurth Hardware Co.
MILWAUKEE

COFFEE PERCOLATORS

"UNIVERSAL" ENAMEL



Bodies of Highest
Quality Porcelain En-
amel, Pure White In-
side, All Working
Parts Pure Aluminum.

Note—For Parts See
Page 1010.



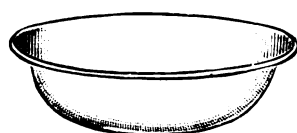
Black Decorated with White and Gold.					Plain White with Gold Band.				
Nos.	1304	1306	1308	1310	Nos.	1404	1406	1408	1410
Capacity, Cups	4	6	8	10	Capacity, Cups	4	6	8	10
Height Over All, Inches..	8 1/4	9	9 3/4	9 3/4	Height Over All, Inches..	8	8 3/4	9 1/4	9 3/4
Weight Each, Lbs.....	3 1/4	3 3/4	3 3/4	4 1/4	Weight Each, Lbs.....	3 3/4	3 3/4	4 1/4	4 1/2
Each	\$3.25	3.50	3.75	4.00	Each	\$3.75	4.00	4.25	4.50

One in a Carton.

VOLLRATH'S WHITE AND WHITE ENAMELED WARE

WHITE INSIDE AND OUTSIDE, DEEP DARK BLUE BEAD

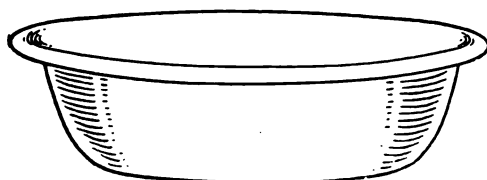
WASH BASINS



Seamless, with Eyelet.

Nos.	28	20
Size, Inches	11 1/2 x 3 1/2	12 1/4 x 3 1/4
Dozen in Case....	3	3
Wt. Case, Lbs....	54	60
Per Dozen	\$5.75	6.50
Nos.	32	36
Size, Inches	13 x 3 5/8	14 x 3 3/4
Dozen in Case....	3	3
Wt. Case, Lbs....	70	95
Per Dozen	\$7.50	10.00

BABY BATH



Seamless.

No.	1
Quarts	25
Top, Inches	26 x 19
Bottom, Inches	17 1/2 x 10 1/2
Depth, Inches	7
Dozen in Case.....	1/2
Weight Per Case, Lbs.....	88
Per Dozen	\$50.00

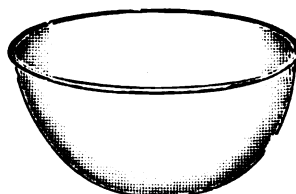
OVAL FOOT BATHS



Deep, Seamless.

No.	15
Quarts	15
Size, Inches	15 x 19 x 5 3/4
Dozen in Case.....	1/2
Weight Per Case, Lbs.....	65
Per Dozen	\$22.00

MIXING BOWLS



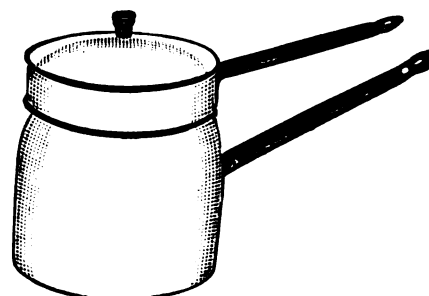
Seamless.

Nos.	16	18	20'
Quarts	1	1 1/2	2
Size, In....	6 3/8 x 2 7/8	7 3/8 x 3 1/4	8 1/8 x 3 5/8
Doz. in Case.	3	3	3
Wt. Ca., Lbs.	30	40	53
Per Dozen..	\$4.50	5.00	5.75

Nos.	22	24	26
Quarts	3	3 3/4	5
Size, In....	9 x 4	10 x 4 1/2	10 5/8 x 4 3/4
Doz. in Case.	3	3	3
Wt. Ca., Lbs.	65	73	80
Per Dozen..	\$6.75	7.75	8.75

Nos.	28	30	32
Quarts	5 1/4	7 1/4	8 1/4
Size, In....	11 1/4 x 4 7/8	12 x 5 3/8	12 3/4 x 5 3/8
Doz. in Case.	3	3	3
Wt. Ca., Lbs.	85	105	112
Per Dozen..	\$9.75	10.75	12.00

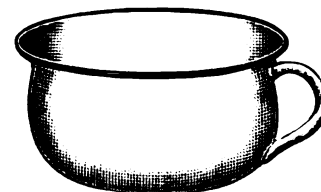
MILK OR RICE BOILERS



Seamless, Enamelled Cover.

Nos.	52	53
Qts. (Inside Cup)...	1 1/2	1 3/4
Doz. in Case.....	1	1
Weight Case, Lbs....	50	70
Per Dozen	\$16.25	19.50

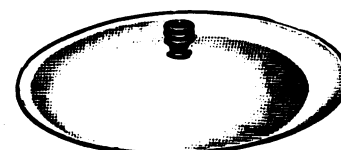
CHAMBERS



Seamless.

Nos.	1 1/2	2
Size, Inches	8 1/2 x 4 1/2	9 3/4 x 5 1/4
Dozen in Case.....	1	1
Weight Case, Lbs....	45	60
Per Dozen	\$9.50	11.50

CHAMBER COVERS



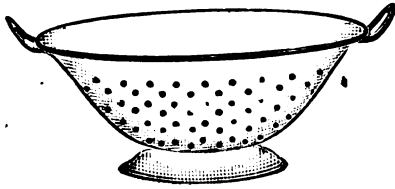
Seamless.

Nos.	1 1/2	2
Dozen in Case.....	3	3
Weight Case, Lbs....	55	65
Per Dozen	\$4.50	5.00

VOLLRATH'S WHITE AND WHITE ENAMELED WARE

WHITE INSIDE AND OUTSIDE, DEEP DARK BLUE BEAD
HOSPITAL CUPS

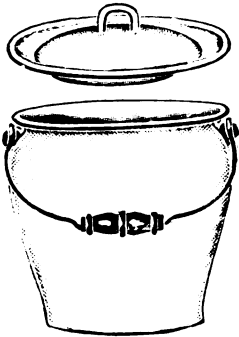
CULLENDERS



Seamless.

No.	1306
Size, Inches	11 1/2 x 5
Dozen in Case	2
Weight Case, Lbs.	85
Per Dozen	\$9.50

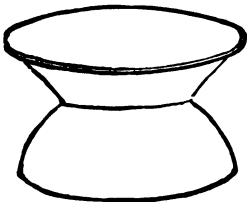
COMMODOES



Seamless, Enameled Cover, Wood Ball.

No.	23
Quarts	12
Dozen in Case	1/2
Weight Case, Lbs.	90
Per Dozen	\$28.50

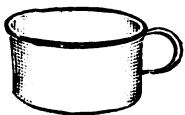
CUSPIDORS



Seamless Steel.

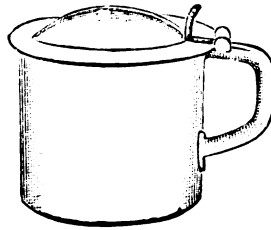
No.	20
Size, Inches	5 x 8
Dozen in Case	1
Weight Case, Lbs.	55
Per Dozen	\$13.50

STRAIGHT CUPS



Seamless.

Nos.	14	15	16
Quarts	1/4	3/4	1/2
Size, Inches	3 1/2 x 2 1/8	4 x 2 1/4	4 3/8 x 2 1/2
Doz. in Case ..	12	12	12
Wt. Case, Lbs. ..	68	83	90
Per Dozen ...	\$2.25	2.50	2.75



Enameled Cover.

No.	2
Quarts	1/2
Size, Inches	3 7/8 x 3 1/2
Dozen in Case	1
Weight Case, Lbs.	16
Per Dozen	\$9.00

DRINKING CUPS



Seamless.

Nos.	8	9
Quarts	1/4	3/8
Size, Inches	4 x 2 1/8	4 1/4 x 2 1/4
Dozen in Case	12	12
Weight Case, Lbs.	60	65
Per Dozen	\$2.25	2.50

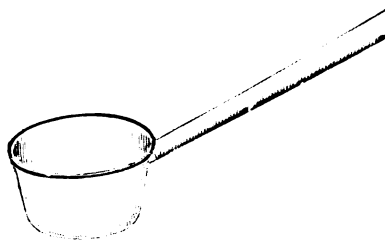
CUPS AND SAUCERS



Seamless.

Nos.	81	91
Dozen in Case	6	6
Weight Case, Lbs.	85	95
Per Dozen	\$4.35	4.60

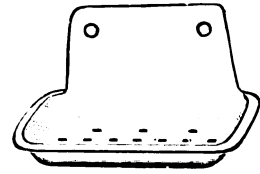
WINDSOR DIPPERS



Round Handle, Seamless.

No.	112
Quarts	3/4
Size, Inches	5 3/8 x 3
Dozen in Case	6
Weight Case, Lbs.	85
Per Dozen	\$5.50

WALL SOAP DISHES



With Removable Drainer.

No.	60
Size, Inches	6 1/4 x 4 x 1 1/4
Dozen in Case	12
Weight Case, Lbs.	110
Per Dozen	\$3.75

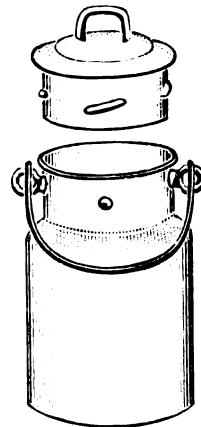
FUNNELS



Seamless.

Nos.	1 1/2	1
Quarts	1/4	1/2
Size, Inches	4 x 4 3/8	5 x 5 3/8
Dozen in Case	6	6
Weight Case, Lbs.	50	61
Per Dozen	\$4.00	4.50

MILK KETTLES

With Wood Bail, One Piece Locking
Cover.

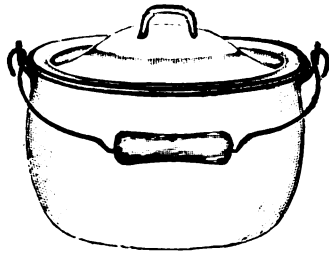
Nos.	1	2
Quarts	1	2
Size, Inches	4 1/4 x 6 3/8	5 1/4 x 7 7/8
Dozen in Case	1	1
Weight Case, Lbs.	40	50
Per Dozen	\$10.00	13.00

Nos.	3	4
Quarts	3	4
Size, Inches	6 1/2 x 8 3/8	6 3/4 x 9 1/4
Dozen in Case	1	1
Weight Case, Lbs.	60	70
Per Dozen	\$14.50	17.00

VOLLRATH'S WHITE AND WHITE ENAMELED WARE

WHITE INSIDE AND OUTSIDE, DEEP DARK BLUE BEAD

BERLIN KETTLES

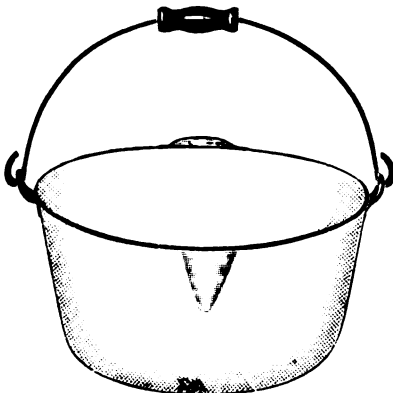


Seamless, Enameled Cover.

Nos.	04	06
Quarts	3 3/4	6
Size, Inches	7 3/4 x 4 3/4	9 1/2 x 5 1/2
Dozen in Case	1	1
Weight Case, Lbs.	60	82
Per Dozen	\$13.00	16.00

Nos.	08	010
Quarts	8	10
Size, Inches	9 3/4 x 6 1/4	10 1/4 x 7
Dozen in Case	1	1
Weight Case, Lbs.	90	95
Per Dozen	\$19.00	23.00

LIPPED PRESERVING KETTLES

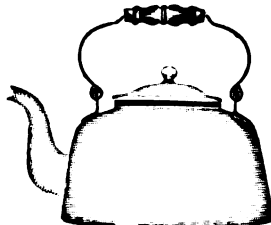


Seamless.

Nos.	24	26
Quarts	5	6
Size, Inches	9 3/4 x 5	10 3/4 x 5 1/2
Dozen in Case	2	2
Wt. Case, Lbs.	70	75
Per Dozen	\$8.50	9.50

Nos.	28	30
Quarts	7 3/4	9
Size, Inches	11 1/4 x 5 1/2	11 3/4 x 6 3/4
Dozen in Case	2	1
Wt. Case, Lbs.	90	60
Per Dozen	\$11.50	14.00

TEA KETTLES



Seamless.

Nos.	060	070	080	090
Quarts	4 1/2	5 1/4	6 1/2	8
Dozen in Case	1	1	1	1
Wt. Case, Lbs.	65	70	80	93
Per Dozen	\$24.00	28.00	32.00	38.00

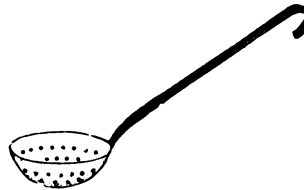
SOLID LADLES



Flat Handle.

No.	8
Size, Inches	3 3/4
Dozen in Case	12
Weight Case, Lbs.	88
Per Dozen	\$3.00

PIERCED LADLES



Flat Handle.

No.	8
Size, Inches	3 3/4
Dozen in Case	12
Weight Case, Lbs.	88
Per Dozen	\$2.75

DISH PANS



Round, Seamless.

Nos.	10	14
Quarts	9 1/2	12 1/2
Size, Inches	14 3/4 x 4 3/4	16 1/2 x 4 3/4
Dozen in Case	1	1
Weight Case, Lbs.	70	85
Per Dozen	\$13.75	16.25

Nos.	17	21
Quarts	16 1/2	21
Size, Inches	17 3/4 x 5 1/2	19 3/4 x 6 1/2
Dozen in Case	1	1
Weight Case, Lbs.	100	120
Per Dozen	\$18.75	22.50

LIPPED SAUCE PANS

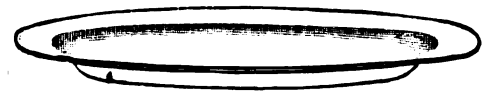


Seamless.

Nos.	16	18	20
Quarts	1 3/4	2 1/2	3
Size, Inches	6 3/4 x 4 1/8	7 1/2 x 4 1/4	8 1/4 x 4 3/8
Doz. in Case	3	3	3
Wt. Cs., Lbs.	50	55	70
Per Dozen	\$5.00	5.75	6.75

Nos.	22	24
Quarts	4	5
Size, Inches	9 x 4 3/4	9 3/4 x 5
Doz. in Case	3	3
Wt. Cs., Lbs.	82	100
Per Dozen	\$7.50	8.50

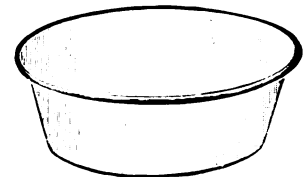
MEAT PLATTERS



Oval, Seamless.

No.	15
Size, Inches	15 x 10 1/4 x 1 1/4
Dozen in Case	3
Weight Case, Lbs.	66
Per Dozen	\$11.75

PUDDING PANS

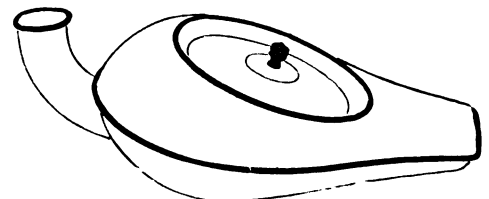


Deep, Seamless.

Quarts	1 1/2	2	3
Size, Inches	7 3/4 x 2 3/4	8 3/4 x 3 1/4	10 x 3 1/2
Dozen in Case	6	6	6
Wt. Case, Lbs.	70	75	104
Per Dozen	\$4.00	4.50	5.50

Quarts	4	5
Size, Inches	11 x 3 1/2	11 3/4 x 3 3/4
Dozen in Case	6	6
Wt. Case, Lbs.	125	135
Per Dozen	\$6.25	7.50

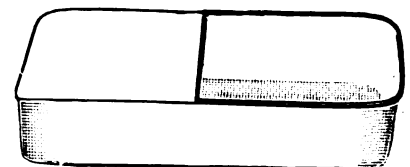
BED PANS



With Cover.

No.	1
Dozen in Case	1/2
Weight Case, Lbs.	24
Per Dozen	\$25.00

BED OR DOUCHE PANS



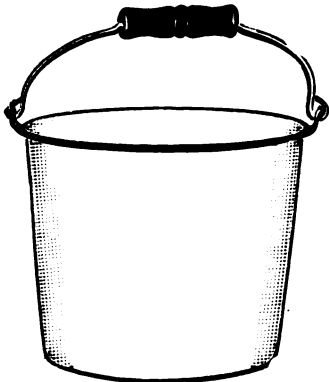
Seamless, Black Rim.

No.	2
Size, Inches	15 3/4 x 11 5/8 x 3
Dozen in Case	1/2
Weight Case, Lbs.	90
Per Dozen	\$18.00

VOLLRATH'S WHITE AND WHITE ENAMELED WARE

WHITE INSIDE AND OUTSIDE, DEEP DARK BLUE BEAD

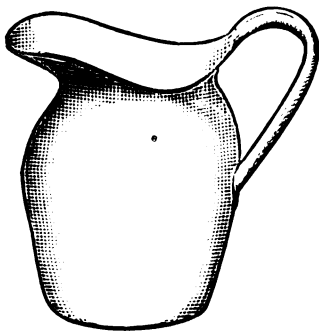
WATER PAILS



Seamless.

No.	110	112
Quarts	10	12
Size, Inches	10 1/2 x 8 3/4	11 x 9 3/4
Dozen in Case.....	1	1
Wt. Case, Lbs.....	65	91
Per Dozen	\$16.50	19.00

WATER PITCHERS



Seamless.

Nos.	2	3	4
Quarts	2	3	4
Dozen in Case.	1	1	1
Wt. Case, Lbs.	40	60	70
Per Dozen	\$12.25	15.00	17.50

TOILET PITCHERS



Seamless.

No.	60
Quarts	6
Dozen in Case.....	1/2
Weight Case, Lbs.....	55
Per Dozen	\$22.00

COFFEE POTS



Seamless, Enameled Cover.

Nos.	05	015	025
Quarts	1 1/2	1 1/2	2
Dozen in Case.	1	1	1
Wt. Case, Lbs.	32	38	45
Per Dozen ...	\$13.50	15.00	16.50

Nos.	035	045	055
Quarts	2 3/4	3 3/4	4 1/4
Dozen in Case.	1	1	1
Wt. Case, Lbs.	50	55	65
Per Dozen ...	\$18.00	21.00	24.00

TEA POTS



Seamless, Enameled Cover.

Nos.	00	010	020
Quarts	1 1/2	1 1/2	2
Dozen in Case.	1	1	1
Wt. Case, Lbs.	34	43	51
Per Dozen ...	\$13.50	15.00	16.50

Nos.	030	040
Quarts	3	3 3/4
Dozen in Case.	1	1
Wt. Case, Lbs.	56	60
Per Dozen ...	\$18.00	21.00

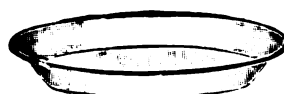
DINNER PLATES



Flat Bottom, Seamless.

Nos.	108	108 1/2
Size, Inches	8	8 1/2
Dozen in Case.....	12	12
Weight Case, Lbs.....	92	94
Per Dozen	\$3.50	3.75

PIE PLATES



Shallow, Seamless.

Nos.	9	10
Size, Inches	9 x 7 1/2	9 7/8 x 7 1/2
Dozen in Case.....	12	12
Weight Case, Lbs.....	100	130
Per Dozen	\$3.25	3.50

SAUCERS



Seamless.

Nos.	0	1
Size, Inches	5 x 5 1/2	5 7/8 x 7 1/2
Dozen in Case.....	12	12
Weight Case, Lbs.....	39	50
Per Dozen	\$1.90	2.10

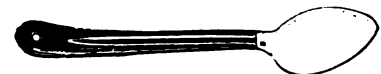
FLAT SKIMMERS



Flat Handle.

No.	10
Size, Inches	4 3/4
Dozen in Case.....	12
Weight Case, Lbs.....	95
Per Dozen	\$2.75

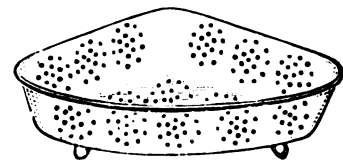
BASTING SPOONS



Threaded Handle, Seamless.

Nos.	12	14
Size, Inches	12	14
Dozen in Case.....	12	12
Weight Case, Lbs.....	60	70
Per Dozen	\$2.25	2.50

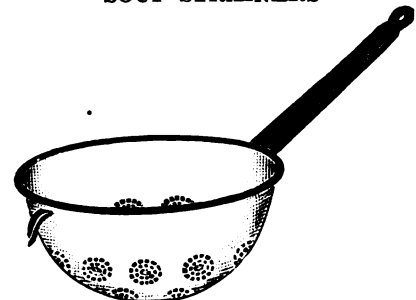
SINK STRAINERS



Seamless.

No.	7
Size, Inches	10 x 7 1/2 x 3
Dozen in Case.....	6
Weight Case, Lbs.....	80
Per Dozen	\$6.00

SOUP STRAINERS



Half Round Shape, Seamless.

Nos.	16	18
Size, Inches	6 3/4 x 3 1/2	7 1/2 x 3 5/8
Dozen in Case.....	3	3
Weight Case, Lbs.....	37	42
Per Dozen	\$8.00	9.50

VOLLRATH'S SPECIAL BLUE ENAMELED WARE

A Beautiful Turquoise Blue with Fine Uniform White Specks on the Outside and Lined with Vollrath Snow White Enamel. The Delicate and Uniform Shade of Vollrath Special Blue is Maintained at All Times, and While Imitated, it is not Duplicated.

COFFEE BOILERS



Seamless, Enameled Cover.

Nos.	60	70
Quarts	5 1/4	6 3/4
Dozen in Case.....	1	1
Weight Case, Lbs....	75	90
Per Dozen	\$18.50	20.50
Nos.	80	90
Quarts	8 1/2	11 1/2
Dozen in Case.....	1/2	1/2
Weight Case, Lbs....	65	70
Per Dozen	\$24.50	31.00

MILK OR RICE BOILERS



Seamless, Enameled Cover.

Nos.	52	53
Qts. (Inside Cup)...	1 1/2	1 3/4
Dozen in Case.....	1	1
Weight Case, Lbs....	50	70
Per Dozen	\$16.25	19.50
Nos.	54	56
Qts. (Inside Cup)...	2 3/8	5
Dozen in Case.....	1	1/2
Weight Case, Lbs....	80	65
Per Dozen	\$25.50	33.00

WASH BOWLS



Seamless.

Nos.	28	30
Size, Inches	11 1/4 x 3 1/8	12 1/4 x 3 1/4
Dozen in Case.....	3	3
Weight Case, Lbs....	54	60
Per Dozen	\$5.75	6.50
Nos.	32	36
Size, Inches	13 x 3 5/8	14 x 3 3/8
Dozen in Case.....	3	3
Weight Case, Lbs....	70	95
Per Dozen	\$7.50	10.00

COVERED BUCKETS



Straight, Seamless, Enameled Cover.

Nos.	1/2	1	2
Quarts	1/2	1	2
Size, Inches..	4 3/8 x 2	5 x 3 1/2	6 1/8 x 4 7/8
Doz. in Case..	3	3	2
Wt. Ca., Lbs..	50	70	80
Per Dozen...	\$5.75	6.50	7.50
Nos.	3	4	6
Quarts	3	4	6
Size, Inches..	6 3/4 x 5 3/8	7 5/8 x 5 7/8	8 7/8 x 7 1/8
Doz. in Case..	2	1	1
Wt. Ca., Lbs..	85	60	75
Per Dozen ..	\$9.75	11.50	15.00

CULLENDERS



Seamless, Feet Fast.

Nos.	1306
Size, Inches	11 1/2 x 5
Dozen in Case.....	2
Weight Case, Lbs....	85
Per Dozen	\$9.50

DRINKING CUPS



Seamless.

Nos.	8	9	10
Quarts	1/4	3/8	3/8
Size, Inches..	4 x 2 1/8	4 1/4 x 2 1/4	4 3/8 x 2 3/8
Doz. in Case..	12	12	12
Wt. Ca., Lbs..	60	65	75
Per Dozen ..	\$2.25	2.50	2.75

CUPS AND SAUCERS



Seamless.

Nos.	81	91	110
Dozen in Case....	6	6	6
Weight Case, Lbs..	85	95	100
Per Dozen	\$4.35	4.60	5.00

STRAIGHT CUPS



Seamless.

Nos.	14	15	16
Quarts	1/4	3/8	1/2
Size, Inches...	3 1/2 x 2 1/8	4 x 2 1/4	4 3/8 x 2 1/2
Doz. in Case..	12	12	12
Wt. Case, Lbs..	68	83	90
Per Dozen ...	\$2.25	2.50	2.75

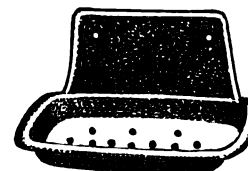
WINDSOR DIPPERS



Seamless, Improved Round Handle.

Nos.	110	112	114
Quarts	1/2	3/4	1 1/8
Size, Inches...	4 7/8 x 2 3/8	5 3/8 x 3	6 x 3 1/4
Doz. in Case..	6	6	6
Wt. Case, Lbs..	76	85	103
Per Dozen ...	\$5.00	5.50	6.50

SOAP DISHES



No. 60.

	With Back	Without Back
Nos.	60	80
Size, Inches...	6 1/4 x 4 x 1 1/4	5 1/4 x 4 x 1 1/8
Doz. in Case...	12	6
Wt. Case, Lbs..	110	58
Per Dozen	\$3.75	3.75

COFFEE FLASKS



With Cork Lined Screw.

No.	1
Quarts	1/2
Dozen in Case.....	6
Weight Case, Lbs....	70
Per Dozen	\$7.50

VOLLRATH'S SPECIAL BLUE ENAMELED WARE

FUNNELS



Improved Seamless.

Nos.	1/2	1	2
Quarts	1/4	1/2	1
Size, Inches...	4x4 3/8	5x5 3/8	6 1/2 x 6 3/8
Doz. in Case..	6	6	6
Wt. Ca., Lbs..	50	61	65
Per Dozen ...	\$4.00	4.50	5.00

BERLIN KETTLES



Seamless, Enameled Cover.

Nos.	04	06
Quarts	3 5/8	6
Size, Inches	7 3/4 x 4 3/4	9 1/2 x 5 1/2
Dozen in Case.....	1	1
Wt. Case, Lbs.....	60	82
Per Dozen	\$13.00	16.00

Nos.	08	010
Quarts	8	10
Size, Inches	9 7/8 x 6 1/4	10 1/4 x 7
Dozen in Case.....	1	1
Wt. Case, Lbs.....	90	95
Per Dozen	\$19.00	23.00

*COOKING, STRAINING AND FRUIT PRESERVE KETTLES



Patent Perfection, High Grade Enamel, with Heavy Retinned Cover.

Nos.	6	8
Quarts	6	8
Size, Inches	9 1/2 x 5 1/2	10 1/2 x 6
Wt. Case, Lbs.....	40	50
Per Dozen	\$16.00	20.00

Nos.	10	12
Quarts	10	12
Size, Inches	11 x 6 1/4	11 3/4 x 7
Wt. Case, Lbs.....	60	70
Per Dozen	\$24.00	28.00

TEA KETTLES



Seamless, Flat Bottom, Enameled Cover.

Nos.	070	080	090
Quarts	5 1/4	6 1/4	8
Doz. in Case...	1	1	1
Wt. Case, Lbs..	70	80	93
Per Dozen	\$28.00	32.00	38.00



Seamed, Flat Bottom, Enameled Cover.

Nos.	60	70	80	90
Quarts ...	3 3/4	5	6 1/4	7 3/4
Dz. in Case.	1	1	1	1
Wt. C., Lb.	56	85	95	105
Per Dozen ..	\$17.25	19.25	22.50	26.75

LIPPED PRESERVING KETTLES



Seamless, Flat Bottom.

Nos.	18	20	22
Quarts ...	2 1/2	3	4
Size, In... 7 3/4 x 4 1/4	8 1/4 x 4 3/8	9 x 4 7/8	
Dz. in Case	2	2	2
Wt. C., Lb.	45	55	60
Per Doz...	\$5.75	6.75	7.50
Nos.	24	26	28
Quarts ...	5	6	7 3/4
Size, In... 9 7/8 x 5	10 3/4 x 5 1/2	11 1/4 x 5 3/4	
Dz. in Case	2	2	2
Wt. C., Lb.	70	75	90
Per Doz...	\$8.50	9.50	11.50
Nos.	30	32	36
Quarts ...	9	12 1/2	14
Size, In... 11 3/4 x 6 3/4	12 5/8 x 7 1/4	13 5/8 x 7 1/2	
Dz. in Case	1	1	1
Wt. C., Lb.	60	68	73
Per Doz...	\$14.00	16.50	20.00

PIERCED LADLES



Flat Handle.

Nos.	9	10
Size, Inches	4	4 1/4
Dozen in Case.....	12	12
Weight Case, Lbs.....	95	110
Per Dozen	\$3.50	3.75

SOUP LADLES



Threaded Handle.

No.	38
Size, Inches	3 3/4 x 1 5/8
Dozen in Case.....	12
Weight Case, Lbs.....	75
Per Dozen	\$3.00

SOLID LADLES



Flat Handle.

Nos.	9	10
Size, Inches	4	4 1/4
Dozen in Case.....	12	12
Weight Case, Lbs.....	95	110
Per Dozen	\$3.00	3.50

CHILDREN'S MUGS



Seamless.

Nos.	8	5
Quarts	1/4	1/2
Size, Inches	3 1/4 x 3	3 5/8 x 3 3/4
Dozen in Case.....	12	12
Weight Case, Lbs...	74	110
Per Dozen	\$3.00	3.75

*Cooking, Straining and Fruit Preserving Kettles are not Special Blue Enamel Ware, but a Dark Blue and Gray Mottled Color.

VOLLRATH'S SPECIAL BLUE ENAMELED WARE

MEASURES



Seamless.

Nos.	2	4
Quarts	$\frac{1}{4}$	1
Dozen in Case.....	3	2
Weight Case, Lbs...	22	45
Per Dozen	\$4.50	8.00

Nos.	5	6
Quarts	2	4
Dozen in Case.....	1	1
Weight Case, Lbs...	48	66
Per Dozen	\$10.00	14.50

CHAMBER PAILS



Seamless, Enameled Cover, Wood Bail.

No.	8
Quarts	13
Size, Inches	$10\frac{3}{4} \times 9\frac{1}{4}$
Dozen in Case.....	$\frac{1}{2}$
Weight Case, Lbs.....	73
Per Dozen	\$30.00

WATER PAILS



Seamless.

Nos.	110	112	114
Quarts	10	12	15
Size, In... $10\frac{1}{2} \times 8\frac{3}{4}$	$11 \times 9\frac{3}{8}$	$12\frac{1}{2} \times 9\frac{1}{2}$	
Dz. in Case	1	1	1
Wt. C., Lb.	65	91	101
Per Dozen.	\$16.50	19.00	22.50

DINNER PLATES



Seamless, Flat Bottom.

Nos.	108	108 $\frac{1}{2}$
Size, Inches	8	$8\frac{1}{2}$
Dozen in Case.....	12	12
Weight Case, Lbs....	92	94
Per Dozen	\$3.50	3.75

PIE PLATES



Seamless, Deep.

Nos.	9	10	11
Size, In... $8\frac{3}{4} \times 1\frac{1}{4}$	$9\frac{1}{2} \times 1\frac{3}{8}$	$10\frac{3}{8} \times 1\frac{1}{2}$	
Dz. in Case.	12	12	12
Wt. C., Lb.	100	115	140
Per Dozen.	\$3.50	4.25	5.00

PIE PLATES



Seamless, Shallow.

Nos.	9	10	11
Size, Inches....	$9 \times \frac{7}{8}$	$9\frac{1}{2} \times \frac{7}{8}$	11×1
Dozen in Case..	12	12	12
Wt. Case, Lbs..	100	130	140
Per Dozen	\$3.25	3.50	4.75

PUDDING PANS



Deep, Seamless.

Quarts ...	$\frac{1}{2}$	1	$1\frac{1}{2}$
Size, In... $6\frac{1}{2} \times 2$	$7\frac{1}{8} \times 2\frac{1}{2}$	$7\frac{3}{4} \times 2\frac{1}{2}$	
Dz. in Case.	6	6	6
Wt. C., Lb.	42	65	70
Per Dozen.	\$3.00	3.75	4.00

Quarts ...	2	3	4
Size, In... $8\frac{3}{8} \times 3\frac{1}{8}$	$10 \times 3\frac{1}{2}$	$11 \times 3\frac{1}{2}$	
Dz. in Case.	6	6	6
Wt. C., Lb.	75	104	125
Per Dozen.	\$4.50	5.50	6.25

Quarts ...	5	6	8
Size, In... $11\frac{1}{8} \times 3\frac{3}{4}$	$13\frac{3}{8} \times 3\frac{3}{4}$	$14\frac{1}{2} \times 4\frac{1}{4}$	
Dz. in Case.	6	4	4
Wt. C., Lb.	135	120	130
Per Dozen.	\$7.50	9.00	10.00

BAKE PANS



Oblong, Seamless.

Nos.	20	21
Size, In... $12\frac{1}{2} \times 8\frac{3}{8} \times 1\frac{1}{4}$	$14\frac{1}{8} \times 9\frac{1}{2} \times 1\frac{1}{2}$	
Dz. in Case	2	2
Wt. C., Lb.	50	60
Per Dozen.	\$6.00	7.00

LIPPED SAUCE PANS



Seamless.

Nos.	14	16	18
Quarts ...	$1\frac{1}{2}$	$1\frac{7}{8}$	$2\frac{1}{2}$
Size, In... $6\frac{1}{8} \times 3\frac{5}{8}$	$6\frac{7}{8} \times 4\frac{1}{8}$	$7\frac{1}{2} \times 4\frac{1}{4}$	
Dz. in Case.	6	3	3
Wt. C., Lbs.	75	50	55
Per Dozen.	\$4.50	5.00	5.75

Nos.	20	22
Quarts ...	3	4
Size, In... $8\frac{1}{4} \times 4\frac{3}{8}$	$9 \times 4\frac{7}{8}$	
Dz. in Case.	3	3
Wt. C., Lbs.	70	82
Per Dozen.	\$6.75	7.50

Nos.	24	26
Quarts ...	5	6
Size, In... $9\frac{7}{8} \times 5$	$10\frac{3}{4} \times 5\frac{1}{2}$	
Dz. in Case.	3	2
Wt. C., Lbs.	100	80
Per Dozen.	\$8.50	9.50

DISH PANS



Deep, Seamless.

Nos.	10	14
Quarts	$9\frac{1}{2}$	$12\frac{1}{2}$
Size, Inches	$14\frac{3}{4} \times 4\frac{7}{8}$	$16\frac{1}{2} \times 4\frac{7}{8}$
Dozen in Case....	1	1
Wt. Case, Lbs....	70	85
Per Dozen	\$13.75	16.25

Nos.	17	21
Quarts	$16\frac{1}{2}$	21
Size, Inches	$17\frac{7}{8} \times 5\frac{5}{8}$	$19\frac{3}{8} \times 6\frac{1}{2}$
Dozen in Case....	1	1
Wt. Case, Lbs....	100	120
Per Dozen	\$18.75	22.50

OBLONG PANS



Seamless.

Nos.	18	14
Size, Inches... $9\frac{7}{8} \times 13 \times 2\frac{1}{4}$	$10\frac{1}{4} \times 14 \times 2\frac{1}{4}$	
Doz. in Case.	2	2
Wt. Case, Lbs.	75	85
Per Dozen...	\$11.50	12.50

Nos.	15	16
Size, Inches... $11\frac{1}{4} \times 15 \times 2\frac{1}{4}$	$11\frac{3}{4} \times 16 \times 2\frac{1}{4}$	
Doz. in Case.	2	2
Wt. Case, Lbs.	95	100
Per Dozen.	\$14.00	15.00

VOLLRATH'S SPECIAL BLUE ENAMELED WARE

WATER PITCHERS



Seamless.

Nos.	2	3
Quarts	2	3
Dozen in Case.....	1	1
Weight Case, Lbs....	40	60
Per Dozen	\$12.25	15.00

Nos.	4	60
Quarts	4	6
Dozen in Case.....	1	1/2
Weight Case, Lbs....	70	55
Per Dozen	\$17.50	22.00

STRAIGHT POT



Seamless.

Nos.	24	26
Quarts	10	11 1/2
Size, Inches	9 7/8 x 8 1/2	10 3/8 x 8 1/2
Dozen in Case....	1	1
Wt. Case, Lbs....	88	95
Per Dozen	\$20.00	24.00
Nos.	28	30
Quarts	16	19
Size, Inches	11 7/8 x 8 3/4	12 3/8 x 10
Dozen in Case....	1	1/2
Wt. Case, Lbs....	75	85
Per Dozen	\$30.00	33.00
Nos.	32	36
Quarts	24	36
Size, Inches	13 1/4 x 10 5/8	15 1/2 x 11 1/8
Dozen in Case....	1	1/2
Wt. Case, Lbs....	105	83
Per Dozen	\$38.00	66.00

Note—Weights Given are without Cover.

BERLIN TEA POTS



Seamless, Enameled Cover, Hollow Handle.

Nos.	10	12	14
Quarts	4	1 1/2	1 7/8
Dozen in Case....	1	1	1
Wt. Case, Lbs....	25	35	45
Per Dozen	\$10.50	11.75	13.25

COFFEE POTS



Seamless, Enameled Cover, Hollow Handle.

Nos.	05	015	025
Quarts	1 1/4	1 1/2	2
Dozen in Case....	1	1	1
Wt. Case, Lbs....	32	38	45
Per Dozen	\$13.50	15.00	16.50
Nos.	085	045	055
Quarts	2 7/8	3 3/8	4 1/4
Dozen in Case....	1	1	1
Wt. Case, Lbs....	50	55	65
Per Dozen	\$18.00	21.00	24.00

TEA POTS



Seamless, Enameled Cover, Hollow Handle.

Nos.	00	010	020
Quarts	1 1/4	1 1/2	2
Dozen in Case....	1	1	1
Wt. Case, Lbs....	34	43	51
Per Dozen	\$13.50	15.00	16.50
Nos.	030	040	
Quarts	3	3 3/4	
Dozen in Case....	1	1	
Wt. Case, Lbs....	56	60	
Per Dozen	\$18.00	21.00	

SAUCERS



Seamless.

Nos.	0	1
Size, Inches	5 x 5/8	5 7/8 x 7/8
Dozen in Case....	12	12
Weight Case, Lbs....	39	50
Per Dozen	\$1.90	2.10

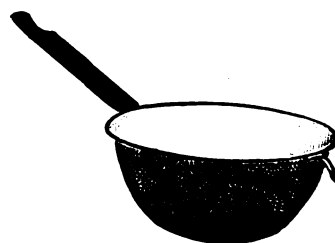
FLAT SKIMMERS



Flat Handle.

Nos.	10	11
Size, Inches	4 3/4	4 3/4
Dozen in Case....	12	12
Weight Case, Lbs....	95	115
Per Dozen	\$2.75	3.00

SOUP STRAINERS



Seamless.

Nos.	16	18	20
Size, Inches ..	6 3/4 x 3 1/8	7 1/8 x 3 3/8	8 x 3 7/8
Doz. in Case..	3	3	3
Wt. Case, Lbs.	37	42	70
Per Dozen....	\$8.00	9.50	11.00

TEA STEEPERS



Seamless.

Nos.	1	2
Quarts	5/8	1
Size, Inches	4 3/8 x 3	5 x 3 1/2
Dozen in Case....	3	3
Weight Case, Lbs....	70	80
Per Dozen	\$6.75	7.25

BASTING SPOONS



Threaded Handle.

Nos.	10	12	14	16
Size, Inches....	10	12	14	16
Doz. in Case....	12	12	12	12
Wt. Case, Lbs.	53	60	70	75
Per Dozen	\$1.85	2.25	2.50	2.75

BREAD RAISERS



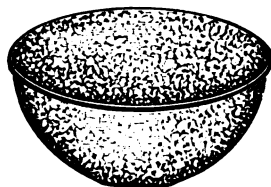
Ventilated Enameled Cover.

Nos.	101	141	171
Quarts ..	10	14	17
Size, In... 14 7/8 x 6 3/4	16 1/2 x 7 1/4	17 7/8 x 7 1/2	
Dz. in Cas.	1/4	1/4	1/4
Wt. C., Lb.	45	60	70
Per Doz..	\$30.00	34.00	41.50

GARNET ENAMELED WARE

This Ware is Known for its Extreme Durability. It is Reddish Brown in Color, Closely Speckled with White. It is Very Smooth and Absolutely Acid Proof

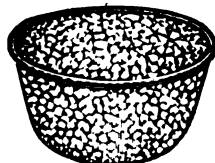
MIXING BOWLS



Seamless.

Nos.	115	120	125
Quarts	$\frac{3}{4}$	1	$1\frac{1}{2}$
Size, Inches....	$5\frac{3}{8}$	$6\frac{3}{4}$	$7\frac{1}{2}$
Dozen in Case..	12	12	12
Wt. Case, Lbs..	144	156	168
Per Dozen	\$3.25	3.50	3.75
Nos.		130	140
Quarts		$1\frac{1}{4}$	$3\frac{1}{2}$
Size, Inches....		$8\frac{1}{2}$	$10\frac{1}{4}$
Dozen in Case..		12	12
Wt. Case, Lbs..		204	252
Per Dozen		\$4.75	6.25

SOUP BOWLS.

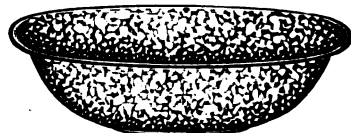


Seamless.

Nos.	140	150
Quarts	$\frac{3}{4}$	1
Size, Inches	$5\frac{1}{2} \times 2\frac{1}{2}$	$6\frac{1}{2} \times 3$
Wt. Doz., Lbs.....	12	13
Per Dozen	\$3.00	3.25

Open Stock.

WASH BOWLS



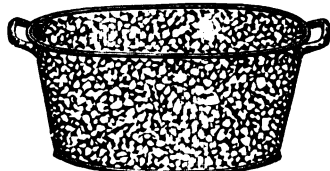
With Eyelet.

Nos.	26	28	30
Quarts	2	$2\frac{1}{2}$	$3\frac{1}{4}$
Size, Inches....	$10\frac{1}{2}$	$11\frac{1}{2}$	$12\frac{1}{4}$
Dozen in Case..	6	6	6
Wt. Case, Lbs..	72	78	90
Per Dozen	\$4.50	5.00	5.75

Nos.	32	34	36
Quarts	$3\frac{3}{4}$	$5\frac{3}{4}$	$6\frac{1}{2}$
Size, Inches....	13	$13\frac{3}{4}$	$14\frac{3}{4}$
Dozen in Case..	6	3	3
Wt. Case, Lbs..	108	66	78
Per Dozen	\$6.50	7.50	8.50

Nos. 26 to 32, 6 Dozen; Nos. 34 and 36, 3 Dozen in a Case.

OVAL FOOT BATHS



Hollow Handles.

No. 3—15 $\frac{1}{2}$ Quarts, 18 $\frac{1}{2} \times 14\frac{1}{2} \times 8$ inches, Weight Per Dozen	
40 Lbs.	\$20.00
One Dozen in a Case.	

COFFEE BOILERS



Retinned Cover, Flat Bottom, Enameled, Steel Back Handle and Wood Bail.

Nos.	07	08	09
Tr. Cap., Qts..	7	8	9
Ac. Cap., Qts..	5	$6\frac{3}{4}$	9
Inches	$9 \times 8\frac{1}{2}$	$9\frac{1}{2} \times 9$	$10\frac{1}{2} \times 9\frac{1}{2}$
Doz in Case..	1	1	1
Wt. Ca., Lb..	53	65	80
Per Dozen...	\$15.00	18.00	23.00



Enameled Cover, Flat Bottom, Enameled Steel Back Handle and Wood Bail.

Nos.	071	081	091
Tr. Cap., Qts..	7	8	9
Ac. Cap., Qts..	5	$6\frac{3}{4}$	9
Inches	$9 \times 8\frac{1}{2}$	$9\frac{1}{2} \times 9$	$10\frac{1}{2} \times 9\frac{1}{2}$
Doz in Case..	1	1	1
Wt. Ca., Lb..	53	65	80
Per Dozen...	\$16.50	20.00	25.00

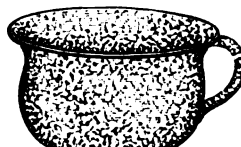
CEREAL COOKERS



Combination Sauce Pan and Preserving Kettle, Retinned Cover Fits Both Vessels.

No. 020—Trade Cap. 2 Qts., Inset 1 $\frac{1}{2}$ Qts., Weight Per Dozen 36 Lbs.	\$10.50
Open Stock.	

CHAMBERS



Seamless.

Nos.	1	$1\frac{1}{2}$	2
Inches	$7\frac{1}{2} \times 4\frac{1}{4}$	$9\frac{1}{4} \times 4\frac{1}{2}$	$10\frac{1}{4} \times 5\frac{3}{8}$
Doz. in Case	3	$\frac{1}{2}$	$\frac{1}{2}$
Wt. Ca., Lb.	60	11	12
Per Dozen.	\$6.00	7.50	9.00

MILK OR RICE BOILERS



Seamless, Retinned Cover, Wood Knob. Hollow Enameled Handles.

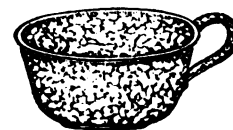
Nos.	52	53	54	55
Tr. Cap., Qts..	2	3	4	5
Qts. In. Boil'r	$1\frac{1}{4}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$
Doz. in Case..	1	1	1	1
Wt. Case, Lb.	54	55	68	87
Per Dozen...	\$13.00	14.50	18.00	20.00



Seamless, Enameled Cover, Enameled Cover Handle, Hollow Enameled Handles.

Nos.	521	531	541	551
Tr. Cap., Qts..	2	3	4	5
Qts. In. Boil'r	$1\frac{1}{4}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$
Doz. in Case..	1	1	1	1
Wt. Case, Lb.	51	62	74	93
Per Dozen...	\$14.00	16.00	20.00	22.00

DRINKING CUPS



Flaring, Seamless.

Nos.	90	100	110
Tr. Cap., Pts....	$\frac{3}{4}$	1	$1\frac{1}{4}$
Ac. Cap., Pts....	$\frac{3}{8}$	$\frac{3}{4}$	1
Inches	$4\frac{1}{4}$	$4\frac{5}{8}$	5
Doz. in Case....	12	12	12
Wt. Case, Lbs....	48	48	60
Per Dozen.....	\$2.00	2.25	2.50

SAUCERS



Seamless.

No. 0—6 $\frac{1}{4}$ inches Diameter, Wt.	
Per Dozen 2 Lbs.....	\$2.00
Open Stock.	

CHAMBER COVERS



Nos.	1	$1\frac{1}{2}$	2
Inches	$7\frac{1}{2}$	$9\frac{1}{4}$	$10\frac{1}{4}$
Wt. Dozen, Lbs..	10	11	13
Per Dozen.....	\$3.00	3.50	4.00
Open Stock.			

GARNET ENAMELED WARE

DRINKING CUPS



Straight, Seamed.

Nos.	11	14
Tr. Cap., Qts.	$\frac{1}{2}$	1
Ac. Cap., Qts.	$\frac{3}{8}$	1
Size, Inches.	$3\frac{3}{4} \times 2\frac{3}{4}$	$4\frac{3}{4} \times 4\frac{1}{2}$
Dozen in Case.	12	12
Wt. Case, Lbs.	72	120
Per Dozen.	\$2.50	3.75

STRAIGHT CUPS



Deep, Seamless.

No.	23	
Tr. Cap., Pts.	$\frac{3}{4}$	
Ac. Cap., Pts.	$\frac{3}{4}$	
Size, Inches.	$3\frac{3}{4} \times 3\frac{1}{4}$	
Dozen in Case.	12	
Wt. Case, Lbs.	66	
Per Dozen.	\$3.25	

TEA STEEPERS OR BABY FOOD CUPS



Seamless, Retinned Cover, Low Pattern.			
Nos.	1	3	
Quarts.	$\frac{3}{4}$	$\frac{7}{8}$	
Size, Inches.	$3\frac{3}{4} \times 2\frac{3}{4}$	$5 \times 3\frac{1}{2}$	
Wt. Dozen, Lbs.	9	14	
Per Dozen.	\$4.75	6.50	
Open Stock.			

CUSPIDORS



Seamed.

Nos.	1	3
Size, Inches.	7×4	$7\frac{1}{2} \times 5$
Dozen in Case.	3	3
Wt. Case, Lbs.	48	63
Per Dozen.	\$5.00	7.50

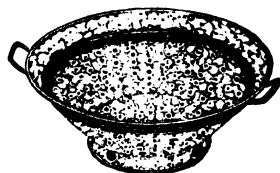
CULLENDERS



Seamless, Wrought Handles.

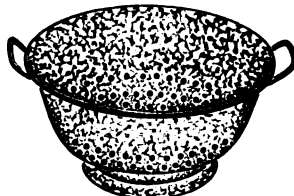
Nos.	205	306
Size, Inches.	$10\frac{1}{2}$	$11\frac{1}{2}$
Dozen in Case.	3	3
Wt. Case, Lbs.	60	63
Per Dozen.	\$7.00	8.50

CULLENDERS



Seamed, Wrought Handles.

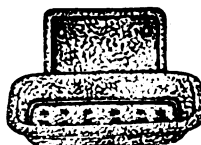
No.	25
Size, Inches.	$11\frac{1}{2}$
Dozen in Case.	3
Weight Case, Lbs.	72
Per Dozen.	\$8.50



Seamless, Extra Deep, German Pattern.

No.	95
Size, Inches.	$9\frac{1}{2}$
Dozen in Case.	3
Weight Case, Lbs.	57
Per Dozen.	\$8.00

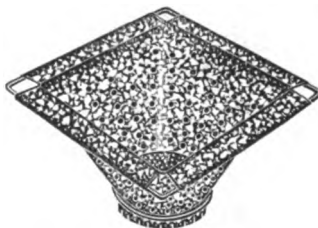
WALL SOAP DISHES



Corrugated Bottom.

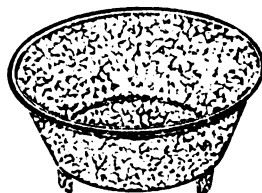
	With Drainer	Without Drainer
Nos.	60	060
Size, Inches.	$6\frac{1}{4} \times 4$	$6\frac{1}{4} \times 4$
Wt. Dozen, Lbs.	5	5
Per Dozen.	\$3.50	2.50
Open Stock.		

SANITARY SINK DRAINERS



Seamed, Round Bottom, Wired Top.			
No.	300		
Size, Inches.	$8\frac{3}{4} \times 4\frac{5}{8}$		
Wt. Dozen, Lbs.	9 $\frac{1}{2}$		
Per Dozen.	\$7.00		
Open Stock.			

SINK DRAINERS



Seamless, Round, with Feet.

No.	1 $\frac{1}{2}$
Size, Inches.	$7\frac{3}{4} \times 3\frac{1}{2}$
Dozen in Case.	3
Wt. Case, Lbs.	42
Per Dozen.	\$5.00

COCOA SHAPE DIPPERS

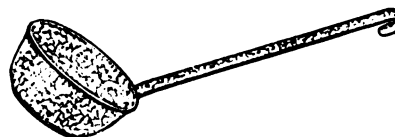


Enameled Wood Handle, Riveted Shank.

No.	151
Size, Inches.	$4\frac{1}{4} \times 2\frac{3}{4}$
Wt. Dozen, Lbs.	5
Per Dozen.	\$3.00

Open Stock.

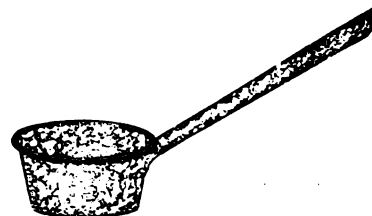
CUP DIPPERS



Flat Handle.

Nos.	9	10
Pints.	$\frac{5}{8}$	$\frac{3}{4}$
Size, Inches.	$4\frac{1}{4} \times 1\frac{7}{8}$	$4\frac{5}{8} \times 2\frac{1}{8}$
Doz. in Case.	12	12
Wt. Case, Lbs.	96	108
Per Dozen.	\$3.25	3.50

WINDSOR DIPPERS



Improved Oval Steel Handle.

Nos.	600	610
Tr. Cap., Pts.	$\frac{3}{4}$	1
Ac. Cap., Pts.	$\frac{3}{4}$	1
Size, Inches.	$4\frac{1}{2} \times 2\frac{1}{4}$	$4\frac{3}{4} \times 2\frac{1}{2}$
Doz. in Case.	6	6
Wt. Case, Lbs.	108	120
Per Dozen.	\$3.50	4.00

Nos.	612	614
Tr. Cap., Pts.	2	3
Ac. Cap., Pts.	$1\frac{3}{4}$	$2\frac{1}{4}$
Size, Inches.	$5\frac{7}{8} \times 2\frac{3}{4}$	$6\frac{1}{2} \times 3$
Doz. in Case.	6	6
Wt. Case, Lbs.	156	168
Per Dozen.	\$4.50	5.00

FUNNELS



Nos.	03	04
Pints.	1	2
Doz. in Case.	4	4
Wt. Case, Lbs.	96	120
Per Dozen.	\$4.50	5.00

GARNET ENAMELED WARE

TEA KETTLES



Flat Bottom, Seamless Enamelled Cover and Knob, Fancy Spout.

Nos.	04	05	06
Tr. Cap., Qts.	2	3	4
Ac. Cap., Qts.	1 5/8	2	3 3/4
Size, Inches	7 3/8 x 3 5/8	8 x 3 3/4	9 1/4 x 4 3/4
Doz. in Case	12	15	19
Weight Case, Lbs.	14	15	19
Per Dozen	\$10.50	12.00	13.50
Nos.	07	08	09
Tr. Cap., Qts.	5	7	8
Ac. Cap., Qts.	4 1/2	6	6 3/4
Size, Inches	10 x 5 1/2	10 1/2 x 6 1/2	10 7/8 x 6 1/4
Doz. in Case	12	12	12
Weight Case, Lbs.	20	23	27
Per Dozen	\$15.00	17.50	21.00



Seamless, Flat Bottom, Seamless Enamelled Cover and Knob, Fancy Spout.

Nos.	180	190
Trade Cap., Qts.	7	9
Ac. Cap., Qts.	7	9
Size, Inches	10 x 6 1/4	10 1/2 x 6 1/2
Dozen in Case	1	1
Weight Case, Lbs.	62	72
Per Dozen	\$20.00	24.00

BERLIN KETTLES



Seamless, Retinned Cover, Wood Handle.

Nos.	02	03	04	06
Tr. Cap., Qts.	2	3	4	6
Ac. Cap., Qts.	1 3/4	3	4	5 1/2
Size, Inches	6x4	7 1/8 x 4 3/8	7 1/2 x 4 3/4	8 5/8 x 6
Dozen in Case.	3	1 1/2	1 1/2	1 1/2
Weight Case, Lbs. ...	57	11	14	17
Per Dozen	\$6.50	7.50	9.00	11.00
Nos.	08	010	012	
Tr. Cap., Qts.	8	10	12	
Ac. Cap., Qts.	8	9 3/4	11	
Size, Inches	9 5/8 x 7 1/8	10 5/8 x 7 3/4	11 1/2 x 8 1/2	
Dozen in Case.	1 1/2	1 1/2	1	
Weight Case, Lbs. ...	20	24	30	
Per Dozen	\$13.50	16.50	19.50	



Seamless, Enamelled Cover, Wood Handle.

Nos.	021	031	041	061
Tr. Cap., Qts.	2	3	4	6
Ac. Cap., Qts.	1 3/4	3	4	5 1/2
Size, Inches	6x4	7 1/8 x 4 3/8	7 1/2 x 4 3/4	8 5/8 x 6
Dozen in Case.	3	1/2	1/2	1/2
Weight Case, Lbs. ...	63	13	15	19
Per Dozen	\$8.00	9.00	11.00	13.50
Nos.	081	0101	0121	
Tr. Cap., Qts.	8	10	12	
Ac. Cap., Qts.	8	9 3/4	11	
Size, Inches	9 5/8 x 7 7/8	10 5/8 x 7 3/4	11 1/2 x 8 1/2	
Dozen in Case.	1/2	1/2	1	
Weight Case, Lbs. ...	22	26	32	
Per Dozen	\$16.50	19.50	22.50	

IMPERIAL MASLIN KETTLES



Seamless, Retinned Cover, Lipped, Self-Locking Bail Securely Holds Down Cover While Draining.

Nos.	50	60	70	100
Tr. Cap., Qts.	5	6	7	10
Ac. Cap., Qts.	5	6	6 7/8	9 3/4
Size, Inches	9 3/8 x 5 1/4	9 3/4 x 5 3/8	10 3/8 x 5 1/2	12 x 6 1/4
Dozen in Case	2	2	2	1
Wt. Case, Lbs.	80	94	110	70
Per Dozen	\$10.00	11.00	13.00	16.50



Seamless, Enamelled Cover, Lipped, Self-Locking Bail Securely Holds Down Cover While Draining.

Nos.	500	600	700	1000
Tr. Cap., Qts.	5	6	7	10
Ac. Cap., Qts.	5	6	6 7/8	9 3/4
Size, Inches	9 3/8 x 5 1/4	9 3/4 x 5 3/8	10 3/8 x 5 1/2	12 x 6 1/4
Dozen in Case	2	2	2	1
Wt. Case, Lbs.	82	94	110	80
Per Dozen	\$12.50	14.00	15.50	20.00

GARNET ENAMELED WARE

PRESERVE KETTLES



Seamless, Lipped, Deep.

Nos.	16	18	20	22
Tr. Cap., Qts.	2	2 1/2	3	4
Act. Cap., Qts.	1 3/4	2	2 3/4	3 3/4
Size, Inches.	7x3 1/4	7 1/4 x3 1/2	8 3/8 x3 3/4	9x4 1/4
Dozen in Case.	3	3	3	3
Weight Case, Lbs.	42	48	51	66
Per Dozen.	\$4.50	5.00	5.75	6.50
Nos.	24	26	28	30
Tr. Cap., Qts.	5	6	8	10
Act. Cap., Qts.	4 1/2	5 1/2	6 3/4	8 1/4
Size, Inches.	9 3/8 x4 1/4	10 7/8 x4 7/8	11 1/4 x5 1/2	12 1/4 x5 5/8
Dozen in Case.	3	3	2	1
Weight Case, Lbs.	75	90	70	45
Per Dozen.	\$7.25	8.00	9.50	11.00
Nos.		32	36	40
Tr. Cap., Qts.		12	14	18
Act. Cap., Qts.		9 1/2	13	16
Size, Inches.		12 1/2 x5 3/4	13 3/4 x6 1/2	15 1/2 x7 3/4
Dozen in Case.		1	1	1
Weight Case, Lbs.		50	75	80
Per Dozen.		\$13.00	16.00	24.00

PIERCED LADLES



Flat Handle.

No.	101
Size, Inches.	3 3/8
Dozen in Case.	12
Weight Case, Lbs.	96
Per Dozen.	\$3.25

SOLID LADLES



Flat Handle.

Nos.	9	10
Pints.	1 1/4	3/4
Size, Inches.	3 3/4	3 3/8
Dozen in Case.	12	12
Weight Case, Lbs.	96	108
Per Dozen.	\$2.75	3.00

MEASURES



Seamed, with Lip.

Nos.	01	02	03
Pints.	1/4	1/2	1
Size, In.	2 1/2 x2 3/8	3 1/4 x2 3/4	3 5/8 x4 3/8
Wt. Dz., Lbs.	4	5	7
Per Dozen.	\$3.00	3.50	4.50

Nos.	04	05	06
Pints.	2	4	8
Size, In.	4 3/8 x5 3/8	5 1/2 x7 1/2	6 1/4 x9 1/4
Wt. Dz., Lbs.	16	24	40
Per Dozen.	\$6.00	8.00	11.50

Open Stock.

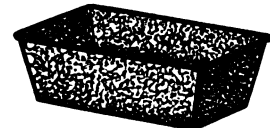
MILK KETTLES



Seamed, Wire Balls, Enameled Wood Handles, Retinned Covers.

Nos.	11	12	18
Tr. Cap., Qts.	1	2	3
Act. Cap., Qts.	1	2	3
Size, Inches.	4 1/4 x5 3/4	5x7 1/4	5 3/8 x8 3/8
Dozen in Case.	3	2	1
Weight Case, Lbs.	54	42	24
Per Dozen.	\$6.00	7.50	9.00
Nos.		14	16
Tr. Cap., Qts.		4	6
Act. Cap., Qts.		4	6
Size, Inches.		6 1/2 x9	7 1/4 x10 3/4
Dozen in Case.		1	1
Weight Case, Lbs.		28	30
Per Dozen.		\$11.00	13.00

BREAD PANS



Wired.

Nos.	1	2
Size, Inches.	9 1/4 x3 1/2 x5	10 1/4 x3 1/4 x6
Wt. Doz., Lbs.	11	13
Per Dozen.	\$4.50	5.50
Nos.		3
Size, Inches.		12x3 1/4 x6 3/4
Wt. Doz., Lbs.		17
Per Dozen.		\$6.50

SPONGE CAKE PANS



Wired.

No. 150—12 1/4 x3x5 inches, Weight	
Per Dozen 13 Lbs.	\$4.50

MUFFIN PANS



Solid Frame.

Nos.	6	8	12
Size, In.	10 3/4 x7 1/4	14 1/4 x7 1/4	14 1/4 x10 3/4
Cups.	6	8	12
Cups, In.	3 1/4 x1	3 1/4 x1	3 1/4 x1
Wt. Doz.	13	17	26
Per Doz.	\$5.50	6.50	9.00

CORN CAKE PANS



Solid Frame.

Nos.	06	08	012
Size, In.	10 3/4 x7 1/4	14 1/4 x7 1/4	14 1/4 x10 3/4
Cups.	6	8	12
Cups, In.	3 1/4 x1 1/4	3 1/4 x1 1/4	3 1/4 x1 1/4
Wt. Doz.	17	20	27
Per Doz.	\$6.50	7.50	10.00

GRADUATED MEASURES



No.	1
Quarts.	1
Size, Inches.	4 1/4 x4 1/2
Dozen in Case.	3
Weight Case, Lbs.	36
Per Dozen.	\$6.00

SHALLOW PIE PLATES

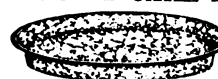


Nos.	9	10
Size, Inches.	9x9	10x7
Dozen in Case.	12	12
Weight Case, Lbs.	84	96
Per Dozen.	\$3.00	3.50

DEEP PIE PLATES

Nos.	90	100
Size, Inches.	9x1 1/4	10x1 1/4
Dozen in Case.	12	12
Weight Case, Lbs.	108	120
Per Dozen.	\$3.25	3.75

DEEP JELLY CAKE PANS



Nos.	9	10
Size, Inches.	9x1	10x1
Dozen in Case.	12	12
Weight Case, Lbs.	96	96
Per Dozen.	\$3.25	3.75

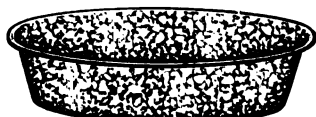
MOUNTAIN CAKE PANS



Nos.	90	100
Size, Inches.	9x1 3/8	10x1 3/8
Dozen in Case.	12	12
Weight Case, Lbs.	108	132
Per Dozen.	\$3.75	4.25

GARNET ENAMELED WARE

MILK PANS



Seamless.				
Nos.	01	01½	02	03
T. Cap., Qts.	1	1½	2	3
A. Cap., Qts.	¾	1	1½	1¾
Size, In....	6x1½	6¾x1¾	7¾x1¾	8½x2½
Doz. in Case	6	6	6	6
Wt. Ca., Lb.	30	42	54	60
Per Dozen.	\$2.50	2.75	3.25	3.50
Nos.	04	05	06	08
T. Cap., Qts.	4	5	6	8
A. Cap., Qts.	2¾	3¾	4	5
Size, In....	10¾x2½	11¾x2½	12¾x2¾	13½x2¾
Doz. in Case	6	6	3	3
Wt. Ca., Lb.	84	120	72	90
Per Dozen.	\$5.00	5.75	6.50	7.50

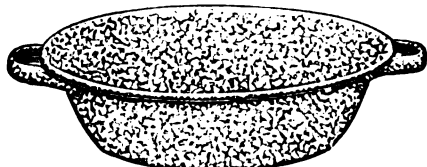
BAKE PANS



Retinned Cover, Hollow Handle.

No.	50
Trade Capacity, Quarts....	5
Actual Capacity, Quarts....	3½
Size, Inches	10¾x3¾
Dozen in Case	4
Weight Case, Lbs.....	80
Per Dozen	\$8.00

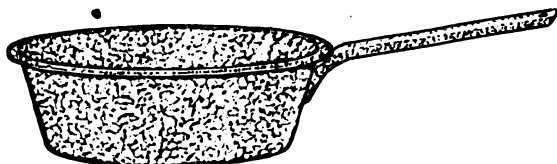
RINSING PANS



Seamless, Hollow Handles.

Nos.	08	010
Tr. Cap., Qts....	8	10
Ac. Cap., Qts....	6½	7½
Size, Inches....	14x4¼	14½x3¾
Doz. in Case	1	1
Wt. Case, Lbs....	41	47
Per Dozen	\$10.00	11.00
Nos.	014	017
Tr. Cap., Qts....	14	17
Ac. Cap., Qts....	11	13¼
Size, Inches....	16¾x4½	18x4½
Doz. in Case	1	1
Wt. Case, Lbs....	55	73
Per Dozen	\$13.00	15.00

STEW PANS



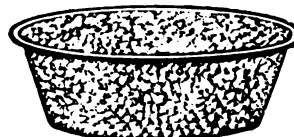
Seamless, Shallow.

Nos.	01½	02	03
Quarts	1	1¾	2¾
Size, Inches	7¾x1¾	9¼x2¾	10¾x2½
Weight Per Dozen, Lbs....	15	18	20
Per Dozen	\$3.50	4.25	5.25

Seamless, Deep.

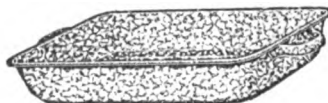
Nos.	3	4	5
Quarts	2¾	3½	4¼
Size, Inches	10x3¼	10¾x3¾	11½x3½
Weight Per Dozen, Lbs....	20	24	27
Per Dozen	\$5.25	6.00	6.75

PUDDING PANS



Seamless.				
Nos.	1	1½	2	3
Tr. Cap., Qts..	1	1½	2	2½
Ac. Cap., Qts..	¾	1	1¾	2¼
Size, Inches....	6¾x2¼	7x2¾	7¾x2¾	8¾x2¾
Doz. in Case..	6	6	6	6
Wt. Case, Lbs..	42	48	54	66
Per Dozen....	\$2.75	3.25	3.50	4.00
Nos.	4	5	6	8
Tr. Cap., Qts..	4	5	6	8
Ac. Cap., Qts..	2¾	3¾	4¼	5¼
Size, Inches....	10x3¼	10¾x3¾	11½x3½	12¾x4
Doz. in Case..	6	6	3	3
Wt. Case, Lbs..	96	114	66	75
Per Dozen....	\$5.00	5.75	6.50	7.50

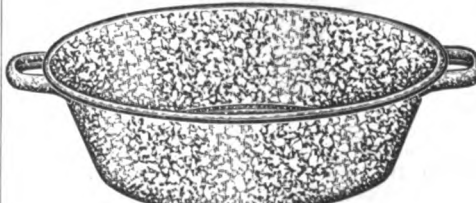
OBLONG STOVE PANS



Hollow Handles.

Nos.	300	350
Size, Inches. 8½x12x2½	9½x14x2½	
Doz. in Case	2	2
Wt. Ca., Lb.	40	40
Per Dozen..	\$8.00	10.00
Nos.	400	450
Size, Inches. 10½x15x2½	11½x16½x2½	
Doz. in Case	2	2
Wt. Ca., Lb.	46	50
Per Dozen..	\$11.00	13.00

DISH PANS



Seamless, Hollow Handles.

Nos.	10	14
Tr. Ca., Qts.	10	14
Ac. Ca., Qts.	9¼	11
Size, Inches. 14½x5½	16½x5½	
Doz. in Case	1	1
Wt. Ca., Lbs.	48	65
Per Dozen..	\$12.00	14.00
Nos.	17	21
Tr. Cp., Qts.	17	21
Ac. Ca., Qts.	14½	19
Size, Inches. 17¾x5½	19½x6	21¼x6¾
Doz. in Case	1	1
Wt. Ca., Lbs.	80	90
Per Dozen..	\$16.00	19.00

ACME FRY PANS

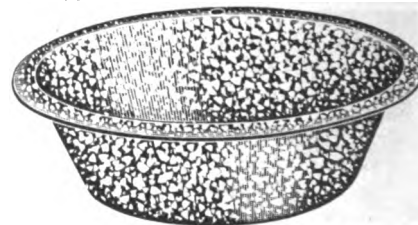


Cool Handles.

Nos.	3	4
Size, Inches	7½	8
Wt. Dozen, Lbs....	15	17
Per Dozen	\$6.75	7.50

Open Stock.

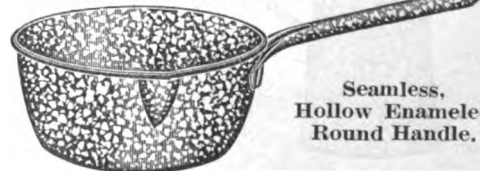
ROLLED EDGE DISH PANS



Seamless.

Nos.	100	140	170
Tr. Cap., Qts.	10	14	17
Ac. Cap., Qts.	10	14	17
Size, Inches. 15¼x4¾	17x5	18½x5½	
Doz. in Case.	1	1	1
Wt. Case, Lbs.	35	40	45
Per Dozen...	\$11.50	13.50	15.50

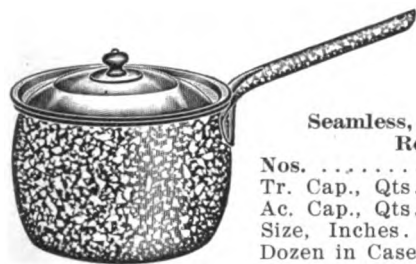
LIPPED SAUCE PANS

Seamless,
Hollow Enameled
Round Handle.

Nos.	12	14	16	18	20
Tr. Cap., Qts..	1	1½	2	2½	3
Ac. Cap., Qts.	¾	1	1¾	2	2½
Size, Inches....	5¾x2½	6½x2¾	7x3¼	7¾x3½	8¾x3¾
Doz. in Case..	6	6	3	3	3
Wt. Case, Lbs.	54	60	42	51	54
Per Dozen....	\$3.75	4.00	4.50	5.00	5.75
Nos.	22	24	26	28	
Tr. Cap., Qts..	4	5	6	8	
Ac. Cap., Qts..	3¼	4¼	6	6¾	
Size, Inches....	9x4¼	9¾x4½	10¾x4¾	11¾x5½	
Doz. in Case..	3	3	2	2	
Wt. Case, Lbs.	66	75	60	80	
Per Dozen....	\$6.50	7.25	8.00	9.50	

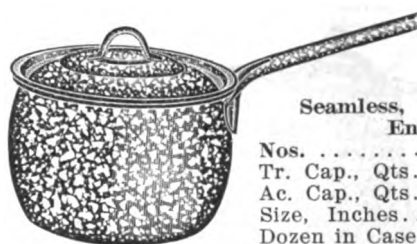
GARNET ENAMELED WARE

BERLIN SAUCE PANS

Seamless, Round Steel Handle,
Retinned Cover.

Nos.	02	03	04
Tr. Cap., Qts.	2	3	4
Ac. Cap., Qts.	1 1/4	3	4
Size, Inches..	6x4	7 1/8 x 4 3/8	7 1/2 x 4 3/4
Dozen in Case.	3	2	2
Wt. Case, Lbs.	78	64	76
Per Dozen....	\$6.50	7.50	9.00

Nos.	06	08	010	012
Tr. Capacity, Qts...	6	8	10	12
Act. Capacity, Qts..	5 1/2	8	9 3/4	12
Size, Inches.....	8 5/8 x 6	9 5/8 x 7 1/8	10 5/8 x 7 3/4	11 1/2 x 8 1/8
Dozen in Case.....	2	1	1	1
Weight Case, Lbs..	108	80	89	98
Per Dozen	\$11.00	13.50	16.50	19.50

Seamless, Round Steel Handle,
Enameled Cover.

Nos.	021	031	041
Tr. Cap., Qts.	2	3	4
Ac. Cap., Qts.	1 1/4	3	4
Size, Inches..	6x4	7 1/8 x 4 3/8	7 1/2 x 4 3/4
Dozen in Case.	3	2	2
Wt. Case, Lbs.	87	70	82
Per Dozen....	\$8.00	9.00	11.00

Nos.	061	081	0101	0121
Tr. Capacity, Qts...	6	8	10	12
Act. Capacity, Qts..	5 1/2	8	9 3/4	12
Size, Inches.....	8 5/8 x 6	9 5/8 x 7 1/8	10 5/8 x 7 3/4	11 1/2 x 8 1/8
Dozen in Case.....	2	1	1	1
Weight Case, Lbs..	114	84	93	104
Per Dozen	\$13.50	16.50	19.50	22.50

BERLIN SAUCE POTS

Seamless, Hollow Side Handles,
Retinned Cover.

Nos.	02	03	04
Tr. Cap., Qts.	2	3	4
Ac. Cap., Qts.	1 1/4	3	4
Size, Inches..	6x4	7 1/8 x 4 3/8	7 1/2 x 4 3/4
Dozen in Case.	3	1/2	1/2
Wt. Case, Lbs.	54	7	10
Per Dozen....	\$6.50	7.50	9.00

Nos.	06	08	010	012
Tr. Capacity, Qts...	6	8	10	12
Act. Capacity, Qts..	5 1/2	8	9 3/4	11
Size, Inches.....	8 5/8 x 6	9 5/8 x 7 1/8	10 5/8 x 7 3/4	11 1/2 x 8 1/8
Dozen in Case.....	1/2	1/2	1/2	1
Weight Case, Lbs..	12	15	19	90
Per Dozen	\$11.00	13.50	16.50	19.50

Seamless, Hollow Side Handles,
Enameled Cover.

Nos.	041	061
Tr. Cap., Qts.....	4	6
Ac. Cap., Qts.....	4	5 1/2
Size, Inches	7 1/2 x 4 3/4	8 5/8 x 6
Dozen in Case....	1/2	1/2
Wt. Case, Lbs.....	10	12
Per Dozen	\$11.00	13.50

Nos.	081	0101	0121
Tr. Capacity, Qts.....	8	10	12
Act. Capacity, Qts.....	8	9 3/4	11
Size, Inches	9 5/8 x 7 1/8	10 5/8 x 7 3/4	11 1/2 x 8 1/8
Dozen in Case.....	1/2	1/2	1
Weight Case, Lbs.....	15	19	90
Per Dozen	\$16.50	19.50	22.50

STRAIGHT SAUCE POTS

Seamless, Hollow Side Handles,
Retinned Cover.

Nos.	20	30	40
Tr. Cap., Qts..	2	3	4
Ac. Cap., Qts..	1 1/2	2 1/2	3
Size, Inches..	6x4	7x4 3/8	7 1/2 x 5 1/8
Wt. Doz., Lbs.	20	29	34
Per Dozen....	\$7.00	8.00	9.50

Nos.	60	80	100	120
Tr. Cap., Qts.....	6	8	10	12
Ac. Cap., Qts.....	5	7	8 1/2	10
Size, Inches.....	8 1/2 x 6	9 1/4 x 6 3/8	10 1/4 x 7 1/2	11 1/2 x 8 1/8
Wt. Dozen, Lbs....	43	70	87	94
Per Dozen	\$12.00	15.00	18.00	21.00

Seamless, Hollow Side Handles,
Enameled Cover.

Nos.	401	601
Tr. Cap., Qts.....	4	6
Ac. Cap., Qts.....	3	5
Size, Inches.....	7 1/2 x 5 1/8	8 1/2 x 6
Wt. Dozen, Lbs....	35	44
Per Dozen	\$11.50	14.00

Nos.	801	1001	1201
Trd. Capacity, Qts.....	8	10	12
Act. Capacity, Qts.....	7	8 1/2	10
Size, Inches	9 1/4 x 6 3/8	10 1/4 x 7 1/2	11 1/2 x 8 1/8
Wt. Dozen, Lbs.....	72	90	95
Per Dozen	\$17.00	21.00	24.00

Open Stock.

STRAIGHT STOCK POTS



Seamed, Side Handles.

Nos.	022	024	026
Trd. Capacity, Qts.....	8	10	12
Act. Capacity, Qts.....	7 1/4	9 1/2	12
Size, Inches	9 3/8 x 7	10 x 7 3/8	10 7/8 x 8 1/2
Weight Dozen, Lbs.....	66	77	82
Without Cover.... Per Doz.,	\$13.00	15.00	19.00
With Tin Cover.... Per Doz.,	14.00	16.00	20.00
Nos.	028	030	032
Trd. Capacity, Qts.....	16	20	24
Act. Capacity, Qts.....	16	19	23
Size, Inches	12 x 9 1/4	12 3/4 x 9 3/8	13 1/4 x 10 3/8
Weight Dozen, Lbs.....	105	120	140
Without Cover.... Per Doz.,	\$22.00	25.00	28.00
With Tin Cover.... Per Doz.,	24.00	27.00	30.00
Open Stock.			

WATER PITCHERS

Seamless, Convex Shape,
Hollow Steel Handle.

Nos.	402	403
Quarts	1 1/4	1 5/8
Size, Inches..	5 3/4	6 1/4
Doz. in Case..	3	3
Wt. Case, Lbs.	48	54
Per Dozen....	\$8.00	9.00

Nos.	404	405
Quarts	1 1/2	2 3/8
Size, Inches..	6 1/2	7 1/4
Doz. in Case..	3	3
Wt. Case, Lbs.	69	72
Per Dozen....	\$10.00	11.00

PERCOLATORS



Aluminum Insets, Glass Tops.

No.	1
Cups	8
Quarts	2
Size, Inches.....	5 3/4 x 8
Doz. in Case.....	1/2
Wt. Case, Lbs.....	15
Per Dozen	\$24.00

GARNET ENAMELED WARE

COFFEE POTS

Seamed, Hollow Enameled Steel Handles.



Retinned Seamless Cover, Wood Knob.

Nos.	5	15	25	35	45	55
Tr. Cap., Qts.	1	1 1/2	2	3	4	5
Ac. Cap., Qts.	1	1 1/2	2	2 3/4	3 3/4	4
Size, Inches.	4 1/2 x 7 1/4	5 1/4 x 7 1/4	5 3/4 x 8	6 1/2 x 9	6 3/4 x 9 1/4	7 1/4 x 10 1/4
Doz. in Case	1	1	1 1/2	1 1/2	1 1/2	1
Wt. Case, Lbs.	24	26	16	17	18	47
Per Dozen	\$7.00	8.00	9.00	10.00	11.00	12.50

Seamless Enameled Cover, Enameled Knob.

Nos.	51	151	251	351	451	551
Tr. Cap., Qts.	1	1 1/2	2	3	4	5
Ac. Cap., Qts.	1	1 1/2	2	2 3/4	3 3/4	4
Size, Inches.	4 1/2 x 7 1/4	5 1/4 x 7 1/4	5 3/4 x 8	6 1/2 x 9	6 3/4 x 9 1/4	7 1/4 x 10 1/4
Doz. in Case	1	1	1 1/2	1 1/2	1 1/2	1
Wt. Case, Lbs.	24	26	16	17	18	47
Per Dozen	\$8.00	9.00	10.00	11.00	12.00	13.50

COFFEE POTS

Seamless, Hollow Enameled Steel Handles.

Retinned Seamless Cover, Tin Knob.



Nos.	2015	2025
Tr. Cap., Qts.	1 1/2	2
Ac. Cap., Qts.	1 1/2	2
Size, Inches.	4 1/2 x 8 3/8	5 1/4 x 9 1/4
Doz. in Case	1	1
Wt. Case, Lbs.	36	37
Per Dozen	\$11.75	13.00
Nos.	2035	2045
Tr. Cap., Qts.	3	4
Ac. Cap., Qts.	2 3/4	3 3/4
Size, Inches.	5 3/4 x 9 3/4	6 1/2 x 10 1/2
Doz. in Case	1	1
Wt. Case, Lbs.	42	50
Per Dozen	\$14.50	16.00

Enameled Seamless Cover and Knob.

Nos.	2151	2251	2351	2451
Tr. Cap., Qts.	1 1/2	2	3	4
Ac. Cap., Qts.	1 1/2	2	2 3/4	3 3/4
Size, Inches.	4 1/2 x 8 3/8	5 1/4 x 9 1/4	5 3/4 x 9 3/4	6 1/2 x 10 1/2
Doz. in Case	1	1	1	1
Wt. Case, Lbs.	36	37	42	50
Per Dozen	\$12.75	14.00	15.50	17.00

ACME DINNER PAILS

Round, One Inset, Outside Cover, Wood Handle, Self-Locking Bail, Without Pie Tray.



No.	40
Quarts	4 1/2
Size, Inches.	6 3/4 x 7 3/4
Doz. in Case	1
Wt. Case, Lbs.	50
Per Dozen	\$16.75
With Enameled Pie Tray.	
No.	140
Wt. Case, Lbs.	55
Per Dozen	\$19.00

OBLONG DINNER PAILS

Self-Locking Cover, Enameled Wood Handle, with Coffee Flask in Cover, Cup and Pie Tray.



No.	193
Quarts	4
Inches	8 3/8 x 6 1/2 x 5 3/8
Doz. in Case	1
Wt. C., Lb.	50
Per Doz.	\$21.00

TEA POTS

Seamed, Hollow Enameled Steel Handles.



Retinned Seamless Cover, Wood Knob.

Nos.	0	10	20	30	40
Tr. Cap., Qts.	1	1 1/2	2	3	4
Ac. Cap., Qts.	1	1 1/2	2	2 3/4	3 3/4
Size, Inches.	4 1/2 x 7 1/4	5 1/4 x 7 1/4	5 3/4 x 8	6 1/2 x 9	6 3/4 x 9 1/4
Dozen in Case	1	1	1 1/2	1	1
Wt. Case, Lbs.	25	29	15	38	41
Per Dozen	\$7.50	8.50	9.50	10.50	11.50

Seamless Enameled Cover, Enameled Knob.

Nos.	01 1/2	101	201	301	401
Tr. Cap., Qts.	1	1 1/2	2	3	4
Ac. Cap., Qts.	1	1 1/2	2	2 3/4	3 3/4
Size, Inches.	4 1/2 x 7 1/4	5 1/4 x 7 1/4	5 3/4 x 8	6 1/2 x 9	6 3/4 x 9 1/4
Dozen in Case	1	1	1 1/2	1	1
Wt. Case, Lbs.	25	29	15	38	41
Per Dozen	\$8.50	9.50	10.50	11.50	12.50

TEA POTS

Seamless, Hollow Enameled Steel Handles.

Retinned Seamless Cover, Tin Knob.



Nos.	2010	2020
Tr. Cap., Qts.	1 1/2	2
Ac. Cap., Qts.	1 1/2	2
Size, Inches.	4 1/2 x 8 3/8	5 1/4 x 9
Doz. in Case	1	1
Wt. Case, Lbs.	35	37
Per Dozen	\$12.25	13.50
Nos.	2030	2040
Tr. Cap., Qts.	3	4
Ac. Cap., Qts.	2 3/4	3 3/4
Size, Inches.	5 3/4 x 9 3/4	6 1/2 x 10 1/2
Doz. in Case	1	1
Wt. Case, Lbs.	42	48
Per Dozen	\$15.00	16.50

Enameled Seamless Cover and Knob.

Nos.	3010	3020	3030	3040
Tr. Cap., Qts.	1 1/2	2	3	4
Ac. Cap., Qts.	1 1/2	2	2 3/4	3 3/4
Size, Inches.	4 1/2 x 8 3/8	5 1/4 x 9	5 3/4 x 9 3/4	6 1/2 x 10 1/2
Doz. in Case	1	1	1	1
Wt. Case, Lbs.	35	37	42	48
Per Dozen	\$13.25	14.50	16.00	17.50

COVERED PAILS

Enameled Wood Handle, Retinned Cover.

Seamed.

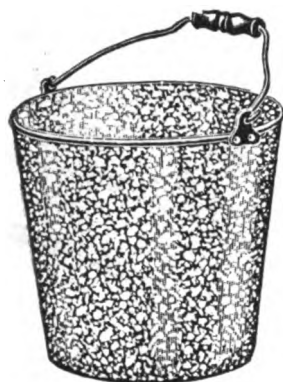
Nos.	10	11 1/2	20	30	40	60
Tr. Cap., Qts.	1	1 1/2	2	3	4	6
Ac. Cap., Qts.	1	1 1/2	2	3 1/4	4 1/2	6
Size, In.	4 1/2 x 4 1/4	5 1/4 x 5	6 1/4 x 4 3/4	6 3/4 x 5 3/4	7 1/4 x 6 1/4	8 1/4 x 7
Doz. in Case	3	3	3	3	3	2
Wt. Case, Lbs.	42	57	63	81	108	88
Per Dozen	\$4.50	5.00	5.50	6.50	8.00	10.00

Seamless.

Nos.	100	200	300	400	600	800
Tr. Ca., Qts.	1	2	3	4	6	8
Ac. Ca., Qts.	1	2	2 3/4	3 3/4	4 1/2	7
Size, In.	4 1/2 x 4 1/4	5 1/4 x 4 3/4	6 x 6 3/8	6 3/4 x 6 3/8	7 1/2 x 7 1/2	8 1/4 x 8 3/8
Doz. in Case	3	3	3	3	2	2
Wt. Ca., Lbs.	45	69	87	120	96	102
Per Dozen	\$5.00	6.00	7.50	9.00	12.00	15.00

GARNET ENAMELED WARE

WATER PAILS



Seamless, Wood Handle.

Nos.	110	112	114
Tr. Cap., Qts.	10	12	14
Ac. Cap., Qts.	9 ¾	11 ¾	13 ¾
Size, Inches..	10 ¾ x 8 ¾	11 x 9 ¾	12 x 9 ½
Doz. in Case.	1	1	1
Wt. Case, Lbs.	66	78	84
Per Dozen...	\$14.00	16.00	19.00

CHAMBER PAILS



Seamless, Enameled Cover, Wood Handle.

No. 12—Trade Capacity 12 Qts., Actual Cap. 11 Qts, 11x8 ¾ inches, 1 Dozen in a Case, Wt. Per Case 110 Lbs.....	Per Dozen \$24.00
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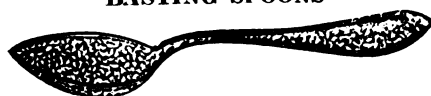
SPITTOONS



Seamless, Removable Sanitary Cover.

No. 30—10 ¾ x 5 inches, ½ Dozen in a Case, Weight Per Case 29 Lbs.	Per Dozen \$13.50
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BASTING SPOONS



Threaded Handle.

Inches	10	12	14	16
Doz. in Case..	12	12	12	12
Wt. Case, Lbs.	30	36	48	60
Per Dozen	\$2.00	2.25	2.50	2.75

CHAMBER PAILS



Seamed, Enameled Cover, Enameled Wood Handle.

No.	812
Trade Capacity, Quarts...	12
Actual Capacity, Quarts...	10 ½
Size, Inches	11 ¾ x 11 ¾
Dozen in Case.....	1
Weight Per Case, Lbs....	90
Per Dozen	\$21.00

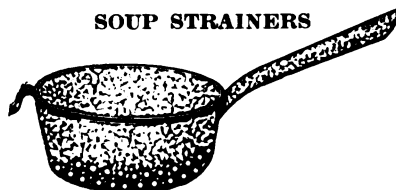
CHAMBER PAILS



Seamless, Enameled Cover, Enameled Wood Handle.

No.	175
Trade Capacity, Quarts.....	13
Actual Capacity, Quarts.....	12 ½
Size, Inches	11x10 ¼
Dozen in Case.....	1
Weight Per Case, Lbs.....	78
Per Dozen	\$27.00

SOUP STRAINERS



Seamless, German Pattern.

No. 75—3 Qts., 7 ¾ inches, 3 Dozen in a Case, Weight Per Case 54 Lbs.....	Per Dozen \$7.00
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CAKE MIXING SPOONS



Solid Bowl, Wood Handle.

No.	4
Size, Inches	11
Dozen in Case.....	12
Weight Per Case, Lbs.....	36
Per Dozen	\$2.50

COMBINETS



Seamless, Enameled Cover, Enameled Wood Handle.

No.	200
Trade Capacity, Quarts.....	13
Actual Capacity, Quarts.....	12 ½
Size, Inches	9 ¾ x 9 ¾
Dozen in Case.....	1
Weight Per Case, Lbs.....	78
Per Dozen	\$28.00

BREAD RAISERS



Seamless, Ventilating Tin Cover.

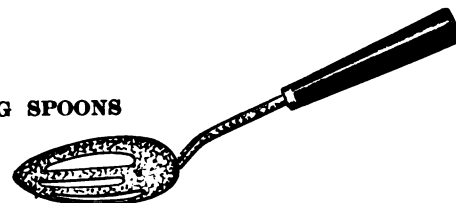
Nos.	10	14	17
Tr. Cap., Qts..	10	14	17
Ac. Cap., Qts..	9 ¾	13	17
Size, Inches...	14 ½	16 ¾	17 ¾
Dozen in Case.	½	½	½
Wt. Case, Lbs.	37	48	58
Per Dozen	\$21.00	24.00	28.00

FLAT SKIMMERS



Flat Handle.

Nos.	10	12
Size, Inches	4 ½	5
Dozen in Case.....	12	12
Wt. Per Case, Lbs....	72	84
Per Dozen	\$2.75	3.25



Slotted Bowl, Wood Handle.

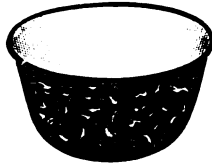
No.	04
Size, Inches	11
Dozen in Case.....	12
Weight Per Case, Lbs.....	36
Per Dozen	\$2.50

TULIP ENAMELED WARE

White Lined Enameled Ware of Azure Blue Color with White Marbleized Mottling.

The Color is of an Especially Pleasing Shade which Strongly Appeals to the Women. Furthermore, it is Very Durable. Easily Cleaned and Acid Proof. In Every Respect a Very Profitable Line to Handle.

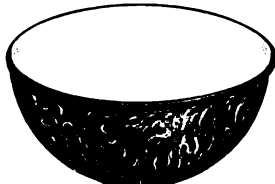
SOUP BOWLS



Seamless.

Nos.	140	150
Quarts	$\frac{3}{4}$	1
Size, Inches	$5\frac{7}{8} \times 2\frac{5}{8}$	$6\frac{1}{2} \times 3$
Wt. Dozen, Lbs.	12	13
Per Dozen	\$3.00	3.25

MIXING BOWLS



Seamless.

Nos.	115	120	125	130	140
Quarts	$\frac{3}{4}$	1	$1\frac{1}{2}$	$1\frac{3}{4}$	$3\frac{1}{2}$
Size, In....	$5\frac{7}{8}$	$6\frac{3}{4}$	$7\frac{1}{2}$	$8\frac{1}{4}$	$10\frac{1}{4}$
Dz. in Case.	12	12	12	12	12
Wt. Cs., Lbs.	144	156	168	204	252
Per Dozen..	\$3.25	3.50	3.75	4.75	6.25

WASH BOWLS



With Eyelet

Nos.	26	28	30
Quarts	2	$2\frac{1}{2}$	$3\frac{1}{4}$
Size, Inches.....	$10\frac{1}{2}$	$11\frac{1}{2}$	$12\frac{1}{4}$
Dozen in Case....	6	6	6
Wt. Case, Lbs....	72	78	90
Per Dozen	\$4.50	5.00	5.75

Nos.	32	34	36
Quarts	$3\frac{3}{4}$	$5\frac{3}{4}$	$6\frac{1}{2}$
Size, Inches.....	13	$13\frac{3}{4}$	$14\frac{3}{8}$
Dozen in Case....	6	3	3
Wt. Case, Lbs....	108	66	78
Per Dozen	\$6.50	7.50	8.50

OVAL FOOT BATHS



Hollow Handles.

No.	3
Quarts	$15\frac{1}{2}$
Size, Inches	$18\frac{1}{2} \times 14\frac{1}{2} \times 8$
Dozen in Case	1
Weight Per Case, Lbs.	40
Per Dozen	\$24.00

COFFEE BIGGINS



Nos.	0	01	00	010
Tr. Cp., Qts.	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$
Quarts	$\frac{7}{8}$	$\frac{5}{8}$	1	$1\frac{1}{2}$
Size, In....	$3\frac{1}{2}$	4	$4\frac{3}{8}$	$4\frac{5}{8}$
Doz. in Case	1	1	1	1
Wt. Cs., Lbs.	23	25	27	30
Per Dozen..	\$9.75	10.50	11.25	12.75

Nos.	020	030	040	050
Tr. Cp., Qts.	2	3	4	5
Quarts	$1\frac{7}{8}$	$2\frac{3}{4}$	$3\frac{3}{4}$	4
Size, In....	$5\frac{1}{2}$	$6\frac{3}{8}$	$6\frac{3}{4}$	$7\frac{1}{8}$
Doz. in Case	1	1	1	1
Wt. Cs., Lbs.	34	38	43	46
Per Dozen..	\$14.25	15.75	17.25	19.50

COFFEE BOILERS



Retinned Cover, Back Handle, Flat Bottom.

Nos.	07	08	09
Tr. Cap., Qts.	7	8	9
Quarts	5	$6\frac{3}{4}$	9
Size, Inches..	$9 \times 8\frac{1}{2}$	$9\frac{1}{2} \times 9$	$10\frac{1}{2} \times 9\frac{1}{2}$
Dozen in Case	1	1	1
Wt. Cse, Lbs.	53	65	80
Per Dozen...	\$15.00	18.00	23.00



Enameled Cover.

Nos.	071	081	091
Tr. Cap., Qts.	7	8	9
Quarts	5	$6\frac{3}{4}$	9
Size, Inches..	$9 \times 8\frac{1}{2}$	$9\frac{1}{2} \times 9$	$10\frac{1}{2} \times 9\frac{1}{2}$
Dozen in Case	1	1	1
Wt. Cse, Lbs.	53	65	80
Per Dozen...	\$16.50	20.00	25.00

MILK OR RICE BOILERS



Seamless, Retinned Cover.

Nos.	52	53	54	55
Tr. Cp., Qts.	2	3	4	5
In. Blr., Qts.	$1\frac{1}{4}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$
Doz. in Case	1	1	1	1
Wt. Cs., Lbs.	54	55	68	87
Per Dozen..	\$13.00	14.50	18.00	20.00



Seamless Enameled Cover.

Nos.	521	531	541	551
Tr. Cp., Qts.	2	3	4	5
In. Blr., Qts.	$1\frac{1}{4}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$
Doz. in Case	1	1	1	1
Wt. Cs., Lbs.	51	62	74	93
Per Dozen..	\$14.00	16.00	20.00	22.00

DRINKING CUPS



Straight, Seamed.

Nos.	11	14
Trade Capacity, Qts....	$\frac{1}{2}$	1
Quarts	$\frac{3}{4}$	1
Size, Inches	$3\frac{3}{4} \times 2\frac{3}{4}$	$4\frac{3}{8} \times 4\frac{1}{2}$
Dozen in Case	12	12
Wt. Case, Lbs.....	72	120
Per Dozen	\$2.50	3.75

STRAIGHT CUPS



Deep, Seamless.

No.	23
Trade Capacity, Pints.....	$\frac{3}{4}$
Pints	$\frac{3}{4}$
Size, Inches	$3\frac{3}{4} \times 3\frac{1}{4}$
Dozen in Case	12
Weight Per Case, Lbs.	66
Per Dozen	\$3.25

TULIP ENAMELED WARE

GERMAN CUPS OR MUGS
(Or Handled Cooking Pots.)

Nos.	14	16
Quarts	2	3
Size, Inches	6x5	7x5 1/2
Dozen in Case	3	3
Wt. Case, Lbs.	36	42
Per Dozen	\$6.00	7.00

Nos.	18	20
Quarts	4	6
Size, Inches	7 3/4 x 6 3/8	8 3/4 x 6 7/8
Dozen in Case	4	4
Wt. Case, Lbs.	66	84
Per Dozen	\$8.50	11.00

FLARING DRINKING CUPS



Seamless.

Nos.	90	100	110
Trd. Cap., Pts.	3/4	1	1 1/4
Pints	5 1/2	6 1/2	7 1/2
Size, Inches	4 1/4	4 3/4	5
Dozen in Case	12	12	12
Weight Case, Lbs.	48	48	60
Per Dozen	\$2.00	2.25	2.50

SAUCERS

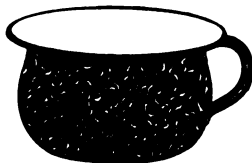


Seamless.

Nos.	0
Size, Inches	6 1/4
Weight Per Dozen, Lbs.	2
Per Dozen	\$2.00

Open Stock.

CHAMBERS



Seamless.

Nos.	1	1 1/2	2
Size, In.	7 1/2 x 4 1/4	9 1/4 x 4 1/2	10 1/8 x 5 3/8
Doz. in Case	3	1/2	
Wt.'Cs., Lbs.	60	11	12
Per Dozen	\$6.00	7.50	9.00

CHAMBER COVERS



Nos.	1	1 1/2	2
Size, Inches	7 1/2	9 1/4	10 1/8
Wt. Dozen, Lbs.	10	11	13
Per Dozen	\$3.00	3.50	4.00

Open Stock.

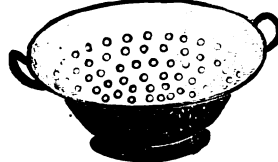
CUSPIDORS



Seamed.

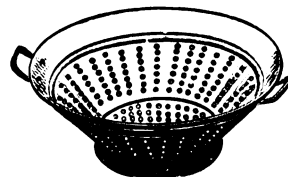
Nos.	1	3
Size, Inches	7x4	7 1/2 x 5
Dozen in Case	3	3
Wt. Case, Lbs.	48	63
Per Dozen	\$5.00	7.50

CULLENDERS



Seamless. Wrought Handles.

Nos.	205	306
Size, Inches	10 1/2	11 1/2
Dozen in Case	3	3
Weight Per Case, Lbs.	60	63
Per Dozen	\$7.00	8.50



Seamed, Wrought Handles.

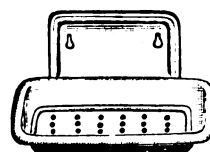
No.	25
Size, Inches	11 1/2
Dozen in Case	3
Weight Per Case, Lbs.	72
Per Dozen	\$8.50



Seamless, Extra Deep, German Pattern.

No.	95
Size, Inches	9 1/2
Dozen in Case	3
Weight Per Case, Lbs.	57
Per Dozen	\$8.00

WALL SOAP DISHES

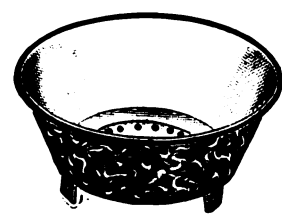


Corrugated Bottom.

	With Drainer	Without Drainer
Nos.	60	060
Size, Inches	6 1/4 x 4	6 1/4 x 4
Wt. Dozen, Lbs.	5	5
Per Dozen	\$3.50	2.50

Open Stock.

SINK DRAINERS



Seamless, Round, with Feet.

No.	1 1/2
Size, Inches	7 3/4 x 3 1/2
Dozen in Case	3
Weight Per Case, Lbs.	42
Per Dozen	\$5.00

COCOA SHAPE DIPPERS

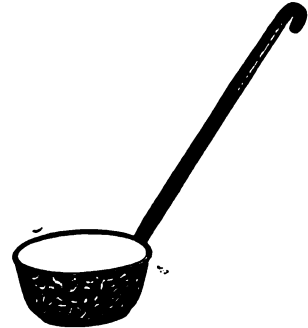


Enameled Wood Handle, Riveted Shank.

No.	151
Size, Inches	4 1/4 x 2 3/4
Weight Per Dozen, Lbs.	5
Per Dozen	\$3.00

Open Stock.

CUP DIPPERS



Flat Handle.

Nos.	9	10
Pints	5 1/2	6 1/2
Size, Inches	4 1/4 x 1 7/8	4 5/8 x 2 1/8
Dozen in Case	12	12
Weight Case, Lbs.	96	108
Per Dozen	\$3.25	3.50

WINDSOR DIPPERS



Improved Oval Steel Handle.

Nos.	600	610
Trd. Cap., Pts.	3/4	1
Pints	5 1/2	6 1/2
Size, Inches	5x2	5 3/8 x 2 3/8
Dozen in Case	6	6
Wt. Case, Lbs.	108	120
Per Dozen	\$3.50	4.00

Nos.	612	614
Trd. Cap., Pts.	2	3
Pints	1 3/4	2 1/4
Size, Inches	5 7/8 x 2 1/2	6 1/2 x 2 5/8
Dozen in Case	6	6
Wt. Case, Lbs.	156	168
Per Dozen	\$4.50	5.00

MILK KETTLES

Wire Bail, Enameled Bailwood.



Seamed, Retinned Cover.

Nos.	11	12	13
Tr. Cap., Qts.	1	2	3
Quarts	1	2	3
Size, Inches..	4 1/4 x 5 3/4	5 x 7 1/4	5 3/8 x 8 3/8
Doz. in Case.	3	2	1
Wt. Case, Lb.	54	42	24
Per Dozen...	\$6.00	7.50	9.00
Nos.	14	16	
Tr. Cap. Qts.	4	6	
Quarts	4	6	
Size, Inches..	6 1/2 x 9	7 1/4 x 10 5/8	
Doz. in Case.	1	1	
Wt. Case, Lb.	28	30	
Per Dozen...	\$11.00	13.00	

Wire Bail, Enameled Bailwood.



Seamless, Deep Enameled Cover.

No.	510
Tr. Ca., Qt.	1
Quarts	1 1/2
Size, In....	4 3/8 x 6 3/8
Dz. in Case.	3
Wt. Ca. Lb.	25
Per Dozen..	\$8.00
No.	520
Tr. Ca., Qt.	2
Quarts	2
Size, In....	5 x 7 3/8
Dz. in Case.	3
Wt. Ca., Lb.	37
Per Dozen..	\$10.50

BERLIN KETTLES



Seamless, Retinned Cover.

Nos.	02	03	04
Tr. Ca., Qts.	2	3	4
Quarts	1 3/4	3	4
Size, Inches.	6 x 4	7 1/4 x 4 3/8	7 1/2 x 4 3/4
Dz. in Case.	3	1 1/2	1 1/2
Wt. Ca., Lb.	57	11	14
Per Dozen..	\$6.50	7.50	9.00
Nos.	06	08	
Tr. Ca., Qts.	6	8	
Quarts	5 1/2	8	
Size, Inches.	8 3/8 x 6	9 5/8 x 7 1/8	
Dz. in Case.	1 1/2	1 1/2	
Wt. Ca., Lb.	17	20	
Per Dozen..	\$11.00	13.50	
Nos.	010	012	
Tr. Ca., Qts.	10	12	
Quarts	9 3/4	11	
Size, Inches.	10 5/8 x 7 3/8	11 1/2 x 8 1/8	
Dz. in Case.	1 1/2	1	
Wt. Ca., Lb.	24	90	
Per Dozen..	\$16.50	19.50	

TULIP ENAMELED WARE

BERLIN KETTLES



Seamless, Enameled Cover.

Nos.	021	031	041	061
Tr. Ca., Qts.	2	3	4	6
Quarts	1 3/4	3	4	5 1/2
Size, Inches.	6 x 4	7 1/8 x 4 3/8	7 1/2 x 4 3/4	8 5/8 x 6
Doz. in Case.	3	1 1/2	1 1/2	1
Wt. Ca., Lb.	63	13	15	19
Per Dozen..	\$8.00	9.00	11.00	13.50
Nos.	081	0101	0121	
Tr. Ca., Qts.	8	10	12	
Quarts	8	9 3/4	11	
Size, Inches.	9 5/8 x 7 1/8	10 5/8 x 7 3/8	11 1/2 x 8 1/8	
Dz. in Case.	2 1/2	1 1/2	1	
Wt. Ca., Lb.	22	26	92	
Per Dozen..	\$16.50	19.50	22.50	

IMPERIAL MASLIN KETTLES



Seamless, Self-Locking Bail Securely Holds Down Cover while Draining.

Nos.	50	60	70	100
Tr. C., Qt.	5	6	7	10
Quarts ..	5	6	6 3/8	9 3/8
Size, In..	9 3/8 x 5 1/4	9 3/8 x 5 3/8	10 3/8 x 5 1/2	12 x 6 1/4
Dz. in Ca.	2	2	2	1
Wt. C., Lb.	80	94	110	70
Per Doz..	\$10.00	11.00	13.00	16.50



Enameled Cover.

Nos.	500	600	700	1000
Tr. C., Qt.	5	6	7	10
Quarts ..	5	6	6 3/8	9 3/8
Size, In..	9 3/8 x 5 1/4	9 3/8 x 5 3/8	10 3/8 x 5 1/2	12 x 6 1/4
Dz. in Ca.	2	2	2	1
Wt. C., Lb.	72	82	134	80
Per Doz..	\$12.50	14.00	15.50	20.00

TEA KETTLES



Flat Bottom, Seamless Enameled Cover, Fancy Spout.

Nos.	04	05	06
Tr. Cap., Qts.	2	3	4
Quarts	1 3/8	2	3 3/8
Size, Inches..	7 3/8 x 3 3/8	8 x 3 3/4	9 1/4 x 4 3/4
Doz. in Case.	1	1	1
Wt. Cas., Lbs.	28	30	38
Per Dozen ..	\$10.50	12.00	13.50



Flat Bottom, Enameled Cover, Fancy Spout.

Nos.	07	08	09
Tr. Ca., Qts.	5	7	8
Quarts	4 1/2	6	6 3/4
Size, In....	10 x 5 1/8	10 1/8 x 6 1/8	10 7/8 x 6 1/4
Dz. in Case.	1 1/2	1 1/2	1 1/2
Wt. Ca., Lb.	20	23	27
Per Dozen..	\$15.00	17.50	21.00



Seamless, Seamless Enameled Cover, Flat Bottom, Fancy Spout.

Nos.	180	190
Trade Cap., Qts...	7	9
Quarts	7	9
Size, Inches	10 x 6 1/4	10 1/2 x 6 3/8
Dozen in Case.....	1	1
Wt. Case, Lbs.....	62	72
Per Dozen	\$20.00	24.00

PRESERVE KETTLES



Seamless, Lipped, Deep.

Nos.	16	18	20
T. Cap., Qts.	2	2½	3
Quarts ..	1¾	2	2¾
Size, In..	7x3¾	7¾x3½	8¾x3¾
Dz. in Cs.	3	3	3
Wt. Cs., Lb.	42	48	51
Per Doz..	\$4.50	5.00	5.75
Nos.	22	24	26
T. Cap., Qts.	4	5	6
Quarts ..	3¾	4½	5½
Size, In..	9x4½	9¾x4½	10¾x4¾
Dz. in Cs.	3	3	3
Wt. Cs., Lb.	66	75	90
Per Doz..	\$6.50	7.25	8.00
Nos.	28	30	32
T. Cap., Qts.	8	10	12
Quarts ..	6¾	8¼	9½
Size, In..	11¼x5½	12¼x5½	12½x5¾
Dz. in Cs.	2	1	1
Wt. Cs., Lb.	70	45	50
Per Doz..	\$9.50	11.00	13.00
Nos.	36	40	
Tr. Cap'y, Qts...	16	18	
Quarts ..	13	16	
Size, Inches	13¾x6½	15½x7¾	
Dozen in Case...	1	1	
Weight Case, Lbs.	75	80	
Per Dozen	\$16.00	24.00	

PIERCED LADLES



Flat Handle.

No	101
Size, Inches	3¾
Dozen in Case	12
Weight Case, Lbs.	96
Per Dozen	\$3.25

WATER PAILS



Seamless, Enameled Wood Handle.

Nos.	110	112	114
Tr Cap., Qts.	10	12	14
Quarts	9¾	11¾	13¾
Size, Inches..	10¾x8¾	11x9¼	12x9½
Doz. in Case.	1	1	1
Wt. Cas., Lbs.	66	78	84
Per Dozen...	\$14.00	16.00	19.00

TULIP ENAMELED WARE

COVERED PAILS

Enameled Wood Handles, Retinned Cover.



Seamed.

Nos.	10	11½	20
Tr. Cap., Qts.	1	1½	2
Quarts	1	1¾	1¾
Size, Inches..	4½x4¼	5½x5	6¼x4¾
Doz. in Case.	3	3	3
Wt. Cas., Lbs.	42	57	63
Per Dozen...	\$4.50	5.00	5.50
Nos.	30	40	60
Tr. Cap., Qts.	3	4	6
Quarts	3¼	4½	6
Size, Inches..	6¾x5¾	7¾x6½	8¼x7
Doz. in Case.	3	3	2
Wt. Cas., Lbs.	81	108	88
Per Dozen...	\$6.50	8.00	10.00



Seamless.

Nos.	100	200	300
Tr. Cap., Qts.	1	2	3
Quarts	¾	2	2¾
Size, In..	4¼x4¼	5¼x4¾	6x6¾
Doz. in Case	3	3	3
Wt. Cs., Lbs.	45	69	87
Per Dozen...	\$5.00	6.00	7.50
Nos.	400	600	800
Tr. Cap., Qts.	4	6	8
Quarts	3¾	4½	7
Size, In..	6¾x6¾	7½x7½	8x9¼
Doz. in Case	3	2	2
Wt. Cs., Lbs.	120	96	102
Per Dozen...	\$9.00	12.00	15.00

SOLID LADLES



Flat Handles.

Nos.	9	10
Size, Inches	3¾	3¾
Dozen in Case	12	12
Weight Case, Lbs.	96	108
Per Dozen	\$2.75	3.00

CHAMBER PAILS



Seamed, Enameled Cover.

No.	812
Trade Capacity, Qts.	12
Quarts	10½
Size, Inches	11¾x11¼
Dozen in Case	1
Weight Per Case, Lbs.	90
Per Dozen	\$21.00



Seamless, Enameled Cover.

No.	12
Trade Cap'y, Qts.	12
Quarts	11
Size, Inches	11x8¾
Dozen in Case	1
Weight Case, Lbs.	110
Per Dozen	\$24.00



Seamless, Enameled Cover.

Nos.	175
Trade Cap'y, Qts.	13
Quarts	12½
Size, Inches	11x10¼
Dozen in Case	1
Weight Case, Lbs.	78
Per Dozen	\$27.00

TULIP ENAMELED WARE

COMBINETS



Seamless.

No.	200
Trade Cap., Qts.	13
Quarts	12 1/2
Size, Inches	9 3/4 x 9 3/4
Dozen in Case	1
Wt. Case, Lbs.	78
Per Dozen	\$30.00

BAKE PANS



Seamless, Retinned Cover.

No.	50
Trade Cap., Qts.	5
Quarts	5
Size, Inches	10 3/4 x 3 3/8
Dozen in Case	4
Wt. Per Case, Lbs.	80
Per Dozen	\$8.00

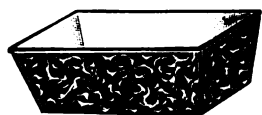
SPONGE CAKE PANS



Wired.

No.	150
Size, Inches	12 1/4 x 3 x 5
Wt. Dozen, Lbs.	13
Per Dozen	\$4.50

BREAD PANS



Wired.

No.	1	2
Size, Inches	9 1/4 x 3 1/8 x 5	10 1/4 x 3 1/8 x 6
Wt. Dozen, Lbs.	11	13
Per Dozen	\$4.50	5.50

No.	3
Size, Inches	12 x 3 1/4 x 6 3/4
Wt. Dozen, Lbs.	17
Per Dozen	\$6.50

Open Stock.

PIE PLATES



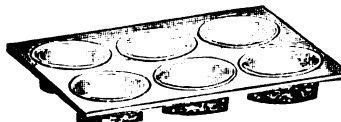
	Shallow		Deep	
Nos.	9	10	90	100
Size, In.	9x7 1/2	10x7 1/2	9x1 1/4	10x1 1/4
Dz. in Case	12	12	12	12
Wt. Ca., Lb.	84	96	108	120
Per Dozen	\$3.00	3.50	3.25	3.75

JELLY CAKE PANS



	Deep.	
Nos.	9	10
Size, Inches	9x1	10x1
Dozen in Case	12	12
Wt. Case, Lbs.	96	96
Per Dozen	\$3.25	3.75

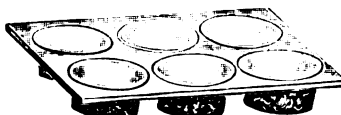
MUFFIN PANS



Solid Frame.

Nos.	6	8	12
Size, In.	10 3/4 x 7 1/4	14 1/4 x 7 1/4	14 1/4 x 10 3/4
Cups	6	8	12
Cups, In.	3 1/4 x 1	3 1/4 x 1	3 1/4 x 1
Wt. Doz.	13	17	26
Per Doz.	\$5.50	6.50	9.00

CORN CAKE PANS



Solid Frame.

Nos.	06	08	012
Size, In.	10 3/4 x 7 1/4	14 1/4 x 7 1/4	14 1/4 x 10 3/4
Cups	6	8	12
Cups, In.	3 1/4 x 1 1/4	3 1/4 x 1 1/4	3 1/4 x 1 1/4
Wt. Doz.	17	20	27
Per Doz.	\$6.50	7.50	10.00

Open Stock.

PUDDING PANS



Seamless.

Nos.	1/2	1	1 1/2
Quarts	3/4	1	1 3/8
Size, In.	6 3/8 x 2 1/4	7 x 2 1/8	7 3/4 x 2 1/8
Doz. in Case	6	6	6
Wt. Ca., Lbs.	42	48	54
Per Dozen ..	\$2.75	3.25	3.50

Nos.	2	3	4
Quarts	1 3/4	2 1/4	2 3/4
Size, In.	8 3/4 x 3 3/8	9 1/4 x 3 3/8	10 x 3 1/4
Doz. in Case	6	6	6
Wt. Ca., Lbs.	66	90	96
Per Dozen ..	\$4.00	4.50	5.00

Nos.	5	6	8
Quarts	3 3/4	4 1/4	5 1/4
Size, In.	10 3/4 x 3 3/8	11 1/2 x 3 1/2	12 3/8 x 4
Doz. in Case	6	3	3
Wt. Ca., Lbs.	114	66	75
Per Dozen ..	\$5.75	6.50	7.50

MILK PANS



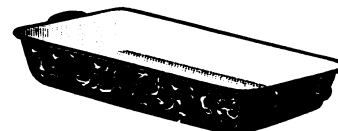
Seamless.

Nos.	0 1/2	01	01 1/2	02
Tr. Ca., Qt.	1/2	1	1 1/2	2
Quarts	1/2	3/4	1	1 3/8
Size, In.	6x1 1/2	6 3/4 x 1 3/4	7 3/4 x 1 7/8	8 1/2 x 2 1/8
Doz. in Ca.	6	6	6	6
Wt. C., Lb.	30	42	54	60
Per Doz.	\$2.50	2.75	3.25	3.50

Nos.	03	04	05
Tr. Ca., Qts.	3	4	5
Quarts	1 7/8	2 1/4	3 1/4
Size, In.	9 1/4 x 2 3/8	10 7/8 x 2 1/2	11 3/4 x 2 5/8
Doz. in Case.	6	6	6
Wt. Case, Lb.	78	84	120
Per Dozen ...	\$4.00	5.00	5.75

Nos.	06	08	010
Tr. Cap., Qts.	6	8	10
Quarts	4	5	6
Size, In.	12 1/4 x 2 3/8	13 1/2 x 2 3/8	14 1/2 x 3
Doz. in Case.	3	3	3
Wt. Case, Lb.	72	90	105
Per Dozen ...	\$6.50	7.50	8.50

STOVE PANS



Hollow Handles.

Nos.	300	350
Size, Inches.	8 1/2 x 12 x 2 1/2	9 1/2 x 14 x 2 1/2
Doz. in Case.	2	2
Wt. Case, Lb.	40	40
Per Dozen ...	\$8.00	10.00

Nos.	400	450
Size, Inches.	10 1/2 x 15 x 2 1/2	11 1/2 x 16 1/2 x 2 1/2
Doz. in Case.	2	2
Wt. Case, Lb.	46	50
Per Dozen ...	\$11.00	13.00

LIPPED SAUCE PANS



Seamless.

Nos.	12	14	16
Tr. Cap., Qts.	1	1 1/2	2
Quarts	7/8	1 1/8	1 3/8
Size, In.	5 7/8 x 2 5/8	6 1/2 x 2 3/4	7 x 3 1/4
Doz. in Case.	6	6	3
Wt. Case, Lbs.	54	60	42
Per Dozen ...	\$3.75	4.00	4.50

Nos.	18	20	22
Tr. Cap., Qts.	2 1/2	3	4
Quarts	2	2 1/2	3 1/4
Size, In.	7 3/4 x 3 1/2	8 3/8 x 3 3/8	9 x 4 1/8
Doz. in Case.	3	3	3
Wt. Case, Lb.	51	54	66
Per Dozen ...	\$5.00	5.75	6.50

Nos.	24	26	28
Tr. Cap., Qts.	5	6	8
Quarts	4 1/4	6	6 3/8
Size, In.	9 3/8 x 4 1/2	10 3/8 x 4 7/8	11 3/8 x 5 1/2
Doz. in Case.	3	2	2
Wt. Case, Lb.	75	60	80
Per Dozen ...	\$7.25	8.00	9.50

TULIP ENAMELED WARE

BERLIN SAUCE PANS
Seamless, Round Steel Handles.

Retinned Covers.		
Nos.	02	03
Tr. Cap., Qts.	2	3
Quarts	1 3/4	3
Size, Inches..	6x4	7 1/8 x 4 3/8
Doz. in Case.	3	2
Wt. Ca., Lbs.	78	64
Per Dozen...	\$6.50	7.50
Nos.	06	08
Tr. Cap., Qts.	6	8
Quarts	5 1/2	8
Size, Inches..	8 5/8 x 6	9 5/8 x 7 1/8
Doz. in Case.	2	1
Wt. Ca., Lbs.	108	80
Per Dozen...	\$11.00	13.50



Enameled Cover.		
Nos.	021	031
Tr. Cap., Qts.	2	3
Quarts	1 3/4	3
Size, Inches..	6x4	7 1/8 x 4 3/8
Doz. in Case.	3	2
Wt. Ca., Lbs.	87	70
Per Dozen...	\$8.00	9.00
Nos.	061	081
Tr. Cap., Qts.	6	8
Quarts	5 1/2	8
Size, Inches..	8 5/8 x 6	9 5/8 x 7 1/8
Doz. in Case.	2	1
Wt. Ca., Lbs.	114	84
Per Dozen...	\$13.50	16.50

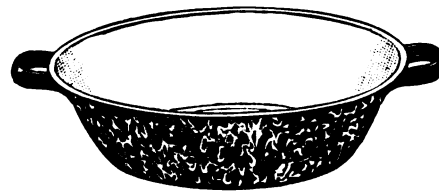
STEW PANS



Seamless, Shallow.		
Nos.	01 1/2	02
Quarts	1	1 1/2
Size, Inches	7 3/4 x 1 7/8	9 1/4 x 2 3/8
Wt. Dz., Lb.	15	18
Per Dozen..	\$3.50	4.25

Seamless, Deep.		
Nos.	3	4
Quarts	2 3/4	3 1/2
Size, Inches	10 x 3 1/4	10 3/4 x 3 3/8
Wt. Dz., Lb.	20	24
Per Dozen..	\$5.25	6.00

RINSING PANS



Seamless, Hollow Handles.

Nos.	08	010
Trade Cap., Qts..	8	10
Quarts	6 1/2	7 1/2
Size, Inches	14 x 4 1/4	14 5/8 x 3 3/8
Dozen in Case...	1	1
Wt. Case, Lbs...	41	47
Per Dozen	\$10.00	11.00
Nos.	014	017
Trade Cap., Qts..	14	17
Quarts	11	13 1/4
Size, Inches	16 3/4 x 4 1/2	18 x 4 1/2
Dozen in Case...	1	1
Wt. Case, Lbs...	55	73
Per Dozen	\$13.50	15.00

ROLLED EDGE DISH PANS



Nos.	100	140	170
Tr. Ca., Qts.	10	14	17
Quarts	10	14	17
Size, Inches.	13 1/4 x 4 1/8	17 x 5	18 1/2 x 5 1/8
Doz. in Case.	1	1	1
Wt. Ct., Lbs.	35	40	45
Per Dozen..	\$11.50	13.50	15.50

DISH PANS



Seamless, Hollow Handles.			
Nos.	10	14	17
Tr. C., Qt.	10	14	17
Quarts . . .	9 ¼	11	14 ½
Size, In.,	14 ½ x 5 ½	16 ¼ x 5 ½	17 ¾ x 5 ½
Dz. in Ca.	1	1	1
Wt. C., Lb.	48	65	80
Per Doz.,	\$12.00	14.00	16.00

Nos.	21	30
Tr. C., Qt.	21	30
Quarts ...	19	27
Size, In...	19 1/2 x 6	21 1/4 x 6 3/4
Dz. in Ca.	1	1
Wt. C., Lb.	90	125
Per Doz..	\$19.00	28.00

ACME FRY PANS



Cool Handles.

Nos.	3	4
Diam. Bottom, In....	7 1/2	8
Weight Dozen, Lbs...	15	17
Per Dozen	\$6.75	7.50

Open Stock.

BERLIN SAUCE POTS

Seamless, Hollow Side Handles,
Retinned Covers.

Nos.	02	08	04
Tr. Ca., Qt.	2	3	4
Quarts	1 3/4	3	4
Size, In....	6x4	7 1/8 x 4 3/8	7 1/2 x 4 3/4
Dz. in Case.	3	1 1/2	1 1/2
Wt. Ca., Lb.	54	7	10
Per Dozen.	\$6.50	7.50	9.00

Nos.	06	08
Tr. Ca., Qt.	6	8
Quarts	5 1/2	8
Size, In....	8 5/8 x 6	9 5/8 x 7 1/8
Dz. in Case.	1 1/2	1 1/2
Wt. Ca., Lb.	12	15
Per Dozen.	\$11.00	13.50

Nos.	010	012
Tr. Ca., Qt.	10	12
Quarts	9 3/4	12
Size, In....	10 5/8 x 7 3/8	11 1/2 x 8 1/8
Dz. in Case.	1 1/2	1
Wt. Ca., Lb.	19	90
Per Dozen.	\$16.50	19.50

Seamless, Hollow Side Handles,
Enameled Cover.

Nos.	041	061	081
Tr. Ca., Qt.	4	6	8
Quarts	4	5 1/2	8
Size, In....	7 1/2 x 4 3/4	8 5/8 x 6	9 5/8 x 7 1/8
Dz. in Case.	1 1/2	1 1/2	1 1/2
Wt. Ca. Lb.	10	12	15
Per Dozen.	\$11.00	13.50	16.50

Nos.	0101	0121
Tr. Ca., Qt.	10	12
Quarts	9 3/4	12
Size, In....	10 5/8 x 7 3/8	11 1/2 x 8 1/8
Dz. in Case.	1 1/2	1
Wt. Ca., Lb.	19	90
Per Dozen.	\$19.50	22.50

TULIP ENAMELED WARE

STRAIGHT STOCK POTS



Seamed, Side Handles.

Nos.	022	024	026
Trade Capacity, Quarts....	8	10	12
Quarts	7 1/4	9 1/2	12
Size, Inches	9 3/4 x 7	10 x 7 3/4	10 7/8 x 8 1/2
Weight Per Dozen, Lbs....	66	77	82
Without Covers.....Doz.,	\$13.00	15.00	19.00
With Tin Covers.....Doz.,	14.00	16.00	20.00
Nos.	028	030	032
Trade Capacity, Quarts....	16	20	24
Quarts	16	19	23
Size, Inches	12 x 9 3/4	12 3/4 x 9 3/8	13 1/4 x 10 3/8
Weight Per Dozen, Lbs....	105	120	140
Without Covers.....Doz.,	\$22.00	25.00	28.00
With Tin Covers.....Doz.,	24.00	27.00	30.00
Open Stock.			

STRAIGHT SAUCE POTS



Seamless, Hollow Side Handles, Enameled Cover.

Nos.	401	601	801	1001	1201
Trd. Cap., Qts.	4	6	8	10	12
Quarts	3	5	7	8 1/2	10
Size, Inches... 7 1/2 x 5 1/8	8 1/2 x 6	9 1/4 x 6 3/4	10 1/4 x 7 1/2	11 1/2 x 8 1/8	
Wt. Doz., Lbs.	35	44	72	90	95
Per Dozen ...	\$11.50	14.00	17.00	21.00	24.00
Open Stock.					

COFFEE POTS

Seamed, Hollow Enameled Steel Handles.



Nos. 5 to 55.



Nos. 51 to 551.

Retinned Seamless Cover and Knob.

Nos.	5	15	25	35	45	55
Tr. Cap., Qts.	1	1 1/2	2	3	4	5
Quarts	1	1 1/2	2	2 3/4	3 1/4	4
Size, Inches. 4 1/2 x 7 5/8	5 1/4 x 7 1/4	5 3/4 x 8	6 1/2 x 9	6 3/4 x 9 1/4	7 1/4 x 10 3/8	
Doz. in Case	1	1	1 1/2	1 1/2	1 1/2	1
Wt. Cs., Lbs.	24	26	16	17	18	47
Per Dozen..	\$7.00	8.00	9.00	10.00	11.00	12.50

Seamless Enameled Cover and Knob.

Nos.	51	151	251	351	451	551
Tr. Cap., Qts.	1	1 1/2	2	3	4	5
Quarts	1	1 1/2	2	2 3/4	3 1/4	4
Size, Inches. 4 1/2 x 7 5/8	5 1/4 x 7 1/4	5 3/4 x 8	6 1/2 x 9	6 3/4 x 9 1/4	7 1/4 x 10 3/8	
Doz. in Case	1	1	1 1/2	1 1/2	1 1/2	1
Wt. Cs., Lbs.	24	26	16	17	18	47
Per Dozen..	\$8.00	9.00	10.00	11.00	12.00	13.50

STRAIGHT SAUCE POTS



Seamless, Hollow Side Handles, Retinned Covers.

Nos.	20	30	40	60
Trade Capacity, Qts.	2	3	4	6
Quarts	1 1/2	2 1/2	3	5
Size, Inches	6 x 4	7 x 4 7/8	7 1/2 x 5 1/8	8 1/2 x 6
Weight Dozen, Lbs.	20	29	34	43
Per Dozen	\$7.00	8.00	9.50	12.00
Nos.		80	100	120
Trade Capacity, Qts.		8	10	12
Quarts		7	8 1/2	10
Size, Inches		9 1/4 x 6 3/4	10 1/4 x 7 1/2	11 1/2 x 8 1/8
Weight Dozen, Lbs.		70	87	94
Per Dozen		\$15.00	18.00	21.00
Open Stock.				

PERCOLATORS



Aluminum Insets, Glass Tops.

No.	22
Cups	8
Quarts	2
Size, Inches	5 3/4 x 8
Dozen in Case	1/2
Weight Per Case, Lbs.	15
Per Dozen	\$24.00

COFFEE POTS

Seamless, Hollow Enameled Steel Handle.



Nos. 2015 to 2045.



Nos. 2151 to 2451.

Retinned Seamless Cover and Knob.

Nos.	2015	2025	2035	2045
Trade Capacity, Qts....	1 1/2	2	3	4
Quarts	1 1/2	2	2 3/4	3 3/4
Size, Inches	4 3/4 x 8 3/8	5 1/4 x 9 1/4	5 3/4 x 9 3/4	6 1/2 x 10 1/2
Dozen in Case	1	1	1	1
Weight Case, Lbs.	36	37	42	50
Per Dozen	\$11.75	13.00	14.50	16.00

Seamless Enameled Cover and Knob.

Nos.	2151	2251	2351	2451
Trade Capacity, Qts....	1 1/2	2	3	4
Quarts	1 1/2	2	2 3/4	3 3/4
Size, Inches	4 3/4 x 8 3/8	5 1/4 x 9 1/4	5 3/4 x 9 3/4	6 1/2 x 10 1/2
Dozen in Case	1	1	1	1
Weight Case, Lbs.	36	37	42	50
Per Dozen	\$12.75	14.00	15.50	17.00

TULIP ENAMELED WARE.

TEA POTS

Seamed, Hollow Enameled Steel Handles.



Nos. 0 to 40.



Nos. 3010 to 3040.

TEA POTS

Seamless, Hollow Enameled Steel Handles.



Nos. 2010 to 2040.



Nos. 3010 to 3040.

Retinned Seamless Cover and Knob.

Nos.	0	10	20	30	40
Trade Cap'y, Qts...	1	1½	2	3	4
Quarts	1	1½	2	2¾	3¼
Size, Inches	4½x7	5¼x7¼	5¾x8	6½x9	6¾x9¼
Dozen in Case	1	1	½	1	1
Weight Case, Lbs...	25	29	15	38	41
Per Dozen	\$7.50	8.50	9.50	10.50	11.50

Seamless Enameled Cover and Knob.

Nos.	01½	101	201	301	401
Trade Cap'y, Qts...	1	1½	2	3	4
Quarts	1	1½	2	2¾	3¼
Size, Inches	4½x7	5¼x7¼	5¾x8	6½x9	6¾x9¼
Dozen in Case	1	1	½	1	1
Weight Case, Lbs...	25	29	15	38	41
Per Dozen	\$8.50	9.50	10.50	11.50	12.50

Retinned Seamless Cover and Knob.

Nos.	2010	2020	2030	2040
Trade Cap'y, Qts...	1½	2	3	4
Quarts	1½	2	2¾	3½
Size, Inches	4¾x8¾	5¼x9¼	5¾x9¾	6½x10½
Dozen in Case	1	1	1	1
Weight Case, Lbs...	35	37	42	48
Per Dozen	\$12.25	13.50	15.00	16.50

Seamless Enameled Cover and Knob.

Nos.	3010	3020	3030	3040
Trade Cap'y, Qts...	1½	2	3	4
Quarts	1½	2	2¾	3½
Size, Inches	4¾x8¾	5¼x9¼	5¾x9¾	6½x10½
Dozen in Case	1	1	1	1
Weight Case, Lbs...	35	37	42	48
Per Dozen	\$13.25	14.50	16.00	17.50

BREAD RAISERS

TEA STEEPERS OR BABY FOOD CUPS

WATER PITCHERS



Seamless, Ventilated Tin Cover.

Nos.	10	14	17
Trd. Cap., Lbs...	10	14	17
Quarts	9¾	13	17
Size, Inches	14½	16¼	17¾
Dozen in Case	½	½	½
Wt. Case, Lbs...	37	48	58
Per Dozen	\$21.00	24.00	28.00

Seamless, Retinned Cover, Low Pattern.

Nos.	1	3
Trade Cap'y, Qts...	½	1
Quarts	¾	¾
Size, Inches	3¾x2¾	5x3½
Weight Dozen, Lbs...	9	14
Per Dozen	\$4.75	6.50

Open Stock.

Seamless, Hollow Steel Handle, Convex Shape.

Nos.	402	403	404	405
Trd. Cap., Qts.	1	1½	2	2½
Quarts	1¼	1¾	1¾	2¾
Size, Inches	5¾	6¼	6¾	7¼
Dozen in Case	3	3	3	3
Wt. Case, Lbs.	48	54	69	72
Per Dozen	\$8.00	9.00	10.00	11.00

BASTING SPOONS

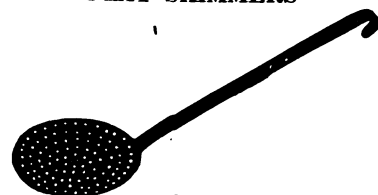
SOUP STRAINERS

SPITTOONS



Inches	10	12	14	16
Dozen in Case	12	12	12	12
Wt. Case, Lbs...	30	36	48	60
Per Dozen	\$2.00	2.25	2.50	2.75

FLAT SKIMMERS



Flat Handles.

Nos.	10	12
Size, Inches	4½	5
Dozen in Case	12	12
Weight Case, Lbs...	72	84
Per Dozen	\$2.75	3.25



Seamless, German Pattern.

No.	75
Size, Inches	7¾
Dozen in Case	3
Weight Per Case, Lbs...	54
Per Dozen	\$7.00

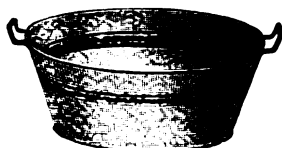


Seamless, Removable Sanitary Cover.

No.	30
Size, Inches	10¾x5
Dozen in Case	½
Weight Per Case, Lbs...	29
Per Dozen	\$13.50

ROYAL GRANITE ENAMELED WARE

OVAL FOOT BATHS



Seamed.			
Nos.	0	1	2
Size, Inches.....	15x12x6	16 1/2 x12x6	17 1/2 x13 1/2 x6 1/2
Dozen in Case.....	1	1	1
Per Dozen	\$14.00	17.00	20.00
Nos.		3	4
Size, Inches.....		18x14x7 1/2	19x15 1/2 x8
Dozen in Case.....		1/2	1/2
Per Dozen		\$24.00	30.00

COFFEE BIGGINS



Tin Top and Cover, Hollow Enameled Steel Handle.

Nos.	0	01	00	010
Trade Cap., Quarts..	1/2	3/4	1	1 1/2
Size, Inches	3 1/2	4	4 3/4	5 1/4
Dozen in Carton....	1	1	1	1
Per Dozen	\$9.75	10.50	11.25	12.75
Nos.	020	030	040	050
Trade Cap., Quarts..	2	3	4	5
Size, Inches	5 3/4	6 1/4	7	7 1/4
Dozen in Carton....	1	1	1	1
Per Dozen	\$14.25	15.75	17.25	19.50

COFFEE BOILERS



Flat Bottom, Retinned Cover.

Nos.	60	70	80	90	100
Trade Cap., Quarts..	5	6	8	11	14
Size, Inches.....	8	8 5/8	9 5/8	10 5/8	11 1/2
Dozen in Carton....	1/4	1/4	1/4	1/6	1/6
Per Dozen	\$13.50	15.00	18.00	23.00	30.00



Flat Bottom, Enameled Cover.

Nos.	601	701	801	901	1001
Trade Cap., Quarts..	5	6	8	11	14
Size, Inches.....	8	8 5/8	9 5/8	10 5/8	11 1/2
Dozen in Carton....	1/4	1/4	1/4	1/6	1/6
Per Dozen	\$15.00	16.50	20.00	25.00	33.00

FISH BOILERS



Side Handles and Enameled Drainers, Retinned Stamped Cover.

Nos.	218	220	222
Size, Inchs	18	20	22
Dozen in Case.....	1/2	1/2	1/4
Per Dozen	\$48.00	54.00	60.00



Side Handles and Enameled Drainers, Enameled Stamped Cover.

Nos.	2181	2201	2221
Size, Inchs	18	20	22
Dozen in Case.....	1/2	1/2	1/4
Per Dozen	\$51.00	57.00	63.00

HAM BOILERS



Seamless, Retinned Stamped Cover.

No.	170
Size Inches	15 1/2 x11 1/8 x6 7/8
Dozen in Case.....	1/2
Per Dozen	\$33.00



Seamless, Enameled Stamped Cover.

No.	175
Size Inches	15 1/2 x11 1/8 x6 7/8
Dozen in Case.....	1/2
Per Dozen	\$36.00

ROYAL GRANITE ENAMELED WARE

MILK OR RICE BOILERS



Seamed, Retinned Cover, Hollow Handles.

Nos.	14	16	18	20	22
Quarts, Inside Boiler	1	1 1/2	1 3/4	2	2 1/2
Size, Inches	5	6	8	8 7/8	9 3/8
Dozen in Case.....	1	1	1	1	1
Per Dozen	\$11.00	12.00	14.00	16.00	18.00
Nos.	24	26	28	30	36
Quarts, Inside Boiler	3	4	5	8	
Size, Inches	10 1/4	10 1/2	11 1/8	12 1/8	
Dozen in Case.....	1	1 1/2	1 1/2	1 1/2	
Per Dozen	\$21.00	24.00	30.00	36.00	



Seamed, Enameled Cover, Hollow Handles.

Nos.	141	161	181	201	221
Quarts, Inside Boiler	1	1 1/2	1 3/4	2	2 1/2
Size, Inches	5	6	8	8 7/8	9 3/8
Dozen in Case.....	1	1	1	1	1
Per Dozen	\$12.00	13.00	15.00	17.00	20.00
Nos.	241	261	281	301	361
Quarts, Inside Boiler	3	4	5	8	
Size, Inches	10 1/4	10 1/2	11 1/8	12 1/8	
Dozen in Case.....	1	1 1/2	1 1/2	1 1/2	
Per Dozen	\$23.00	26.00	32.00	39.00	

SEAMLESS BOWLS



Nos.	9	10	12	14
Trade Cap., Qts	1 1/2	2	3	4
Size, Inches....	4 3/4 x 2 1/4	5 1/4 x 2 1/2	5 3/4 x 3	6 1/4 x 3
Dozen in Case..	6	6	6	6
Per Dozen	\$2.50	2.75	3.00	3.25
Nos.	16	18	20	22
Trade Cap., Qts	2	2 1/2	3	4
Size, Inches....	7 1/2 x 3	7 3/4 x 3 1/2	8 1/2 x 3 3/4	8 3/4 x 4 1/4
Dozen in Case..	6	6	4	4
Per Dozen	\$3.75	4.25	4.75	5.50
Nos.	24	26	28	30
Trade Cap., Qts	5	6	7 1/2	10
Size, Inches....	10 x 4 1/2	10 3/4 x 4 1/2	11 1/2 x 5 1/4	12 x 5 1/2
Dozen in Case..	3	2	2	2
Per Dozen	\$6.25	7.00	8.50	10.00

MILK OR RICE BOILERS



Seamless, Retinned Cover, Hollow Handles.

Nos.	52	52 1/2	58	58 1/2
Trade Capacity, Qts..	1	2	2 1/2	3
Size, Inches	5 1/2	6	6 1/2	7 1/4
Dozen in Case.....	1 1/2	1 1/2	1 1/2	1 1/2
Per Dozen	\$13.00	13.75	14.50	16.25
Nos.	54	56	58	
Trade Capacity, Qts..	3 1/2	4	6	
Size, Inches	7 1/2	8 1/8	9	
Dozen in Case.....	1 1/2	1 1/2	1 1/2	
Per Dozen	\$18.00	24.00	30.00	



Seamless, Enameled Cover, Hollow Handles.

Nos.	521	521 1/4	531	531 1/4
Trade Capacity, Qts..	1	2	2 1/2	3
Size, Inches	5 1/2	6	6 1/2	7 1/4
Dozen in Case.....	1 1/2	1 1/2	1 1/2	1 1/2
Per Dozen	\$14.00	15.00	16.00	18.00
Nos.	541	561	581	
Trade Capacity, Qts..	3 1/2	4	6	
Size, Inches	7 1/2	8 1/8	9	
Dozen in Case.....	1 1/2	1 1/2	1 1/2	
Per Dozen	\$20.00	26.00	33.00	

SOUP BOWLS



No.	125
Size, Inches	5 3/4 x 3
Dozen in Case.....	6
Per Dozen	\$3.00

WASH BOWLS



Nos.	26	28	30	32	34	36
Size, Inches	10 1/2	11 1/2	12	12 3/4	13 3/4	14 1/2
Dozen in Case.....	6	6	6	6	4	4
Per Dozen	\$4.50	5.00	5.75	6.50	7.50	8.50

ROYAL GRANITE ENAMELED WARE

COVERED BUCKETS



Seamed, Retinned Cover.

Nos.	19	21	21 1/2	22
Trade Cap., Qts.	1/2	1	1 1/2	2
Size, Inches...	4 1/4 x 2 3/4	4 3/4 x 4 1/4	5 x 5	6 1/4 x 4 1/4
Dozen in Case.	3	3	3	2
Per Dozen	\$4.50	5.00	5.50	6.00
Nos.		23	24	26
Trade Cap., Qts.		3	4	6
Size, Inches...		6 3/8 x 4 3/8	7 1/2 x 6	8 1/8 x 7 1/8
Dozen in Case..		2	2	2
Per Dozen		\$7.00	8.50	10.00
Nos.		28	30	32
Trade Cap., Qts.		8	10	12
Size, Inches...		9 3/8 x 7 5/8	9 1/2 x 9 1/4	10 1/2 x 9 1/2
Dozen in Case..		1	1	1
Per Dozen		\$12.00	15.00	18.00

6 Quarts and larger have Enameled Wood Balls.

The above line of Covered Buckets can also be furnished with Enameled Covers.



Seamless, Retinned Cover.

Nos.	150	250	350	450
Trade Cap., Qts.	1	2	3	4
Size, Inches...	5 1/4 x 3 3/4	6 x 4 1/4	7 1/8 x 5	7 1/2 x 5 1/4
Dozen in Carton.	2	2	2	1
Per Dozen	\$6.00	7.00	8.00	9.50
Nos.	650	850	1050	1250
Trade Cap., Qts.	6	8	10	12
Size, Inches...	8 3/4 x 5 3/4	9 1/2 x 6 3/4	9 1/2 x 9 1/4	11 1/2 x 8
Dozen in Case...	1	1	1/4	1/4
Per Dozen	\$12.00	15.00	18.00	21.00

6 Quarts and Larger have Enameled Wood Balls.



Seamless, Enameled Cover.

Nos.	1501	2501	3501	4501
Trade Cap., Qts.	1	2	3	4
Size, Inches...	5 1/4 x 3 3/4	6 x 4 1/4	7 1/8 x 5	7 1/2 x 5 1/4
Dozen in Case.	2	2	2	1
Per Dozen	\$7.50	8.50	9.50	11.50
Nos.	6501	8501	10501	12501
Trade Cap., Qts.	6	8	10	12
Size, Inches...	8 3/4 x 5 3/4	9 1/2 x 6 3/4	9 1/2 x 9 1/4	11 1/2 x 8
Dozen in Case.	1	1	1/4	1/4
Per Dozen	\$14.00	17.00	21.00	24.00

6 Quarts and Larger have Enameled Wood Balls.

ROUND DINNER BUCKETS



Seamed Case, Retinned Cover, No Cup.

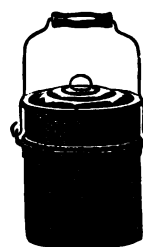
Nos.	080	040
Trade Capacity, Quarts.....	4	5
Size, Inches	6 1/2 x 8 7/8	7 3/8 x 9 3/4
Dozen in Case.....	1	1
Per Dozen	\$13.50	15.00



Seamed, with Seamless Enameled Cover Over Outside, One Case, with Pie Tray, No Cup.

Nos.	501	502	503
Trade Capacity, Quarts...	1	2	3
Size, Inches	5 1/4	5 3/4	6 1/4
Dozen in Case.....	1	1	1
Per Dozen	\$14.00	16.00	18.00

MINERS' DINNER BUCKETS



Seamless Body and Case, Retinned Cover, No Pie Tray.

No.	10
Trade Capacity, Quarts.....	5
Size, Inches	7 3/4 x 8 3/8
Dozen in Case.....	1
Per Dozen	\$19.00

ACME DINNER BUCKETS



Enameled Seamless Cover Over Outside, without Cup. One Case with Pie Tray, Self-Locking Balls.

No.	140
Trade Capacity, Quarts.....	4
Size, Inches	6 5/8 x 8
Dozen in Carton.....	1
Per Dozen	\$21.00

ROYAL GRANITE ENAMELED WARE

ACME DINNER BUCKETS



Enameled Seamless Cover Over Outside, with Cup, One Case with Pie Tray, Self-Locking Ball.

No.	240
Trade Capacity, Quarts.....	4
Size, Inches	6 ½ x 8
Dozen in Case.....	1
Per Dozen	\$24.00



Without Cup, One Case with Pie Tray, Wire Lock Fitting Over Cover, Retinned Cover Over Outside.

No.	340
Trade Capacity, Quarts.....	4
Size, Inches	6 ½ x 8
Dozen in Case.....	1
Per Dozen	\$19.00



Without Cup, One Case with Pie Tray, Wire Lock Fitting Over Cover, Enameled Cover Over Outside.

No.	3401
Trade Capacity, Quarts.....	4
Size, Inches	6 ½ x 8
Dozen in Case.....	1
Per Dozen	\$20.00

OVAL DINNER BUCKETS



Seamless, with Seamless Case, Wood Handle, no Cup, Enameled Cover.

No.	14
Body, Inches	9 x 6 ¾ x 4 ½
Case, Inches	8 ¾ x 6 ½ x 4
Dozen in Case.....	1
Per Dozen	\$22.00

OVAL DINNER BUCKETS



Seamed, with Case, No Cup, Enameled Cover.

Nos.	31	41
Trade Capacity, Quarts.....	3	4
Size, Inches	8 ½ x 6 ¾	9 ½ x 7
Dozen in Case.....	1	1
Per Dozen	\$19.00	22.00

OBLONG DINNER BUCKETS



With Coffee Flask in Cover, Pie Tray and Cup, Patented Self-Locking Ball.

Nos.	110	111	112	113
Size, Inches	8 x 5	8 ¼ x 5 ½	8 ¾ x 6	9 ¼ x 6 ½
Dozen in Case.....	1	1	1	1
Per Dozen	\$19.50	21.00	22.50	25.50

AURORA DINNER BUCKETS



Seamless Cover, No Cups, Seamless Tin Pie Tray, Tin Inset.

Nos.	775	776
Trade Capacity, Quarts.....	5	6
Size, Inches	9 x 5 ¾ x 7	9 ½ x 6 ¼ x 7
Dozen in Case.....	1	1
Per Dozen	\$20.00	23.00



Seamless Cover, with Seamless Cup, Seamless Tin Pie Tray, Tin Inset.

Nos.	875	876
Trade Capacity, Quarts.....	5	6
Size, Inches	9 x 5 ¾ x 7	9 ½ x 6 ¼ x 7
Dozen in Case.....	1	1
Per Dozen	\$23.00	26.00

ROYAL GRANITE ENAMELED WARE

ASYLUM CHAMBERS



No.	20
Size, Inches	8 3/4 x 4 5/8
Dozen in Carton	2
Per Dozen	\$9.00

CHAMBERS



Nos.	1	1 1/2
Size, Inches	7 3/4 x 4	8 3/4 x 4 5/8
Dozen in Carton	1	1
Per Dozen	\$6.00	7.50
Nos.	2	3
Size, Inches	9 3/4 x 5	10 x 5 5/8
Dozen in Carton	1	1
Per Dozen	\$9.00	10.00

CHAMBER COVERS



Nos.	1	1 1/2	2	3
Size, Inches	2	2	2	2
Dozen in Carton	2	2	2	2
Per Dozen	\$3.00	3.50	4.00	4.50

CULLENDERS



Seamed.

Nos.	1	2	3
Size, Inches	10	11	12
Dozen in Case	3	3	3
Per Dozen	\$6.00	7.00	9.00



Seamless.

Nos.	104	205
Size, Inches	9 7/8	10 3/4
Dozen in Case	3	3
Per Dozen	\$6.00	7.00
Nos.	306	407
Size, Inches	11 1/2	12
Dozen in Case	3	3
Per Dozen	\$8.50	10.00

CHILD'S COMMDES



No.	1
Size, Inches	6 3/8 x 4 1/4
Dozen in Case	2
Per Dozen	\$5.00

CHAIR COMMDES



Nos.	2	3	4
Size, Inches	9 5/8 x 7 3/8	10 1/4 x 7	11 1/4 x 7 1/4
Dozen in Case	2	2	2
Per Dozen	\$8.00	9.00	10.50

COVERED COMMDES



Enameled Cover.

No.	5
Size, Inches	10 3/4 x 8 1/4
Dozen in Case	1
Per Dozen	\$18.00

ODORLESS COMMDES



Seamless, Enameled Cover.

No.	6
Size, Inches	9 7/8 x 7
Dozen in Case	1
Per Dozen	\$20.00

COMBINETS



Combination Commode and Slop Jar, Seamless, Enameled Cover, Wood Ball.

No.	40
Trade Capacity, Quarts	10
Dozen in Carton	1/4
Per Dozen	\$28.00

ROYAL GRANITE ENAMELED WARE

POT COVERS



With Knobs.

Measurement is Taken from Extreme Outside Edges.

Size, Inches.....	4	4½	5	5½	6
Per Dozen	\$1.50	1.60	1.70	1.80	2.20
Size, Inches.....	6½	7	7½	8	8½
Per Dozen	\$2.50	2.70	2.90	3.20	3.40
Size, Inches.....	9	9½	10	10½	11
Per Dozen	\$3.60	3.80	4.00	4.20	4.40
Size, Inches.....	11½	12	12½	13	13½
Per Dozen	\$4.70	5.00	5.70	6.50	7.50
Size, Inches.....			14	14½	15
Per Dozen			\$9.00	10.50	12.00

ANT CUPS



When filled with liquid and placed under the feet of tables, meat safes, etc., will effectually keep ants off.

No.	80
Size, Inches	4½ x 1½
Dozen in Case	12
Per Dozen	\$30.00

DRINKING CUPS



Shallow.

Nos.	08	09	010
Trade Capacity, Pints.....	½	¾	1
Size, Inches	3 ⅞ x 1 ⅝	4 ⅞ x 1 ¾	4 ½ x 1 ⅞
Dozen in Case	12	12	12
Per Dozen	\$1.75	2.00	2.25



Deep.

Nos.	8	9
Trade Capacity, Pints.....	½	¾
Size, Inches	3 ½ x 2	3 ⅞ x 2 ⅞
Dozen in Case	12	12
Per Dozen	\$2.00	2.25
Nos.	10	11
Trade Capacity, Pints.....	1	1 ¼
Size, Inches	4 ⅞ x 2 ½	4 ½ x 2 ½
Dozen in Case	12	12
Per Dozen	\$2.50	2.75

PIECED CUPS



Nos.	20	25	40
Trade Capacity, Pints.....	½	1	2
Size, Inches	3 x 2 ¼	3 ⅝ x 2 ⅝	5 x 3 ¾
Dozen in Case	6	6	6
Per Dozen	\$2.00	2.50	3.75

STRAIGHT CUPS



Seamless.

Nos.	0	6	120
Trade Capacity, Pints.....	½	1	2
Size, Inches	3 ½ x 2	4 x 2 ¾	5 ¼ x 3 ⅝
Dozen in Carton.....	12	6	6
Per Dozen	\$2.50	3.25	5.00

MINERS' CUPS



No.	50
Trade Capacity, Quarts.....	1
Size, Inches	4 ⅝ x 4 ¼
Dozen in Carton.....	3
Per Dozen	\$5.00

MEASURING CUPS



Marked to Measure Quarters and Thirds of Cup.

No.	10
Trade Capacity, Pts.....	½
Size, Inches	3 ⅞ x 2 ¾
Dozen in Case	12
Per Dozen	\$2.50

AFTER DINNER CUPS AND SAUCERS



No.	10
Cup, Inches	3 ⅞ x 2
Diameter of Saucer, Inches.....	5
Dozen in Case	6
Per Dozen	\$4.00

CUPS AND SAUCERS



Straight.

No.	100
Cup, Inches	3 ½ x 2 ½
Diameter of Saucer, Inches.....	6
Dozen in Case	6
Per Dozen	\$4.25

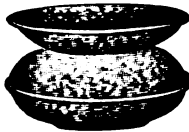
ROYAL GRANITE ENAMELED WARE

CUPS AND SAUCERS



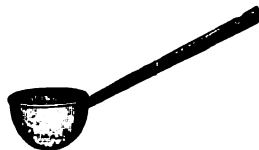
Nos.	20	400
Cup, Inches	4 $\frac{3}{8}$ x 2 $\frac{3}{8}$	4 $\frac{1}{4}$ x 2 $\frac{1}{4}$
Diam. of Saucer, Inches	5 $\frac{7}{8}$	6 $\frac{1}{8}$
Dozen in Case	6	6
Per Dozen	\$4.25	4.75

CUSPIDORS



Nos.	10	20	30
Size, Inches	7 x 3 $\frac{1}{2}$	7 $\frac{1}{4}$ x 4 $\frac{1}{2}$	7 $\frac{1}{2}$ x 4 $\frac{1}{4}$
Dozen in Carton	2	2	2
Per Dozen	\$5.50	6.50	8.00

FLARING COCOA SHAPED DIPPERS



With Improved Round Enameled Steel Handle.

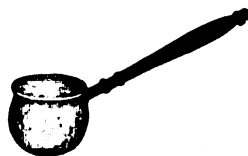
No.	161
Trade Capacity, Pints	$\frac{3}{4}$
Size, Inches	4 $\frac{1}{8}$ x 2 $\frac{1}{4}$
Dozen in Case	6
Per Dozen	\$3.00



With Enameled Wood Handle.

No.	151
Trade Capacity, Pints	$\frac{3}{4}$
Size, Inches	4 $\frac{1}{8}$ x 2 $\frac{1}{4}$
Dozen in Case	6
Per Dozen	\$3.00

GENUINE COCOA SHAPED DIPPERS



With Enameled Wood Handle.

No.	55
Trade Capacity, Pints	1
Size, Inches	3 $\frac{1}{2}$ x 3 $\frac{3}{8}$
Dozen in Case	6
Per Dozen	\$6.00

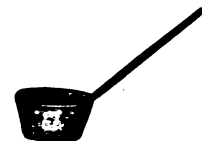
CUP DIPPERS



Flat Handle.

Nos.	9	10	11
Size, Inches	3 $\frac{7}{8}$ x 2 $\frac{1}{8}$	4 $\frac{1}{8}$ x 2 $\frac{1}{2}$	4 $\frac{1}{2}$ x 2 $\frac{1}{2}$
Dozen in Case	6	6	6
Per Dozen	\$3.25	3.50	4.00

FLARING DIPPERS



Flat Handle.

Nos.	010	011	012
Size, Inches	4 x 2 $\frac{1}{4}$	4 $\frac{3}{8}$ x 2 $\frac{1}{2}$	5 x 2 $\frac{7}{8}$
Dozen in Case	6	6	6
Per Dozen	\$3.25	3.50	4.00

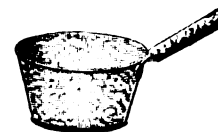
WINDSOR DIPPERS



Improved Round Enameled Handle.

Nos.	100	110
Trade Capacity, Quarts	$\frac{1}{2}$	1
Size, Inches	4 $\frac{1}{2}$ x 2 $\frac{5}{8}$	4 $\frac{3}{4}$ x 3
Dozen in Carton	6	6
Per Dozen	\$3.50	4.00
Nos.	112	114
Trade Capacity, Quarts	2	3
Size, Inches	5 $\frac{3}{4}$ x 3	6 x 3 $\frac{1}{2}$
Dozen in Carton	6	6
Per Dozen	\$4.50	5.00

SUDS DIPPERS



Seamed.

Nos.	2	4
Trade Capacity, Quarts	2	4
Size, Inches	6 $\frac{1}{2}$ x 3 $\frac{3}{4}$	8 x 4 $\frac{1}{2}$
Dozen in Case	2	2
Per Dozen	\$5.00	6.50

ROYAL GRANITE ENAMELED WARE

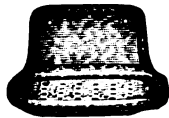
OBLONG SOAP DISHES



With Drainer.

No.	50
Size, Inches	6x4x1 1/4
Dozen in Case.....	6
Per Dozen	\$3.50

WALL SOAP DISHES

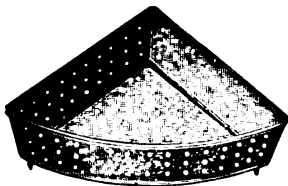


With Drainer

Without Drainer

Nos.	60	060
Size, Inches	6 1/2 x 4 1/4 x 3/4	6 1/2 x 4 1/4 x 3/4
Dozen in Case	6	6
Per Dozen	\$3.50	2.50

SINK DRAINERS



No.	40
Size, Inches	10 1/4 x 7 1/2 x 3
Dozen in Case.....	12
Per Dozen	\$5.00

COFFEE FLASKS



With 1 1/2 inch Cork Lined Aluminum Cap.

No.	10
Trade Capacity, Pints.....	1 1/2
Dozen in Carton.....	6
Per Dozen	\$6.00

ROUND COFFEE FLASKS



Seamless, with 3 1/4 inch Nickel Plated Cork Lined Screw Cap, Easily Kept Clean.

Nos.	110	210
Trade Capacity, Pints.....	1	2
Dozen in Case	6	6
Per Dozen	\$8.00	9.00

PIECED FUNNELS



With Handle.

Nos.	01	02	03
Trade Capacity, Pints.....	1/4	1/2	1
Dozen in Case.....	6	6	6
Per Dozen	\$3.50	4.00	4.50
Nos.	04	05	06
Trade Capacity, Quarts.....	1	2	4
Dozen in Case.....	4	4	4
Per Dozen	\$5.00	6.50	8.00

FRUIT JAR FILLERS



No.	20
Size, Inches	4 1/2
Dozen in Case.....	6
Per Dozen	\$3.00

BERLIN KETTLES



Retinned Cover.

Nos.	02	03	04	05
Trade Cap., Qts....	2	3	4	5
Size, Inches	5 3/8 x 3 3/8	6 7/8 x 4	7 7/8 x 4 1/2	8 1/4 x 4 1/4
Dozen in Carton..	1	1 1/2	1 1/2	1 1/2
Per Dozen	\$6.50	7.50	9.00	10.00
Nos.	06	08	010	012
Trade Cap., Qts....	6	8	10	12
Size, Inches	9x5 3/8	10x5 3/4	10 3/8 x 6 1/4	11 1/2 x 6 7/8
Dozen in Carton..	1 1/2	1 1/4	1 1/4	1 1/4
Per Dozen	\$11.00	13.50	16.50	19.50



Enameled Cover.

Nos.	021	031	041	051
Trade Cap., Qts....	2	3	4	5
Size, Inches	5 3/8 x 3 3/8	6 7/8 x 4	7 7/8 x 4 1/2	8 1/4 x 4 1/4
Dozen in Carton..	1	1 1/2	1 1/2	1 1/2
Per Dozen	\$8.00	9.00	11.00	12.00
Nos.	061	081	0101	0121
Trade Cap., Qts....	6	8	10	12
Size, Inches	9x5 3/8	10x5 3/4	10 3/8 x 6 1/4	11 1/2 x 6 7/8
Dozen in Carton ..	1 1/2	1 1/4	1 1/4	1 1/4
Per Dozen	\$13.50	16.50	19.50	22.50

ROYAL GRANITE ENAMELED WARE

CONVEX KETTLES



Retinned Cover.

Nos.	212	214	216
Trade Capacity, Quarts..	6	8	10
Size, Inches	8 5/8 x 5 3/4	9 1/2 x 6 5/8	10 1/2 x 7 5/8
Dozen in Carton	1	1/4	1/4
Per Dozen	\$12.50	15.00	18.00
Nos.	218	220	222
Trade Capacity, Quarts..	12	16	20
Size, Inches	11 1/2 x 8	12 1/2 x 8	13 3/4 x 8 1/4
Dozen in Carton	1/4	1/4	1/4
Per Dozen	\$21.00	24.00	30.00



Enameled Cover.

Nos.	2121	2141	2161
Trade Capacity, Quarts..	6	8	10
Size, Inches	8 5/8 x 5 3/4	9 1/2 x 6 5/8	10 1/2 x 7 5/8
Dozen in Carton	1	1/4	1/4
Per Dozen	\$14.50	17.00	21.00
Nos.	2181	2201	2221
Trade Capacity, Quarts..	12	16	20
Size, Inches	11 1/2 x 8	12 1/2 x 8	13 3/4 x 8 1/4
Dozen in Carton	1/4	1/4	1/4
Per Dozen	\$24.00	27.00	33.00

MILK KETTLES



With Bail, Retinned Cover.

Nos.	70	71	72	73	74	76
Capacity, Qts.	1/2	1	2	3	4	6
Size, Inches	3 1/4	4 1/4	5	6	6 1/2	7 1/4
Doz. in Carton	2	2	1	1	1	1
Per Dozen	\$5.00	6.00	7.50	9.00	11.00	13.00



Seamless, with Bail, Retinned Cover.

Nos.	51	52	53	54	56
Capacity, Quarts	1	2	3	4	6
Size, Inches	4 1/4	4 3/4	5 3/4	6 3/4	7 3/4
Dozen in Case	3	2	1	1	1
Per Dozen	\$8.00	10.50	12.50	15.00	19.00

MILK KETTLES



With Side Handle, Retinned Cover.

Nos.	81	82	83	84	86
Capacity, Quarts	1	2	3	4	6
Size, Inches	4 1/4	5	6	6 1/2	7
Dozen in Case	3	1	1	1	1
Per Dozen	\$6.00	7.50	9.00	11.00	13.00

TEA KETTLES



Seamed, Flat Bottom, Enameled Cover.

Nos.	20	30	40	50
Trade Capacity, Qts.	1	1 3/4	2	3
Size, Inches	6 1/8	6 5/8	7 1/4	8
Dozen in Carton	1	1	1	1
Per Dozen	\$8.75	9.50	10.50	12.00
Nos.	60	70	80	90
Trade Capacity, Qts.	4	5	7	8
Size, Inches	8 3/4	9 1/2	10 1/4	11 1/2
Dozen in Carton	1	1/4	1/4	1/4
Per Dozen	\$13.50	15.00	17.50	21.00



Seamless, Flat Bottom, Enameled Cover.

Nos.	070	080	090
Trade Capacity, Quarts	5	7	8
Size, Inches	9 1/2	10 1/4	11 1/2
Dozen in Case	1	1	1
Per Dozen	\$24.00	27.00	31.00

ROYAL TEA KETTLES



Seamless, Enameled Cover.

Nos.	160	170	180	190
Trade Capacity, Qts.	5	6	7	9
Size, Inches	8	9	10	10 1/2
Dozen in Carton	1	1	1/4	1/4
Per Dozen	\$15.00	17.00	20.00	24.00

ROYAL GRANITE ENAMELED WARE

LIPPED PRESERVING KETTLES



Nos.	14	16	18	20
Trade Cap., Qts...	1 1/2	2	2 1/2	3
Size, Inches	6 1/4 x 3	7 1/2 x 3	7 3/4 x 3 1/2	8 1/2 x 3 3/4
Dozen in Case.....	3	3	3	3
Per Dozen	\$4.00	4.50	5.00	5.75

Nos.	22	24	26	28
Trade Cap., Qts...	4	5	6	8
Size, Inches	8 3/4 x 4 1/4	10 x 4 1/2	10 3/4 x 4 1/2	11 1/2 x 5 1/4
Dozen in Case.....	3	3	3	3
Per Dozen	\$6.50	7.25	8.00	9.50

Nos.	30	32	34
Trade Cap., Qts...	10	12	13
Size, Inches	12 x 5 1/2	12 3/4 x 6	13 1/4 x 6 1/2
Dozen in Case.....	2	2	2
Per Dozen	\$11.00	13.00	14.00

Nos.	36	40	50
Trade Cap., Qts...	14	18	30
Size, Inches	13 1/2 x 6 1/2	14 3/4 x 7 1/4	17 1/2 x 9 1/4
Dozen in Case.....	1	1	1
Per Dozen	\$16.00	24.00	36.00

DEEP LADLES



Flat Handle, Solid.

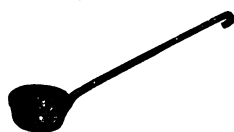
Nos.	90	100	110	120
Size, Inches	4	4 1/4	4 1/2	5
Dozen in Case.....	6	6	6	6
Per Dozen	\$2.75	3.00	3.25	3.75



Flat Handle, Pierced.

Nos.	91	101	111	121
Size, Inches	4	4 1/4	4 1/2	5
Dozen in Case.....	6	6	6	6
Per Dozen	\$3.00	3.25	3.50	4.00

SOUP LADLES



Flat Handle.

Nos.	29	30
Size, Inches	3 7/8 x 1 3/4	4 1/4 x 1 7/8
Dozen in Case.....	6	6
Per Dozen	\$2.50	3.00



Threaded Handle.

No.	38
Size, Inches	3 3/4
Dozen in Case.....	6
Per Dozen	\$2.50

GRADUATED MEASURES



With Lip.

No.	11
Capacity, Quarts	1
Dozen in Case.....	3
Per Dozen	\$6.00

Embossed in Body, "For Household Use Only."

STANDARD MEASURES



U. S. Standard, Seamed.

Nos.	01	02	03	04	05	06
Act. Cap., Pts....	1/4	1/2	1	2	4	8
Dozen in Case....	6	6	3	3	1	1
Per Dozen	\$3.00	3.50	4.50	6.00	8.00	11.50

JELLY MOULDS



No.	080
Size, Inches	6 1/2 x 2 1/8
Dozen in Case.....	3
Per Dozen	\$3.00

CHILDREN'S MUGS



Nos.	3	5
Trade Capacity, Pints.....	1/2	1
Size, Inches	3 1/4 x 3 1/8	3 1/2 x 3 1/2
Dozen in Case.....	6	6
Per Dozen	\$2.50	3.00

CHAMBER PAILS



Seamed.

Nos.	1	2
Trade Capacity, Quarts.....	8	10
Dozen in Carton.....	1/4	1/4
Per Dozen	\$16.50	18.00
Nos.	3	4
Trade Capacity, Quarts.....	12	14
Dozen in Carton.....	1/4	1/6
Per Dozen	\$21.00	24.00

ROYAL GRANITE ENAMELED WARE

CHAMBER PAILS



Seamless.

Nos.	25	30
Trade Capacity, Quarts.	12	14
Dozen in Case.	$\frac{1}{2}$	$\frac{1}{4}$
Per Dozen	\$26.00	28.00

WATER PAILS



Seamless.

Nos.	110	112	114
Trade Capacity, Quarts.	10	12	15
Size, Inches	$10 \frac{3}{8} \times 7 \frac{1}{2}$	$11 \frac{1}{2} \times 8 \frac{1}{2}$	$12 \frac{5}{8} \times 9 \frac{1}{2}$
Dozen in Carton.	1	1	1
Per Dozen	\$14.00	16.00	19.00

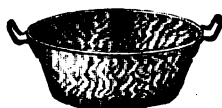
COVERED BAKE PANS



Seamless, Enameled Cover.

No.	1
Size, Inches	$9 \frac{7}{8} \times 3$
Dozen in Case.	1
Per Dozen	\$8.00

ROUND BAKE PANS



Seamless.

Nos.	20	30	40
Trade Capacity, Quarts.	2	3	4
Size, Inches	$8 \frac{3}{4} \times 2 \frac{3}{4}$	$9 \frac{1}{2} \times 3$	$10 \frac{1}{8} \times 3 \frac{1}{2}$
Dozen in Case.	3	3	3
Per Dozen	\$5.00	5.50	6.00
Nos.	50	60	
Trade Capacity, Quarts.	5	6	
Size, Inches	$11 \times 3 \frac{3}{8}$	$11 \frac{3}{4} \times 3 \frac{1}{2}$	
Dozen in Case.	3	2	
Per Dozen	\$6.75	7.50	

BED OR DOUCHE PANS



No.	2
Size, Inches	$15 \times 11 \frac{1}{4}$
Dozen in Case.	$\frac{1}{2}$
Per Dozen	\$24.00

Packed One Each in a Pasteboard Box.

BED PANS



No.	1
Dozen in Case.	$\frac{1}{2}$
Per Dozen	\$36.00

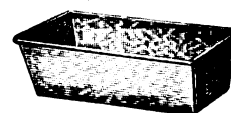
Packed One Each in a Pasteboard Box.

BREAD PANS



Seamless.

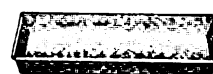
No.	2
Size, Inches	$10 \frac{1}{4} \times 6 \frac{1}{4} \times 2$
Dozen in Case.	6
Per Dozen	\$4.50



Deep.

Nos.	11	12	13
Size, Inches	$9 \frac{3}{4} \times 4 \frac{1}{2} \times 3$	$10 \frac{3}{4} \times 5 \frac{3}{8} \times 3 \frac{1}{8}$	$11 \frac{1}{2} \times 6 \times 3$
Dozen in Case.	6	6	6
Per Dozen	\$4.50	5.50	6.50

OBLONG PANS



Shallow, Folded Ends.

Nos.	03	04
Size, Inches	$12 \times 8 \times 1 \frac{3}{8}$	$13 \times 9 \frac{1}{4} \times 1 \frac{3}{8}$
Dozen in Case.	6	6
Per Dozen	\$4.00	4.50



Deep, Folded Ends.

Nos.	01	02
Size, Inches	$9 \frac{1}{8} \times 5 \frac{3}{8} \times 2 \frac{3}{8}$	$10 \frac{3}{8} \times 6 \frac{3}{8} \times 2$
Dozen in Case.	6	6
Per Dozen	\$3.50	4.00

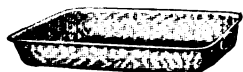
SPONGE CAKE PANS



No.	200
Size, Inches	$13 \frac{3}{8} \times 5 \frac{1}{4} \times 2 \frac{1}{2}$
Dozen in Case.	6
Per Dozen	\$4.50

ROYAL GRANITE ENAMELED WARE

OBLONG STOVE PANS



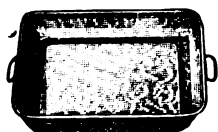
Tinned Drop Handles, Seamless.

Nos.	100	200	300	325
Size, Inches..	7 1/2 x 9 x 2 1/4	8 x 10 1/2 x 2 1/2	8 1/2 x 12 x 2 1/2	9 x 13 x 2 1/2
Doz. Case...	2	2	2	2
Per Dozen ..	\$5.50	6.00	8.00	9.00

Nos.	350	400	425	450
Size, Inches..	9 1/2 x 14 x 2 1/2	10 1/2 x 15 x 2 1/2	11 x 16 x 2 1/2	11 x 17 x 2 1/2
Doz. Case...	2	2	2	2
Per Dozen ..	\$10.00	11.00	12.00	13.00

Nos.	475	500	550
Size, Inches..	12 x 17 x 2 1/2	12 x 18 x 2 1/2	13 x 18 x 2 1/2
Doz. Case...	2	2	2
Per Dozen ..	\$14.00	15.00	17.00

SQUARE STOVE PANS



Tinned Drop Handles, Seamless.

Nos.	110	111	112	113
Size, Inches	10x10	11x11	12x12	13x13
Dozen in Case.....	2	2	2	2
Per Dozen	\$7.50	8.00	9.00	10.00

Nos.	114	115	116	118
Size, Inches	14x14	15x15	16x16	18x18
Dozen in Case.....	2	2	1	1
Per Dozen	\$12.00	13.50	15.00	16.50

SQUARE JELLY CAKE PANS



Shallow, Seamed.

Nos.	99	100
Size, Inches	8 1/2 x 8 1/2 x 3/4	9 1/2 x 9 1/2 x 3/4
Dozen in Case.....	6	6
Per Dozen	\$3.50	4.00



Deep, Seamed.

No.	90
Size, Inches	9 x 9 x 1 3/4
Dozen in Case.....	6
Per Dozen	\$4.00

JELLY CAKE PANS



Shallow, 5/8 inch.

Nos.	8	9	10
Size, Inches	8	9	10
Dozen in Case.....	6	6	6
Per Dozen	\$2.75	3.00	3.50

JELLY CAKE PANS



Deep, 1 inch.

Nos.	68	69	70
Size, Inches	8	9	10
Dozen in Case.....	6	6	6
Per Dozen	\$3.00	3.25	3.75

MOUNTAIN CAKE PANS



1 1/4 inch Deep.

Nos.	78	79	80
Size, Inches	8	9	10
Dozen in Case.....	6	6	6
Per Dozen	\$3.50	3.75	4.25

OVAL DISH PANS



Seamless.

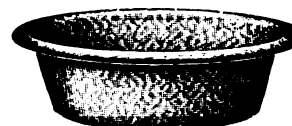
Nos.	15	18	22
Trade Cap., Qts.	15	18	22
Size, Inches	18 1/4 x 14 x 5 1/4	19 1/4 x 15 1/2 x 5 1/2	22 x 17 x 5 3/4
Dozen in Case.....	1	1	1
Per Dozen	\$18.00	21.00	24.00

DISH PANS



Deep.

Nos.	80	100	140	170
Trade Cap., Qts....	8	10	14	17
Size, Inches	14 1/8 x 4 3/8	15 1/4 x 4 1/2	16 1/2 x 5	18 x 5
Dozen in Case.....	2	1	1	1
Per Dozen	\$11.00	12.00	14.00	16.00
Nos.		210	300	400
Trade Cap., Qts....		21	30	40
Size, Inches		19 3/4 x 5 1/2	22 1/4 x 6	24 x 7 1/4
Dozen in Case.....		1	1 1/2	1 1/2
Per Dozen		\$19.00	28.00	42.00



Roll Rim, Deep.

Nos.	101	141	171
Trade Capacity, Quarts..	10	14	17
Size, Inches	15 1/4 x 4 1/2	16 3/4 x 5	18 1/4 x 5
Dozen in Case.....	2	2	1
Per Dozen	\$11.00	13.00	15.00

ROYAL GRANITE ENAMELED WARE

RINSING PANS



Nos.	08	010	012
Trade Capacity, Quarts.	8	10	12
Size, Inches	14x4	14 3/4 x4 1/4	15 1/4 x4 3/4
Dozen in Case	2	2	2
Per Dozen	\$10.00	11.00	12.00
Nos.	014	017	
Trade Capacity, Quarts.	14	17	
Size, Inches	16 3/4 x4 1/4	18 3/4 x4 5/8	
Dozen in Case	2	2	
Per Dozen	\$13.00	15.00	

LIPPED FRY PANS



Nos.	30	31	32	33
Size, Inches	7 1/2 x1 1/2	8x1 5/8	8 7/8 x1 7/8	9 1/4 x1 3/4
Dozen in Case	3	3	3	3
Per Dozen	\$3.75	4.25	4.75	5.25
Nos.	34	35	36	
Size, Inches	10x1 3/4	11x1 7/8	12x2	
Dozen in Case	3	3	3	
Per Dozen	\$6.00	7.00	8.00	

NATIONAL FRY PANS



Nos.	49	50	51	52
Size, Inches	6x1 1/4	8x1 5/8	8 1/2 x1 3/4	9 1/4 x1 3/4
Dozen in Case	3	3	3	3
Per Dozen	\$4.00	4.50	5.25	6.00
Nos.	53	54	55	56
Size, Inches	10x1 3/4	10 1/2 x1 3/4	11x2	12x2 1/2
Dozen in Case	3	3	3	2
Per Dozen	\$6.75	7.50	8.25	9.00

MUFFIN PANS



Cups 3 1/2 x 7/8, Solid Frame.

Nos.	406	408	409	412
Cups on Frame	6	8	9	12
Size, Inches	10 1/4 x6 3/4	13 1/2 x6 3/4	10 1/4 x10 1/4	13 1/2 x10 1/4
Dozen in Case	2	2	2	2
Per Dozen	\$5.50	6.50	7.50	9.00

CORN CAKE PANS



Cups 3 1/2 x1 1/2, Solid Frame.

Nos.	706	708		
Cups on Frame	6	8		
Size, Inches	10 1/4 x6 3/4	13 1/2 x6 3/4		
Dozen in Case	2	2		
Per Dozen	\$6.50	7.50		
Nos.	709	712		
Cups on Frame	9	12		
Size, Inches	10 1/4 x10 1/4	13 1/2 x10 1/4		
Dozen in Case	2	2		
Per Dozen	\$9.00	10.00		

MILK PANS



Nos.	00	0	11	15
Trade Cap., Qts.	1/4	1/2	1	1 1/2
Size, Inches	5 5/8 x1 1/4	6x1 1/2	7x1 5/8	7 3/4 x1 7/8
Dozen in Case	6	6	6	6
Per Dozen	\$2.25	2.50	2.75	3.25
Nos.	20	30	40	50
Trade Cap., Qts.	2	3	4	5
Size, Inches	8 1/2 x1 3/4	9 1/4 x2 1/4	10 7/8 x2 1/2	11 3/4 x2 5/8
Dozen in Case	6	6	6	6
Per Dozen	\$3.50	4.00	5.00	5.75
Nos.	60	80	100	120
Trade Cap., Qts.	6	8	10	12
Size, Inches	12 5/8 x2 3/4	13 3/4 x3	14 1/2 x3	15 1/2 x3 1/8
Dozen in Case	6	4	4	4
Per Dozen	\$6.50	7.50	8.50	9.50

PUDDING PANS



Nos.	50	100	150	200	300
Trd. Cap., Qts.	1/2	1	1 1/2	2	3
Size, Inches	6 5/8 x2	7 3/8 x2 1/2	8 1/4 x2 1/2	8 3/4 x2 3/4	9 1/2 x3
Doz. in Case	6	6	6	6	6
Per Dozen	\$2.75	3.25	3.50	4.00	4.50
Nos.	400	500	600	800	1000
Trd. Cap., Qts.	4	5	6	8	10
Size, Inches	10 1/8 x3 1/2	11x3 3/8	11 3/4 x3 1/2	13x3 1/2	13 1/2 x4 1/4
Doz. in Case	6	6	6	4	4
Per Dozen	\$5.00	5.75	6.50	7.50	8.50

PUS PANS



Nos.	1	2	3
Size, Inches	9 1/2 x4	10 1/2 x4 5/8	11 1/4 x5 1/8
Dozen in Case	6	6	6
Per Dozen	\$6.00	6.50	7.50



No.	30
Size, Inches	12
Dozen in Case	6
Per Dozen	\$9.00

The curves shown in this cut will fit all parts of the body perfectly.

BERLIN SAUCE PANS



Retinned Cover, Hollow Handle.

Nos.	02	03	04	05
Trade Cap., Qts.	2	3	4	5
Size, Inches	5 3/8 x3 3/8	6 3/8 x4	7 7/8 x4 1/2	8 3/4 x4 1/4
Dozen in Carton	1	1	1/2	1/2
Per Dozen	\$6.50	7.50	9.00	10.00
Nos.	06	08	010	012
Trade Cap., Qts.	6	8	10	12
Size, Inches	9x5 3/8	10x5 3/4	10 3/8 x6 1/4	11 1/2 x6 3/8
Dozen in Carton	1/2	1/2	1/2	1/2
Per Dozen	\$11.00	13.50	16.50	19.50

ROYAL GRANITE ENAMELED WARE

BERLIN SAUCE PANS



Enameled Cover, Hollow Handle.

Nos.	021	031	041	051
Trade Cap., Qts.	2	3	4	5
Size, Inches	5 3/8 x 3 3/8	6 7/8 x 4	7 7/8 x 4 1/2	8 1/4 x 4 1/4
Dozen in Carton	1	1	1 1/2	1 1/2
Per Dozen	\$8.00	9.00	11.00	12.00

Nos.	061	081	0101	0121
Trade Cap., Qts.	6	8	10	12
Size, Inches	9 x 5 3/8	10 x 5 3/8	10 3/8 x 6 1/4	11 1/2 x 6 7/8
Dozen in Carton	1 1/2	1 1/2	1 1/2	1 1/2
Per Dozen	\$13.50	16.50	19.50	22.50

COMBINATION "DOUBLE" SAUCE PANS



Retinned Covers, Hollow Handles.

No.	1
Trade Capacity, Pints to Each Pan	5
Dozen Sets in Case	1
Per Dozen Sets (2 to Set)	\$18.00



Enameled Covers, Hollow Handles.

No.	11
Trade Capacity, Pints to Each Pan	5
Dozen Sets in Case	1
Per Dozen Sets (2 to Set)	\$21.00

COMBINATION "TRIPLE" SAUCE PANS



Retinned Covers, Hollow Handles.

No.	10
Trade Capacity, Pints to Each Pan	6
Dozen Sets in Case	1
Per Dozen Sets (3 to Set)	\$27.00



Enameled Covers, Hollow Handles.

No.	101
Trade Capacity, Pints to Each Pan	6
Dozen Sets in Case	1
Per Dozen Sets (3 to Set)	\$30.00

LIPPED SAUCE PANS



Hollow Handle.

Nos.	9	10	12	14
Trade Cap., Qts.	1 1/2	3 1/4	1	1 1/2
Size, Inches	4 3/4 x 2 1/4	5 1/8 x 2 3/8	5 3/4 x 2 3/4	6 1/4 x 3
Dozen in Case	6	6	6	3
Per Dozen	\$3.25	3.50	3.75	4.00

Nos.	16	18	20	22
Trade Cap., Qts.	2	2 1/2	3	4
Size, Inches	7 1/2 x 3	7 3/4 x 3 1/2	8 1/2 x 3 3/4	8 3/4 x 4 1/4
Dozen in Case	3	3	3	3
Per Dozen	\$4.50	5.00	5.75	6.50

Nos.	24	26	28	30
Trade Cap., Qts.	5	6	8	10
Size, Inches	10 x 4 1/2	10 3/4 x 4 1/2	11 1/2 x 5 1/4	12 x 5 1/2
Dozen in Case	3	2	2	2
Per Dozen	\$7.25	8.00	9.50	11.00

SAUCE PANS



Seamed, Retinned Cover, Hollow Handle.

Nos.	162	163	164
Trade Capacity, Quarts	2	3	4
Size, Inches	6 x 4 1/4	6 3/4 x 5 1/2	7 1/4 x 6 1/4
Dozen in Case	2	2	2
Per Dozen	\$6.00	7.00	8.50

STRAIGHT SAUCE PANS



Seamless, Retinned Cover, Hollow Handle.

Nos.	250	350	450	650
Trade Capacity, Qts.	2	3	4	6
Size, Inches	6 x 4 1/4	7 1/8 x 5	7 1/2 x 5 1/4	8 3/4 x 5 3/4
Dozen in Carton	1	1	1	1 1/2
Per Dozen	\$7.00	8.00	9.50	12.00

SHALLOW STEW PANS



Nos.	3	4	5	6
Trade Capacity, Qts.	1	2	3	4
Size, Inches	6 3/4 x 1 3/4	8 x 2 1/8	8 7/8 x 2 1/2	10 1/4 x 2 1/2
Dozen in Case	3	3	3	3
Per Dozen	\$3.75	4.50	5.00	6.00

DEEP STEW PANS



Nos.	14	16	18	20	22
Trade Cap., Qts.	1	1 1/2	2	3	4
Size, Inches	7 1/8 x 2 7/8	7 3/4 x 3 1/8	8 1/2 x 3 3/8	9 1/2 x 5 5/8	10 x 4
Dozen in Case	3	3	3	3	3
Per Dozen	\$4.25	4.50	5.00	5.50	6.00

ROYAL GRANITE ENAMELED WARE

MOLASSES PITCHERS



No.	601
Trade Capacity, Pints.....	1½
Dozen in Carton.....	3
Per Dozen	\$7.00

CONVEX WATER PITCHERS



Seamless.

Nos.	401	402	403	404	405	406
Trade Capacity, Pts..	1	2	3	4	5	6
Dozen in Case.....	3	3	3	3	2	2
Per Dozen	\$7.50	8.00	9.00	10.00	11.00	12.00

WATER PITCHERS



Seamless.

Nos.	5	10	20
Trade Capacity, Quarts...	2	3	4
Dozen in Carton.....	1	1	1
Per Dozen	\$12.00	13.50	15.00



Seamless.

Nos.	0	1	2	3	4
Trade Cap., Qts.	1	1½	2	3	4
Dozen in Case..	2	2	2	2	2
Per Dozen	\$8.50	9.50	11.00	12.50	14.00



Seamless.

No.	6
Trade Capacity, Quarts.....	6
Dozen in Case.....	1
Per Dozen	\$24.00

PITCHERS AND BOWLS



Seamless.

Nos.	100	200
Trade Capacity Pitcher, Quarts....	3	4
Diameter of Bowl, Inches.....	11½	12
Dozen in Case.....	1	1
Per Dozen	\$18.50	21.00

DINNER PLATES



Flat Bottom.

Nos.	19	20	21
Size, Inches	9½	10½	11½
Dozen in Case.....	12	12	12
Per Dozen	\$3.25	3.75	4.25

PIE PLATES



Shallow, ⅝ inch Deep.

Nos.	27	28	29	30	31
Size, Inches	7	8	9	10	11
Dozen in Case.....	12	12	12	12	12
Per Dozen	\$2.50	2.75	3.00	3.50	4.00



Deep, 1¼ inches Deep.

Nos.	39	40	41
Size, Inches	9	10	11
Dozen in Case.....	12	12	12
Per Dozen	\$3.25	3.75	4.25

LEBANON PIE PLATES



1½ inches Deep.

Nos.	47	48	49	50
Size, Inches	7	8	9	10
Dozen in Case.....	12	12	12	12
Per Dozen	\$2.75	3.00	3.50	4.00

SOUP PLATES



Nos.	58	59	60
Size, Inches	8¾	9¾	10¾
Dozen in Case.....	12	12	12
Per Dozen	\$3.25	3.50	4.00

ROYAL GRANITE ENAMELED WARE

COFFEE POTS

Seamed, Retinned Cover.
Hollow Enameled Steel Handle.

Nos.	2 1/2	3	5	15
Trade Capacity, Qts.	1 1/2	3/4	1	1 1/2
Size, Inches	3 1/2	4	4 3/4	5 1/4
Dozen in Carton	2	2	1	1
Per Dozen	\$5.75	6.25	7.00	8.00
Nos.	25	35	45	55
Trade Capacity, Qts.	2	3	4	5
Size, Inches	5 3/4	6 3/8	7	7 1/4
Dozen in Carton	1	1	1	1
Per Dozen	\$9.00	10.00	11.00	12.50

Seamed, Enameled Cover.
Hollow Enameled Steel Handle.

Nos.	21 1/4	31	51	151
Trade Capacity, Qts.	1 1/2	3/4	1	1 1/2
Size, Inches	3 1/4	4	4 3/4	5 1/4
Dozen in Carton	2	2	1	1
Per Dozen	\$6.75	7.25	8.00	9.00
Nos.	251	351	451	551
Trade Capacity, Qts.	2	3	4	5
Size, Inches	5 3/4	6 3/8	7	7 1/4
Dozen in Carton	1	1	1	1
Per Dozen	\$10.00	11.00	12.00	13.50

Seamless, Retinned Cover.
Hollow Enameled Steel Handle.

Nos.	05	015	025	035	045	055
Trade Cap., Qts.	1	1 1/2	2	3	4	5
Size, Inches	4 3/4	5 1/4	5 3/4	6 3/8	7	7 1/4
Dozen in Case	1	1	1	1	1	1
Per Dozen	\$10.75	11.75	13.00	14.50	16.00	18.00

Seamless, Enameled Cover.
Hollow Enameled Steel Handle.

Nos.	051	0151	0251	0351	0451	0551
Trade Cap., Qts.	1	1 1/2	2	3	4	5
Size, Inches	4 3/4	5 1/4	5 3/4	6 3/8	7	7 1/4
Dozen in Case	1	1	1	1	1	1
Per Dozen	\$11.75	12.75	14.00	15.50	17.00	19.00

TEA POTS

Seamed, Retinned Cover.
Hollow Enameled Steel Handle.

Nos.	00	01	0	010
Trade Capacity, Qts.	1/2	3/4	1	1 1/2
Size, Inches	3 1/2	4	4 3/4	5 1/4
Dozen in Carton	2	2	1	1
Per Dozen	\$6.25	6.75	7.50	8.50
Nos.	20	30	40	50
Trade Capacity, Qts.	2	3	4	5
Size, Inches	5 3/4	6 3/8	7	7 1/4
Dozen in Carton	1	1	1	1
Per Dozen	\$9.50	10.50	11.50	13.00

Seamed, Enameled Cover.
Hollow Enameled Steel Handle.

Nos.	001	011	01 1/2	101
Trade Capacity, Qts.	1/2	3/4	1	1 1/2
Size, Inches	3 1/2	4	4 3/4	5 1/4
Dozen in Carton	2	2	1	1
Per Dozen	\$7.25	7.75	8.50	9.50
Nos.	201	301	401	501
Trade Capacity, Qts.	2	3	4	5
Size, Inches	5 3/4	6 3/8	7	7 1/4
Dozen in Carton	1	1	1	1
Per Dozen	\$10.50	11.50	12.50	14.00

Seamless, Retinned Cover.
Hollow Enameled Steel Handle.

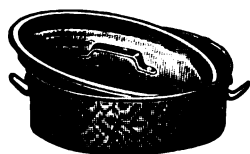
Nos.	1000	1010	1020	1030	1040	1050
Trade Cap., Qts.	1	1 1/2	2	3	4	5
Size, Inches	4 3/4	5 1/4	5 3/4	6 3/8	7	7 1/4
Dozen in Case	1	1	1	1	1	1
Per Dozen	\$11.25	12.25	13.50	15.00	16.50	18.50

Seamless, Enameled Cover.
Hollow Enameled Steel Handle.

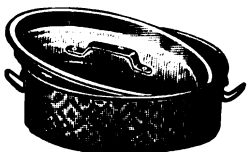
Nos.	2000	2010	2020	2030	2040	2050
Trade Cap., Qts.	1	1 1/2	2	3	4	5
Size, Inches	4 3/4	5 1/4	5 3/4	6 3/8	7	7 1/4
Dozen in Case	1	1	1	1	1	1
Per Dozen	\$12.25	13.25	14.50	16.00	17.50	19.50

ROYAL GRANITE ENAMELED WARE

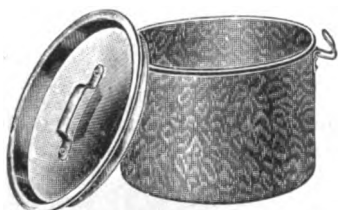
FIRELESS COOKER POTS

Shallow, Seamless, Retinned Cover.
Side Cover Locks.

Nos.	420	620	820
Quarts	2	3	4
Size, Inches	8x2 1/2	8 3/4 x2 3/4	9 3/4 x3 1/4
Dozen in Case.....	2	2	1
Per Dozen	\$10.00	14.00	17.00

Shallow, Seamless, Aluminum Cover.
Side Cover Locks.

Nos.	1420	1620	1820
Quarts	2	3	4
Size, Inches	8x2 1/2	8 3/4 x2 3/4	9 3/4 x3 1/4
Dozen in Case.....	2	2	1
Per Dozen	\$15.00	19.00	23.00

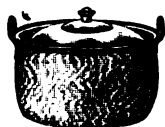
Seamless, Retinned Cover.
Side Cover Locks.

Nos.	450	650	850
Quarts	4	6	8
Size, Inches	8x5 1/4	8 3/4 x5 3/4	9 3/4 x6 1/2
Dozen in Carton.....	1	1	1
Per Dozen	\$14.00	18.50	22.00

Seamless, Aluminum Cover.
Side Cover Locks.

Nos.	1450	1650	1850
Quarts	4	6	8
Size, Inches	8x5 1/4	8 3/4 x5 3/4	9 3/4 x6 1/2
Dozen in Carton.....	1	1	1
Per Dozen	\$19.00	23.00	27.00

BERLIN SAUCE POTS



Seamless, Retinned Cover.

Nos.	02	03	04	05
Trade Cap., Qts...	2	3	4	5
Size, Inches	5 3/8 x3 3/8	6 7/8 x4	7 7/8 x4 1/2	8 1/4 x4 1/4
Dozen in Carton...	1	1/2	1/2	1/2
Per Dozen	\$6.50	7.50	9.00	10.00

Nos.	06	08	010	012
Trade Cap., Qts...	6	8	10	12
Size, Inches	9x5 3/8	10x5 3/4	10 3/8 x6 1/4	11 1/2 x6 7/8
Dozen in Carton...	1/2	1/4	1/4	1/4
Per Dozen	\$11.00	13.50	16.50	19.50

BERLIN SAUCE POTS



Seamless, Enameled Cover.

Nos.	021	031	041	051
Trade Cap., Qts...	2	3	4	5
Size, Inches	5 3/8 x3 3/8	6 7/8 x4	7 7/8 x4 1/2	8 1/4 x4 1/4
Dozen in Carton...	1	1/2	1/2	1/2
Per Dozen	\$8.00	9.00	11.00	12.00

Nos.	061	081	0101	0121
Trade Cap., Qts...	6	8	10	12
Size, Inches	9x5 3/8	10x5 3/4	10 3/8 x6 1/4	11 1/2 x6 7/8
Dozen in Carton...	1/2	1/4	1/4	1/4
Per Dozen	\$13.50	16.50	19.50	22.50

CONVEX SAUCE POTS



Seamless, Retinned Cover.

Nos.	212	214	216
Trade Capacity, Qts....	6	8	10
Size, Inches	8 5/8 x5 3/4	9 1/2 x6 5/8	10 1/2 x7 7/8
Dozen in Carton.....	1	1/4	1/4
Per Dozen	\$12.50	15.00	18.00

Nos.	218	220	222
Trade Capacity, Qts....	12	16	20
Size, Inches	11 1/2 x8	12 1/2 x8	13 3/4 x8 1/4
Dozen in Carton.....	1/4	1/4	1/4
Per Dozen	\$21.00	24.00	30.00



Seamless, Enameled Cover.

Nos.	2121	2141	2161
Trade Capacity, Qts....	6	8	10
Size, Inches	8 5/8 x5 3/4	9 1/2 x6 5/8	10 1/2 x7 7/8
Dozen in Carton.....	1	1/4	1/4
Per Dozen	\$14.50	17.00	21.00

Nos.	2181	2201	2221
Trade Capacity, Qts....	12	16	20
Size, Inches	11 1/2 x8	12 1/2 x8	13 3/4 x8 1/4
Dozen in Carton.....	1/4	1/4	1/4
Per Dozen	\$24.00	27.00	33.00

OVAL SAUCE POTS



Nos. 2 to 4.



Nos. 20 to 40.

Shallow, Seamed, Retinned Cover.

Nos.	2	3	4
Size, Inches...	14 1/2 x10 1/8 x6 3/8	15 1/8 x11 x6 1/4	16 1/2 x12 3/8 x6 3/8
Dozen in Case...	1	1/2	1/2
Per Dozen ...	\$24.00	27.00	30.00

Deep, Seamed, Retinned Cover.

Nos.	20	30	40
Size, Inches...	14 1/4 x10 1/4 x9 3/8	15 1/4 x11 x9 3/8	16 3/8 x12 3/8 x9 3/8
Dozen in Case...	1	1/2	1/2
Per Dozen ...	\$27.00	30.00	38.00

ROYAL GRANITE ENAMELED WARE

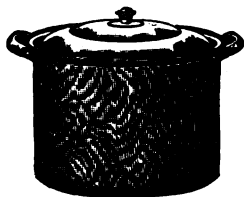
STRAIGHT SAUCE POTS



Seamed, Retinned Cover, Nestable.

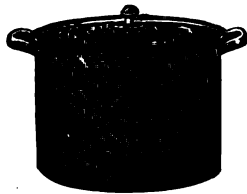
Nos.	014	016	018	020	022
Trade Cap., Qts.	2	3	4	6	8
Diam. Top, Inches.	6 5/8	6 3/4	7 1/2	8 1/4	9 3/8
Diam. Bottom, In.	6 1/4	6 5/8	7 1/4	7 3/4	8 1/2
Height, Inches.	4 3/4	5 3/4	6	7 1/8	7 3/4
Dozen in Case.	2	2	2	2	1/2
Per Dozen	\$6.00	7.00	8.50	10.00	12.00

Nos.	024	026	028	030	032
Trade Cap., Qts.	10	12	16	20	24
Diam. Top, Inches.	10 1/2	11 1/2	12 1/2	12 7/8	13 1/2
Diam. Bottom, In.	9 1/8	10 1/8	10 7/8	11 7/8	12 3/8
Height, Inches.	7 7/8	8 7/8	9 3/8	10 1/8	10 7/8
Dozen in Case.	1/2	1/4	1/4	1/4	1/4
Per Dozen	\$15.00	18.00	24.00	27.00	30.00



Seamless, Retinned Cover.

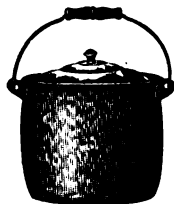
Nos.	80	100	120	160	200
Trd. Cap., Qts.	8	10	12	16	20
Size, Inches.	9 1/2 x 6 3/4	9 1/2 x 9 1/4	11 1/2 x 8	12 1/2 x 8	13 5/8 x 8 1/4
Doz. in Carton	1	1/4	1/4	1/4	1/4
Per Dozen	\$15.00	18.00	21.00	27.00	33.00



Seamless, Enameled Cover.

Nos.	801	1001	1201	1601	2001
Trd. Cap., Qts.	8	10	12	16	20
Size, Inches.	9 1/2 x 6 3/4	9 1/2 x 9 1/4	11 1/2 x 8	12 1/2 x 8	13 5/8 x 8 1/4
Doz. in Carton	1	1/4	1/4	1/4	1/4
Per Dozen	\$17.00	21.00	24.00	30.00	37.00

COVERED STOVE POTS



Seamless, Flat Bottom, Retinned Cover.

Nos.	706	707	708	709
Trade Cap., Qts.	7	9	14	20
Size, Inches.	8 x 7 1/2	9 x 8	10 1/8 x 8 3/4	11 1/4 x 9
Dozen in Carton	1/4	1/4	1/4	1/4
Per Dozen	\$15.00	18.00	24.00	30.00

COVERED STOVE POTS



Seamless, Flat Bottom, Enameled Cover.

Nos.	7061	7071	7081	7091
Trade Cap., Qts.	7	9	14	20
Size, Inches.	8 x 7 1/2	9 x 8	10 1/8 x 8 3/4	11 1/4 x 9
Dozen in Carton	1/4	1/4	1/4	1/4
Per Dozen	\$18.00	21.00	27.00	33.00

SOUP STOCK POTS



Seamless, Retinned Cover, without Faucet.

Nos.	212	218	224	236
Trade Cap., Gal.	3 3/4	4 3/4	6	9
Size, Inches.	10 5/8 x 10 1/2	11 1/4 x 12	13 x 11 3/4	15 x 14
Dozen in Carton	1/6	1/6	1/12	1/12
Per Dozen	\$54.00	72.00	90.00	108.00



Seamless, with Removable Strainer and Brass Faucet, Retinned Cover.

Nos.	312	318	324	326
Trade Cap., Gals.	3 3/4	4 3/4	6	9
Size, Inches.	10 5/8 x 10 1/2	11 1/4 x 12	13 x 11 3/4	15 x 14
Size Faucet, Inches.	5/8	3/4	1	1
Dozen in Case	1/12	1/12	1/12	1/12
Each	\$9.00	12.00	15.00	18.00

BREAD RAISERS



Nos. 10 to 21.



Nos. 101 to 211.

Deep, with Feet, Ventilated Retinned Cover.

Nos.	10	14	17	21
Trade Cap., Qts.	10	14	17	21
Size, Inches.	15 1/4	16 1/2	18	19 1/2
Dozen in Case	1/2	1/2	1/2	1/2
Per Dozen	\$21.00	24.00	28.00	33.00

Deep, with Feet, Ventilated Enameled Cover.

Nos.	101	141	171	211
Trade Cap., Qts.	10	14	17	21
Size, Inches.	15 1/4	16 1/2	18	19 1/2
Dozen in Case	1/2	1/2	1/2	1/2
Per Dozen	\$24.00	27.00	33.00	39.00

ROYAL GRANITE ENAMELED WARE

GROCERS' SCOOPS



Open.

Nos.	2	3	4	5
Size, Inches	6 3/4 x 5 1/4	7 3/4 x 5 3/8	9 3/4 x 7	11 x 7
Dozen in Case	3	3	3	3
Per Dozen	\$5.00	6.00	7.00	8.00



Covered.

Nos.	20	30	40	50
Size, Inches	6 3/4 x 4 3/4	7 3/4 x 5 3/4	9 x 6 1/2	10 1/4 x 7 3/4
Dozen in Case	3	3	3	3
Per Dozen	\$7.00	8.00	10.00	12.00

FLAT SKIMMERS



Flat Handle.

Nos.	9	10	11	12
Size, Inches	4 1/4	4 1/2	4 3/4	5
Dozen in Case	6	6	6	6
Per Dozen	\$2.50	2.75	3.00	3.25

SPITTOONS



Nos.	200	300
Size, Inches	9 1/2 x 4 1/2	10 1/2 x 5 1/2
Dozen in Case	2	2
Per Dozen	\$10.50	13.50

CLUB SPITTOONS



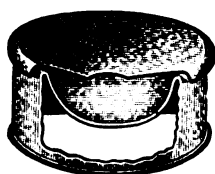
No.	100
Size, Inches	8 x 4
Dozen in Case	2
Per Dozen	\$15.00

BASTING SPOONS



Size, Inches	10	12	14	16	18
Dozen in Case	12	12	12	12	12
Per Dozen	\$2.00	2.25	2.50	2.75	3.00

HOTEL SPITTOONS



Extra Heavy, Seamless.

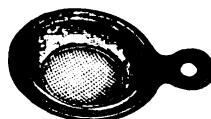
No.	150
Size, Inches	9 1/2 x 4 1/2
Dozen in Case	1
Per Dozen	\$30.00

GRAVY STRAINERS



No.	2
Size, Inches	4 1/4 x 1 1/2
Dozen in Case	6
Per Dozen	\$4.00

HANDY STRAINERS



Tinned Wire Bottoms.

No.	140
Size, Inches	4
Dozen in Case	24
Per Dozen	\$1.50

CAKE TURNERS



Flat Handle.

Nos.	13	14
Size, Inches	4 x 3	4 1/2 x 3 1/2
Dozen in Case	6	6
Per Dozen	\$2.00	2.25

STEAMERS



Enameled Cover.

Nos.	7	8	9
Size, Inches	9 1/2	10 1/2	11 1/4
Doz. in Carton.	1/4	1/4	1/4
Per Dozen	\$14.00	16.00	18.00

TEA STEEPERS



Seamless, Low Pattern, Retinned Cover.

Nos.	2	3
Trade Capacity, Pts.	1 1/2	2
Size, Inches	4 1/2 x 3	5 1/4 x 3 5/8
Dozen in Carton.	3	3
Per Dozen	\$5.50	6.50

JELLY STRAINERS



No.	20
Size, Inches	4 1/4 x 2 1/4
Dozen in Case	12
Per Dozen	\$3.75

FEMALE URINALS



No.	1
Dozen in Case	1
Per Dozen	\$25.00

MALE URINALS



No.	2
Dozen in Case	1
Per Dozen	\$22.50

COPPER WASH BOILERS

ROME



14 Oz. Polished Copper, Swaged Body, Double Seamed Flat Bottom, One-Piece Seamless Cover with Wood Grip, Stationary Hook Handles.

Nos.	148	149
Size	8	9
Inches	21 1/2 x 11 1/2	22 1/2 x 12
Weight Per Dozen, Lbs.	220	240
Per Dozen	\$70.00	74.00



16 Oz. Polished Copper, Swaged Body, Double Seamed Flat Bottom, One-Piece Seamless Cover with Wood Grip, Stationary Hook Handles.

Nos.	0169	
Size	9	
Inches	22 1/2 x 12	
Weight Per Dozen, Lbs.	250	
Per Dozen	\$84.00	

No. 0169N.P.—Same as No. 0169, but Nickel Plated..\$87.00

CREAM CITY



Polished Copper, Flat Bottom, Deep Stamped Wired Rim Cover, Stationary Wood Handles, Handy Grip Attachment.

Nos.	1628	1629
Ounces	12	12
Inches	21 1/2 x 11 1/2	23 1/4 x 12 1/2
Weight Per Dozen, Lbs.	170	180
Per Dozen	\$60.00	64.00

Nos.	1728	1729
Ounces	14	14
Inches	21 1/2 x 11 1/2	23 1/4 x 12 1/2
Weight Per Dozen, Lbs.	181	191
Per Dozen	\$70.00	74.00



Polished Copper, Flat Bottom, Deep Stamped Wired Rim Cover, Stationary Wood Handles, Handy Grip Attachment.

Nos.	1908	1909
Ounces	16	16
Inches	21 1/2 x 11 1/2	23 1/4 x 12 1/2
Weight Per Dozen, Lbs.	191	204
Per Dozen	\$80.00	84.00

Extra Large.

No.	V9
Ounces	16
Inches	23 1/2 x 12 1/2
Weight Per Dozen, Lbs.	216
Per Dozen	\$90.00



Superior, Polished Copper, Heavily Tinned Inside, Flat Copper Bottom, Pieced Cover, Stationary Wood Hook Handles.

Nos.	0628B	629B
Ounces	12	12
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Weight Per Dozen, Lbs.	150	165
Per Dozen	\$54.00	58.00



Superior, Polished Copper, Heavily Tinned Inside, Flat Copper Bottom, Pieced Cover, Stationary Wood Hook Handles.

Nos.	0728B	729B
Ounces	14	14
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Weight Per Dozen, Lbs.	156	170
Per Dozen	\$57.00	61.00

NICKEL PLATED WARE

TEA KETTLES

ROME



Flat Bottom, Swaged Body.

14 Oz. Copper, Nickel Plated, Tinned Inside, Straight Spout, $\frac{1}{8}$ inch Diameter Round Wire Handle.

Nos.	37	38	39
Diameter, Inches	8 $\frac{1}{2}$	9 $\frac{1}{2}$	10 $\frac{1}{2}$
Weight Per Dozen, Lbs.	44	50	56
Per Dozen	\$20.00	21.50	23.00

One-quarter Dozen in a Box.



Flat Bottom, Swaged Body.

18 Oz. Copper, Nickel Plated, Tinned Inside, Straight Spout, $\frac{1}{8}$ inch Diameter Half Round Wire Handle, Attractive Dome Cover.

Nos.	038	039
Diameter, Inches	9 $\frac{1}{2}$	10 $\frac{1}{2}$
Weight Per Dozen, Lbs.	58	64
Per Dozen	\$35.00	37.00

One-quarter Dozen in a Box.



Flat Bottom, Swaged Body.

12 Oz. Copper, Nickel Plated, Tinned Inside, Straight Spout, $\frac{1}{4}$ inch Diameter Round Wire Handle.

No.	179
Diameter, Inches	10 $\frac{1}{2}$
Weight Per Dozen, Lbs.	49
Per Dozen	\$22.00

One-quarter Dozen in a Box.



Flat Bottom, Swell Body.

20 Oz. Copper, Nickel Plated, Tinned Inside, Seamless Curved Spout, Sheet Brass Handle, Attractive Dome Cover.

No.	0839
Diameter, Inches	10 $\frac{1}{2}$
Weight Per Dozen, Lbs.	68
Per Dozen	\$48.00

One-quarter Dozen in a Box.

RANGE TEA KETTLES



Berlin—XX Block Tin, Nickel Plated, Flat Bottom, Fancy Spout, One Piece Steel Bail, Enameled Handle.

Nos.	20	30
Quarts	2 $\frac{1}{2}$	3 $\frac{1}{2}$
Inches	6 $\frac{1}{4}$	7 $\frac{1}{4}$
Per Dozen	\$7.00	7.75



Parlor—Brass, Nickel Plated, Engraved, Flat Bottom, Fancy Spout, Enameled Handle.

Nos.	020	030
Quarts	3	4
Diam. Bottom, In.	6 $\frac{3}{4}$	7 $\frac{1}{2}$
Per Dozen	\$18.00	21.00



Nickel Plated, Engraved Sides, Enameled Handle.

Nos.	376	377
Diam. Bottom, In.	6	7
Per Dozen	\$13.50	15.00

NICKEL PLATED WARE

TEA POTS



18 Oz. Copper, Nickel Plated, Body Drawn Out of One Piece of Metal, Tinned Inside, Nickel Plated Sheet Brass Handles and Knobs Securely Fastened by Cut Thread Machine Screws and Tinned Brass Eyelets.

Nos.	2103	2104	2105
Pints	3	4	5
Wt. Per Dozen, Lbs....	25	30	34
Per Dozen	\$32.00	36.00	40.00

One in a Box.

COFFEE POTS



18 Oz. Copper, Nickel Plated, Body Drawn Out of One Piece of Metal, Tinned Inside, Nickel Plated Sheet Brass Handles and Knobs Securely Fastened by Cut Thread Machine Screws and Tinned Brass Eyelets.

Nos.	2152	2153	2154	2155
Pints	3	3	4	5
Wt. Per Dozen, Lbs....	23	25	30	34
Per Dozen	\$30.00	32.00	36.00	40.00

One in a Box.

TEA POTS



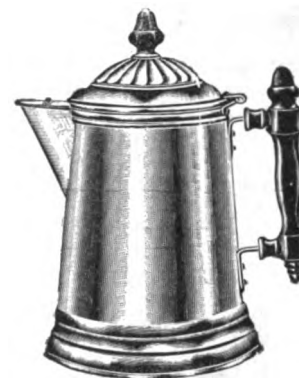
Double Seamed Perfectly Flat Bottom.

Heavy Copper, Nickel Plated, Tinned Inside. Reinforced Wired Top, Embossed Cover, Swaged Body, End of Spout Wired to Prevent Jamming, Heavy Hinge Riveted to Cover and Pot Body with Stop to Prevent Cover Striking Handle, Enameled Wood Handle, Riveted and Soldered to Body.

Nos.	1103	1104	1105	1106
Pints	3	4	5	6
Wt. Per Dozen, Lbs....	21	24	27	28
Per Dozen	\$15.00	16.00	18.00	20.00

One in a Box.

COFFEE POTS



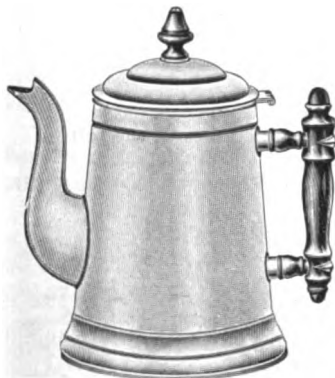
Double Seamed Perfectly Flat Bottom.

Heavy Copper, Nickel Plated, Tinned Inside, Reinforced Wired Top, Embossed Cover, Swaged Body, Hinged Cover to Lip, Heavy Hinge Riveted to Cover and Pot Body with Stop to Prevent Cover Striking Handle, Enameled Wood Handle Riveted and Soldered to Body.

Nos.	1153	1154	1155	1156	1158
Pints	3	4	5	6	8
Wt. Per Dozen, Lbs.	21	24	27	28	32
Per Dozen	\$15.00	16.00	18.00	20.00	24.00

One in a Box.

TEA POTS



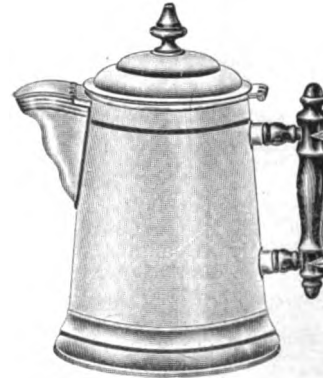
Double Seamed Perfectly Flat Bottom.

Copper, Extra Heavily Nickel Plated, Tinned Inside, Plain Dome Cover, Swaged Body, End of Spout Wired to Prevent Jamming, Ebonized Wood Handle and Knob Riveted to Body.

Nos.	1203	1204	1205	1206
Pints	3	4	5	6
Wt. Per Dozen, Lbs....	22	25	28	29
Per Dozen	\$16.00	17.00	19.00	21.00

One in a Box.

COFFEE POTS



Double Seamed Perfectly Flat Bottom.

Copper, Extra Heavily Nickel Plated, Tinned Inside, Plain Dome Cover, Swaged Body, Hinged Cover to Lip, Ebonized Wood Handle and Knob Riveted to Body.

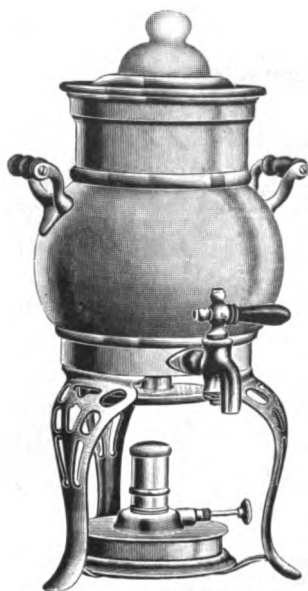
Nos.	1253	1254	1255	1256	1258
Pints	3	4	5	6	8
Wt. Per Dozen, Lbs.	22	25	28	29	33
Per Dozen	\$16.00	17.00	19.00	21.00	26.00

One in a Box.

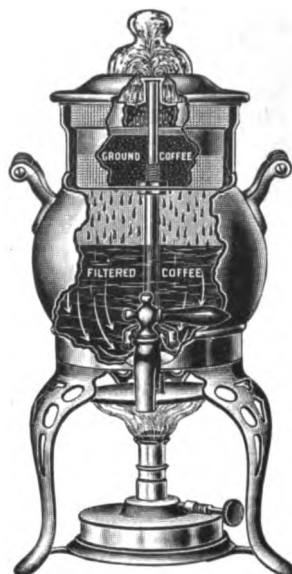
NICKEL PLATED WARE

COFFEE PERCOLATING MACHINES

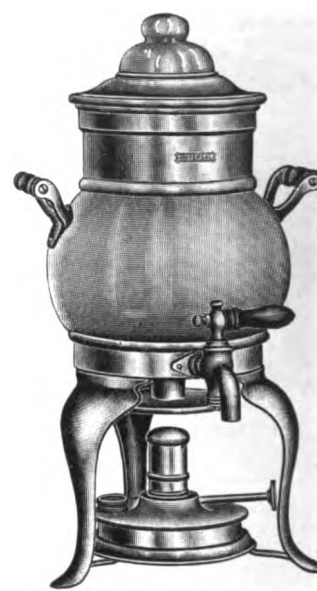
UNIVERSAL



Nos. 004N to 009N.



Sectional View Showing Operation.



No. 06N.

One-Piece Seamless Copper Body, Nickel Plated, Inside Coated with Pure Tin, Silver Finished, Aluminum Spreader Plate, Tube and Valve, Safe and Efficient Alcohol Lamp, Ebonized Handles, Glass Top.

Nos.	004N	006N	009N
Capacity, Cups	4	6	9
Height Over All, Inches	12 1/2	13 1/2	14 5/8
Weight Each, Lbs.	8	8 1/2	9 1/2
Each	\$9.25	10.50	11.75

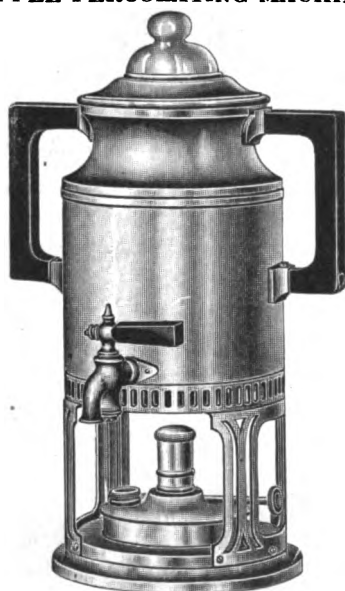
One in a Box.

COFFEE PERCOLATING MACHINES

No.	06N
Capacity, Cups	6
Height Over All, Inches	13 5/8
Weight Each, Lbs.	8 3/4
Each	\$8.50

One in a Box.

UNIVERSAL COFFEE PERCOLATORS



Copper Body and Cover, Nickel Plated, Inside Coated with Pure Tin, Interior Parts Pure Aluminum, Ebonized Handle, Glass Top.

Nos.	56	58	510
Capacity, Cups	6	8	10
Height Over All, Inches	8 3/4	9 1/2	10
Weight Each, Lbs.	3 3/4	4	4 1/2
Each	\$3.50	4.00	4.50

One in a Box.

PARTS OF UNIVERSAL COFFEE PERCOLATORS

For Percolators, Nos.	56	58	510
Body with Spout and Bracket, Nos.	56	58	510
Each	\$1.75	1.75	1.75
Handle, Nos.	266	269	510
Each	\$0.15	.15	.15
Base or Heater Plate, Nos.	56	56	56
Each	\$0.50	.50	.50
Cover, Nos.	44	48	48
Each	\$0.25	.25	.25
Filter Cup, Nos.	44	48	48
Each	\$0.35	.35	.35
Spreader Plate, Nos.	4	6	6
Each	\$0.15	.15	.15
Tube, Complete with Valve, Nos.	56	46	510
Each	\$0.50	.50	.50

Per Dozen

One-Piece Seamless Copper Body, Inside Coated with Pure Tin, Silver Finished Aluminum Spreader Plate, Tube and Valve, Safe and Efficient Alcohol Lamp, Ebonized Handles, Glass Top.

Nickel Plated.

Nos.	706N	709N
Capacity, Cups	6	9
Height Over All, Inches	13 5/8	14 5/8
Weight Each, Lbs.	8 3/4	10
Each	\$12.50	13.75

Polished Copper.

Nos.	706C	709C
Capacity, Cups	6	9
Height Over All, Inches	13 5/8	14 5/8
Weight Each, Lbs.	8 3/4	10
Each	\$12.50	13.75

One in a Box.

Extra Glass Tops—For Above Percolators

Extra Stove Plates—For Above Percolators

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NICKEL PLATED WARE

ROME COFFEE PERCOLATORS

1. Retainer Ring. This is a ring made of copper, nickel plated, which fits tightly into the top of the pot and holds the pump firmly in place. There is no rattling of loose parts. It also prevents the pump from falling out when pouring the coffee, a fault common to most percolators.

TAPER PATTERN



2. The coffee receptacle is strongly held by braces inside and outside. It will not get loose or break at this point.
 3. The pumping valve sets down on the bottom of the pot. The bottom is corrugated in order to give more heating surface and hasten the action of the pot.
 4. Aroma Trap. A tube closed at the top conducts the liquid to the spout. This feature effectually prevents the aroma from escaping.
 5. End of spout is wired to prevent jamming.
 6. The heavy brass hinge is neatly and firmly soldered to the pot.

7. "Rome" patent handle fastening. It is entirely of metal and is the best handle fastening yet devised.

A steel ring plate is furnished with every "Rome" Percolator. This plate aids to concentrate the heat under the pump valve and also prevents injury to the pot when used on a gas stove.

Heavy Copper, Nickel Plated, and Beautifully Finished, Pot Tinned Inside, Glass Top, Swaged Body, Aluminum Pump and Basket, Always Cold Ebonized Wood Handles.

Nos.	1224
Capacity, Cups	6
Weight Each, Lbs.	3
Per Dozen	\$42.00

Nos.	1225
Capacity, Cups	9
Weight Each, Lbs.	3 1/4
Per Dozen	46.00
One in a Box.	

LOW PATTERN



18 Oz. Copper, Nickel Plated, and Beautifully Finished, Pot Tinned Inside, Glass Top, Plain Body, Aluminum Pump and Basket, Always Cold Ebonized Wood Handles with Metal Ferrule at Bottom to Prevent it Being Burned.

Nos.	2024	2026
Capacity, Cups	6	9
Weight Each, Lbs.	3 1/4	3 1/2
Per Dozen	\$50.00	60.00

One in a Box.



CHAFING DISHES

COLUMBIA

Food Pan and Cover Made of Heavy Copper and Lined with Extra Heavy Coat of Pure Tin. Legs and Bases Cast Brass, Powerful Blow Flame, Alcohol Gas Stove, Artistic Design and General Air of Distinction.



Nickel Plated, Ebonized Handle and Knob. Each	
No. 210N—3 Pints, 10 1/2 Inches High Over All, Weight	
Each 8 3/4 Lbs.	\$8.50
One in a Box.	

Nickel Plated, Ebonized Handle and Knob. Each	
No. 250N—3 Pints, 10 1/2 Inches High Over All, Weight	
Each 8 3/4 Lbs.	\$11.50
One in a Box.	

CHAFING DISH SPOONS AND FORKS

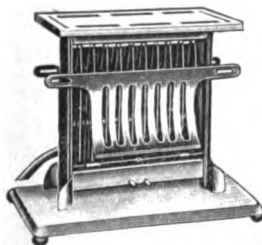


No. 400S—Spoon, 12 Inches Long, German Silver, Silver Plated, Ebonized Handle, Weight 1 1/4 Lbs.	Each \$2.50
One in a Box.	



No. 400F—Fork, 12 Inches Long, German Silver, Silver Plated, Ebonized Handle, Weight 1 1/4 Lbs.	Each \$2.50
One in a Box.	

UNIVERSAL ELECTRIC TOASTERS

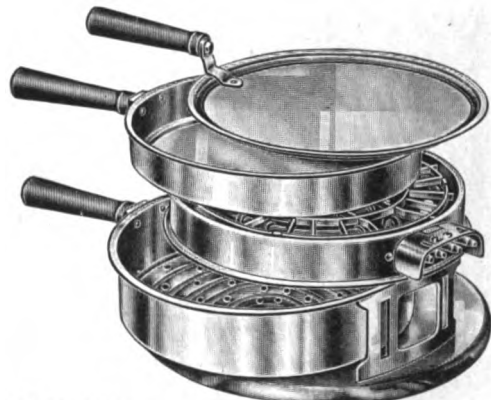


The "Universal" Safety Fuse Plug prevents the possibility of burning out the heating elements.

The "Universal" Connecting Plugs and Terminals are of superior material and construction and practically "Arc-Proof."

No. E946N—340 Watts, 110 Volts, 6 1/4 Inches High, 7 1/2 Inches Long, 3 1/2 Inches Wide, Full Nickel Plated, Complete with 6 Feet Mercerized Silk Finish Flexible Cord	Each \$4.00
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Weight Each 2 1/2 Pounds.
One in a Box



ELECTRIC ROUND UNIVERSAL GRILLS

Nickel Plated Frame, Ebonized Handles, Fibre Feet, Four Heats, 560 Watts Both Coils Hot, 310 Watts Center Coil Hot, 250 Watts Outside Coil Hot, 140 Watts Both Coils Warm.

No. E984N—3 Pans, 8 Inch Diameter Top, 6 1/2 Inches High Over All, Complete with 6 Feet Green Cord and Seven Point Contact Terminal Plug, Weight Each 6 1/4 Lbs.	Each \$9.00
One in a Box.	

CASSEROLES

Cooking "a la Casserole" has long ceased to be a fad and has now become a matter of custom in up-to-date households. Its uses are too manifold to enumerate.

Cooking and serving in Casseroles, foods retain their natural and delicious flavors.

The Cooking Ware is Rich Brown Glazed Outside, Milk White Porcelain Lined Inside.

ROUND



Receiver Nickel Plated on Brass.			
Nos.	717	718	719
Capacity, Pints	2 1/4	3	4
Diameter, Inches	7	8	9
Each, Complete	\$2.40	2.50	3.00
One in a Carton.			

OVAL



Receiver Nickel Plated on Brass.			
Nos.	728	729	
Capacity, Pints	3	5	
Size, Inches	8 1/2 x 6	10 x 7	
Each, Complete	\$2.75	3.00	
One in a Carton.			

AU GRATIN DISH



A Low Oval, Adapted for Serving Small Portions.

Receiver Nickel Plated on Brass.

No. 749—Capacity 1 1/2 Pints, 9 inches Long, 6 1/4 inches	Each
Wide, Complete	\$2.00

One in a Carton.

MEASURING CUPS

GLASS



No. 1150—High Grade Pot Glass, Graduated Thirds on	Per Dozen
One Side, Fourths on the Other	\$1.20

CUSTARD OR BEAN CUPS



Receiver Nickel Plated on Brass.

No. 773—Capacity 5 1/2 Oz., Diameter 3 inches, Depth	Per Dozen
2 1/8 inches, Complete	\$7.00

One-half Dozen in a Carton.

COFFEE FLASKS

A. B. PATENT

Absolutely sanitary, non-breakable and non-leakable.

Contents never taste of metal.

Can be heated on stove without breaking glass.

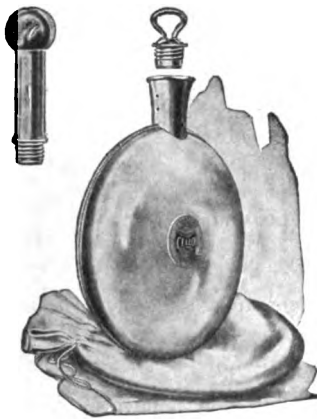
No. A. B.—Crystal Glass, One Pint	Per Dozen
Capacity, Cork Lined Metal	
Screw Cap, Bright Tin Jacket ..	\$1.80



NICKEL PLATED AND COPPER WARE

HOT WATER BOTTLES

CELLO



The Cello All Metal Water Bottle stays hot from bedtime till morning, easy to fill, just hold it under any faucet or tea kettle with the special filling handle.

The neck is always sufficiently cool to handle because of the patent air chamber. A stout, strong spring on the inside takes care of all expansion, contraction and vacuum due to heating and cooling. The shape is comfortably curved to fit any part of the body like a thin round pillow. Will not crack, leak or burst.

Copper, Polished Nickel Finish.

Nos.	200	250	300
Capacity, Quarts..	$\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{2}$
Each	\$2.00	2.50	3.00

Coppered Steel, Polished Nickel Finish.

No.	150
Capacity, Quarts	$1\frac{1}{2}$
Each	\$1.50

TRAYS



Nickel Plated, Carpathian Engraving, Assorted Designs.

No. 300—Round, 13 Inches Diameter	Per Dozen \$14.00
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LIPPED MEASURES



U. S. Standard, Polished Copper, Tinned Inside.

Nos.	341	342	343
Pints	$\frac{3}{4}$	$\frac{1}{2}$	1
Inches	$2\frac{1}{4}$	$2\frac{5}{8}$	$3\frac{1}{4}$
Per Dozen	\$4.00	5.00	7.50

Nos.	344	345	346
Quarts	1	2	4
Inches	$4\frac{1}{4}$	$5\frac{1}{4}$	$6\frac{5}{8}$
Per Dozen	\$10.50	16.00	24.00

CRUMB TRAYS AND SCRAPERS



No. 60—Brass, Nickel Plated...	Per Dozen \$15.00
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One-half Dozen in a Box.

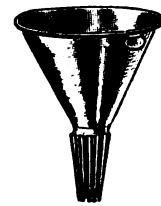
TRAYS



Nickel Plated, Carpathian Engraving, Assorted Designs.

No. 600—Oblong, $10\frac{1}{2}$ x 14 Inch	Per Dozen \$7.00
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FUNNELS



Heavy Polished Copper, Tinned Inside.

Nos.	00	01	02
Trd. Cap., Pts...	$\frac{1}{4}$	$\frac{1}{2}$	1
Inches	$2\frac{5}{8}$	$3\frac{3}{8}$	$4\frac{3}{8}$
Per Dozen	\$2.75	3.50	4.00

Nos.	03	04	05
Trd. Cap., Qts...	1	2	4
Inches	$5\frac{5}{8}$	$6\frac{3}{8}$	$7\frac{3}{4}$
Per Dozen	\$7.00	9.50	14.00

CRUMB TRAYS AND BRUSHES



No. 15—Brass, Nickel Plated...	Per Dozen \$20.00
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One-half Dozen in a Box.

TRAYS



Nickel Plated, Carpathian Engraving, Assorted Designs.

No. 900—Oblong, $10\frac{1}{2}$ x 14 Inch	Per Dozen \$10.00
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NICKEL PLATED AND BRASS WARE

CUSPIDORS



Self-Righting, Loaded Bottom.

No. 210—7 $\frac{3}{4}$ x 4 $\frac{1}{4}$ inches, Nickel Plated.....**\$4.50**

Per Dozen

One-twelfth Dozen in a Package.



Self-Righting, Loaded Bottom.

No. 72—7 $\frac{3}{4}$ x 4 $\frac{1}{2}$ inches, Brass, Nickel Plated.....**\$12.00**

Per Dozen

One-twelfth Dozen in a Package.



Self-Righting, Loaded Bottom.

No. 55—8 x 5 $\frac{1}{4}$ inches, Brass, Nickel Plated.....**\$18.00**

Per Dozen

One-twelfth Dozen in a Package.



Extra Heavy, Self-Righting.

No. 82—Brass, Polished, Height 6 $\frac{1}{2}$ inches, Diameter of Top 11 inches.....**\$45.00**

Per Dozen

One-twelfth Dozen in a Package.



Self-Righting, Soldered Center Seam.

No. 25—Leader, Spun Brass, Polished, Height 7 $\frac{1}{4}$ inches, Diameter of Body 7 inches, Diameter of Top 5 $\frac{1}{2}$ inches, Diameter of Bottom 4 inches, Weight 2 $\frac{1}{4}$ Lbs.....**\$18.00**

Per Dozen

One-twelfth Dozen in a Package.



Self-Righting, Heavy Loaded Bottom.

No. 1220—Eclipse, Brass, Beautifully Finished, Height 12 inches, Diameter of Top 9 inches, Weight 8 Lbs.....**\$48.00**

Per Dozen

One-twelfth Dozen in a Package.



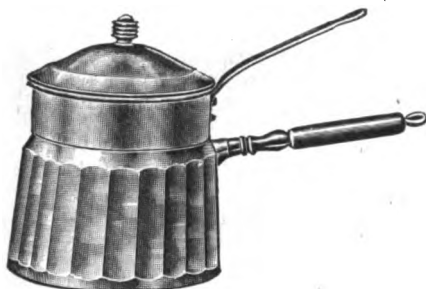
Per Dozen

No. 28—Sanitary, Spun Brass, Polished, Hard White Enameled Steel Inner Receptacle, Height 5 $\frac{1}{4}$ inches, Diameter of Body 8 $\frac{3}{4}$ inches, Diameter of Top 8 $\frac{1}{2}$ inches, Diameter of Bottom 9 $\frac{5}{8}$ inches, Weight 3 $\frac{1}{4}$ Lbs.....**\$50.00**

One-twelfth Dozen in a Package.

CAST ALUMINUM WARE

RICE BOILERS

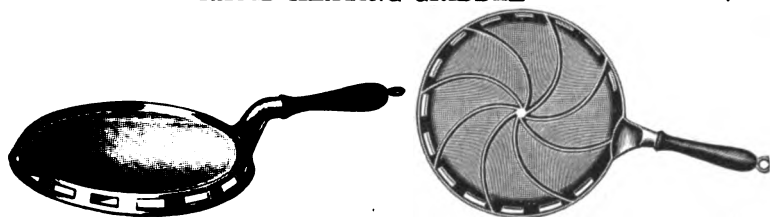


Flat Bottom, Enameled Wood Handle.

Quarts	1	2	3
Each	\$2.75	3.50	4.40

The cover to the top pan of this Rice Boiler will fit the cast aluminum boiler, thereby enabling either top or bottom pan to be used as a sauce pan for general cooking.

RAPID HEATING GRIDDLE



Bottom of Griddle.

Enameled Wood Handle.

Nos.	10R	11R
Diameter, Inches	10	11
Each	\$2.75	3.00

This Rapid Heating Griddle is so constructed that the heat is equalized to every part of the surface, thereby requiring less fuel than any other style.

BAILED GRIDDLES



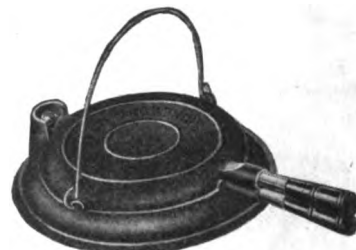
Nos.	10	12	14
Diameter, Inches.	10 1/2	12	14
Each	\$2.10	2.50	3.20



High Frame, Square, for Vapor and Gas Stove.

No.	10
Size, Inches	9x9
Each	\$3.25

WAFFLE MOULDS



Aluminum Pans, Iron Rings, Satin Finish.

No.	8
Each	\$3.00

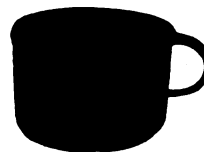
BERLIN KETTLES



With Cast Aluminum Cover.

Nos.	3	4
Pints	8 1/2	10
Each	\$3.85	4.35

LARGE CUPS



Cast in One Piece.

No. 4—2 1/2 x 3 7/8 inch Bowl	Per Dozen
	\$6.50

They are desirable particularly for public drinking fountains, as they are almost indestructible.

LONG GRIDDLES



Nos.	8	9
Size, Inches	8 7/8 x 19 1/4	10 x 21 3/8
Each	\$3.70	5.25

LIPPED KETTLES

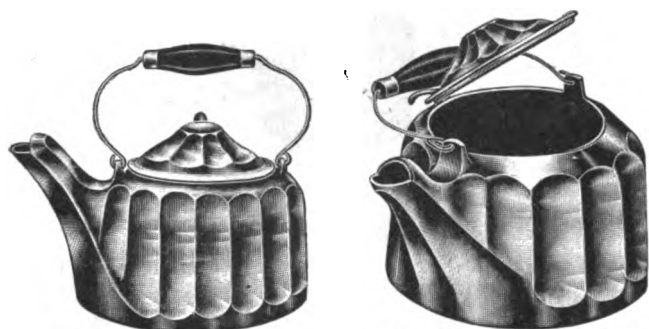


Cast in One Piece.

Quarts	4	6	8	10	12
Each	\$2.90	3.30	4.30	5.20	5.80

CAST ALUMINUM WARE

TEA KETTLES



Showing Automatic Lid.

New Colonial Pattern.

Flat Bottom, Cast in One Piece, no Rivets or Seams, Enameled Wood Handle.

Nos.	6	7	8	9
Stove Size	6	7	8	9
Each	\$3.60	3.95	4.25	4.75

A novel feature of this new Aluminum Tea Kettle is the lid which is opened and closed by pressing the ball. This makes it impossible to scald the hands.

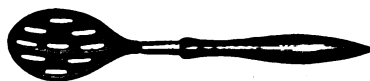


Sidney Pattern, Hinged Cover.

Flat Bottom, Plain Smooth Surface, Cast in One Piece, no Rivets or Seams, Enameled Wood Handle.

Nos.	06	08
Quarts	6	8
Each	\$4.25	4.75

CAKE OR EGG BEATERS



Rubberoid Handle.

Inches	12
Per Dozen	\$5.25

GRAVY LADLES



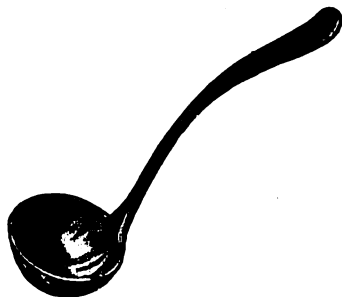
Inches	6 5/8
Per Dozen	\$4.50

TOM AND JERRY LADLES



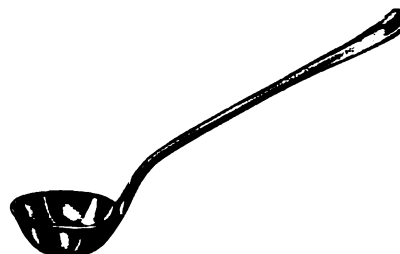
Inches	11 1/2
Per Dozen	\$7.00

SOUP LADLES



Inches	9 5/8
Per Dozen	\$8.00

LONG HANDLED LADLES



Nos.	1	2
Inches	12	15
Per Dozen	\$7.50	9.50

BASTING SPOONS



With Hook.

No.	5
Inches	11 1/2
Per Dozen	\$4.00

The hook prevents the spoon from sliding into the vessel or dish and is also used as a finger piece to prevent the spoon from turning when stirring batter.

BASTING SPOONS



With Eyelet.

No.	4
Inches	13 1/2
Per Dozen	\$3.80

BASTING SPOONS

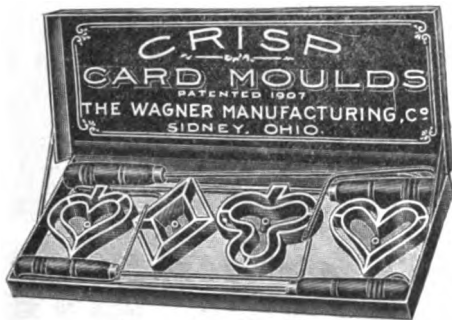


Nos.	1	2
Inches	11	13
Per Dozen	\$3.00	3.50

Fruits and Acids have no Effect on Aluminum Ladles.

CAST ALUMINUM WARE

CRISP CARD MOULDS



Extension Handles.

Crisp Card Moulds—Cast Aluminum, Heart, Diamond, Club and Spade Shapes.....\$1.35

Per Set

CRISP PATTY MOULDS



Extension Handles.

Crisp Patty Moulds—Cast Aluminum, Heart and Round Shapes, Enameled, Wood Grips.....\$1.25

Per Set

DEEP SAUCE PANS



Rubberoid Handle.

Nos.	2	3	4
Quarts	2	3	4
Each	\$2.30	2.60	2.90

TEA POTS



Colonial Pattern, Cast in One Piece, Rubberoid Handle.

Pints	2	3	4
Each	\$3.45	3.60	3.75

These Pots are absolutely without a seam or rivet, except the rivet used to connect the lid. The lugs for the handle are cast to the body and cannot get loose.

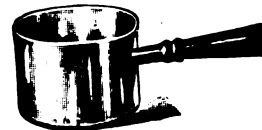
DUTCH OVENS



Cast Aluminum.

Nos.	8	9	10
Inches	10 1/4	11 3/8	12 3/8
Each	\$4.85	5.20	6.75

NURSERY SAUCE PANS



Rubberoid Handle.

Nursery Sauce Pan—2 1/2 x 3 7/8 inch Bowl.....\$9.00

Per Dozen

Convenient for Nursery or Tourist.

COFFEE POTS



Colonial Pattern, Cast in One Piece, Rubberoid Handle.

Quarts	1 1/2	2	3	4
Each	\$3.50	3.65	4.00	4.50

OVAL ROASTERS



Cast Aluminum, Plain Inside.

Nos.	3	5	7	9
Inches	8x12 1/2	9 1/4 x14 1/2	10 7/8 x15 5/8	12 1/4 x18 3/8
Each	\$4.50	6.00	7.50	11.00

SKILLETS

Rubberoid Handle.

Nos.	5	6	7	8	9	10
Diameter, not Including Lip, Inches...	7 5/8	8 5/8	9 1/2	10 1/4	11	11 1/4
Each	\$1.70	1.85	1.95	2.15	2.45	3.25



This is without a doubt the handsomest skillet in the market. It has round sides and a rim on the bottom to equalize the heat.

STAMPED ALUMINUM WARE

DOUBLE BOILERS



Polished, Aluminum Cover.

Nos.	5121 1/2	5122	5123
Cap. In. Pan, Qts..	1 1/2	2	3
Cap. Out. Pan, Qts.	2	3	4
Each	\$1.80	2.00	2.40

DRINKING CUPS



Dip Finish.

No. 2265D—Capacity 4 Oz., Diameter Top (Outside) 2 1/2 inches, Depth (Inside) 1 3/4 inches	Per Dozen
One Dozen in a Carton.	\$0.90

DRINKING CUPS



Polished.

No. 2295—2 1/4 x 3 inches, Capacity 1/2 Pint	Per Dozen
No. 2296—2 7/8 x 3 7/8 inches, Capacity 1 Pint	\$2.50
	4.00

MEASURING CUPS



Satin Finish.

No. 2310S—2 5/8 x 2 7/8 inches, Capacity 1/2 Pint	Per Dozen
One Dozen in a Carton.	\$1.50

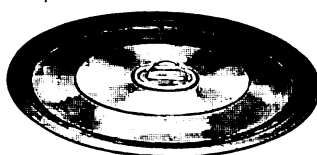
COLANDERS



Polished.

Nos.	5025	5026
Diam. Top, Inches..	9 1/2	11 3/4
Height, Inches	5	4 5/8
Per Dozen	\$12.00	18.00

POT COVERS



No. 5505L—Polished.

Diam., Inches.	6 1/4	6 7/8	7 3/4	8
Per Dozen	\$1.50	2.00	2.20	2.30

Diam., Inches.	8 1/2	9	9 1/2	10 1/8
Per Dozen	\$2.40	2.50	3.00	3.50

Diam., Inches.	10 1/2	11	11 1/4	12
Per Dozen	\$3.80	4.40	4.70	5.00

BISCUIT CUTTERS



Satin Finish, Natural Finished Wood Handle.

No. 235—Assorted Sizes, Three	Per Dozen
2 1/2 inch, Six 3 inch, Three	
3 1/2 inch	\$1.50

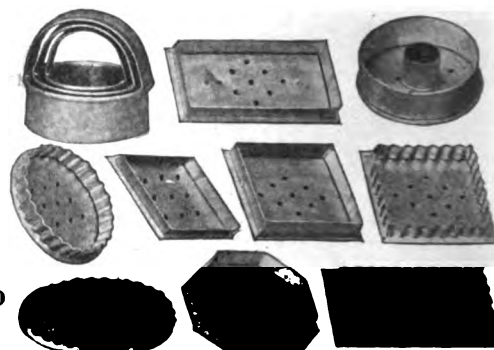
COMBINATION COOKIE AND DOUGHNUT CUTTER



Polished, Natural Finish Wood Handle.

No. 2578P—3 inches High, 2 3/4 inch Diameter	Per Dozen
	\$1.60

COOKIE AND BISCUIT CUTTERS



Dip Finish.

No. 2574—12 Different Designs, 9 for Cookies and 3 for Biscuits	Per Dozen
	\$1.50

One Set in a Box.

WATER DIPPERS



Bowls Polished, Handles Dip Finish.	
Nos.	2986 2987
Pints	1 2
Length, Inches	13 1/4 14 1/4
Diam. Bowl, Inches...	5 6
Per Dozen	\$4.30 5.40

One Dozen in a Carton.

FUNNELS



Polished.

Nos.	2911	2912	2914	2916
Capacity, Oz....	2	4	8	1
Dia. Top, In... 2 5/8	3 1/8	4	5 1/4	
Dia. Bott'm, In. 5/8	3/8	1/2	5/8	
Each	\$0.20	.25	.35	.48

FRUIT FUNNELS

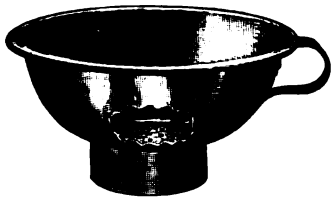


Dip Finish.

No.	2980
Capacity, Oz.	6
Diam. Top (Outside), Inches...	3 3/4
Diam. Bottom (Outside), In...	1 3/4
Per Dozen	\$1.20

STAMPED ALUMINUM WARE

COMBINATION STRAINER FUNNELS



Polished, Inside Scratch Finish, Strainer Part Removable.

No.	2985
Capacity, Pints	1
Diam. Top (Outside), Inches..	5 1/2
Diam. Bottom (Outside), Inches	2 1/2
Per Dozen	\$2.00

TOOTHPICK HOLDERS



Combination Satin and Polish Finish.

No. 2451—2 inches High, 2 1/2 inch Diameter, Loaded Bottom, Satin Finished Upper Part, Polished Lower Part..	Per Dozen	\$1.20
One Dozen in a Carton.		

ROME TEA KETTLE



Flat Bottom, Pure Sheet Aluminum, Solid 1/8 inch Continuous Aluminum Bail, Extra Heavy Aluminum Ears, Tuscan Rosewood Finish Grip and Knob, Dome Cover.

Nos.	5337	5338	5339
Quarts	5	6	8
Diameter, Inches..	8 1/2	9 1/2	10 1/2
Each	\$5.00	5.75	6.25

TEA KETTLE



Polished Ebony Handle and Knob.

No.	5037
Quarts	7
Diameter Bottom, Inches.....	9 3/4
Each	\$3.80

BERLIN KETTLES



Polished, Aluminum Cover, Ebony Knob.

Nos.	5093	5094	5096
Quarts	3	4	6
Diam. Top, In.	7 5/8	8 3/4	9 3/4
Diam. Bottom, In.	6 1/4	7	7 3/4
Depth, Inches ...	4 1/2	4 3/4	5 1/2
Each	\$1.40	1.60	2.00

Nos.	5098	5100
Quarts	8	10
Diam. Top, In.	10 1/2	11 3/4
Diam. Bottom, In.	8 1/4	8 1/2
Depth, Inches ...	6 1/2	6 3/4
Each	\$2.40	2.70

PRESERVING KETTLES



Polished.

Nos.	5052	5053	5054	5055
Cap., Qts.	2	3	4	5
Dia. Top, In.	7 5/8	8 3/4	9	10
Dia. Bott., In.	5 1/2	6 1/4	6 3/4	7 1/2
Depth, In.	3 1/4	4	4 1/4	4 3/4
Each	\$0.80	1.00	1.40	1.50

Nos.	5056	5058	5060	5062
Cap., Qts.	6	8	10	12
Dia. Top, In.	10	11 1/4	12	13 1/4
Dia. Bott., In.	7 1/2	8 3/4	8 1/2	9 3/4
Depth, In.	5 1/4	6	6 1/4	6 3/4
Each	\$1.60	2.00	2.40	2.70

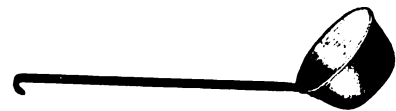
MEASURES



Bright Finish Outside, Cast Aluminum Handle.

Nos.	109	110
Quarts	1/2	1
Each	\$1.10	1.30

LADLES



Polished.

No. 2983 — Capacity 1/2 Pint, Length 13 3/4 inches, Diameter Top (Outside) 3 3/4 inches	Per Dozen	\$1.60
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SPUTUM MUG



Satin Finish, Top Plate Polished, in Three Parts, Easy to Clean and Sanitary.

No. 1945—Diameter of Top 3 3/4 inches, Height 2 1/4 inches..	Each	\$0.40
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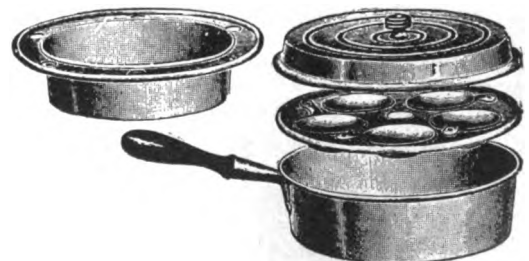
WATER PITCHERS



Polished.

No. 2756—Capacity 3 Quarts, Height 10 inches.....	Each	\$5.00
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EGG POACHERS

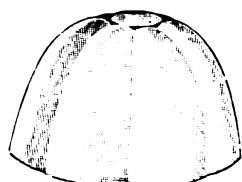


Bright Finish, Wood Handle in Cast Aluminum Socket.

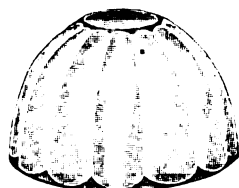
No. 6—5 Cups, Diameter 10 inches, Combination Egg Poacher, Bake Dish and Deep Fry Pan	Each	\$4.50
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STAMPED ALUMINUM WARE

INDIVIDUAL JELLY MOULDS



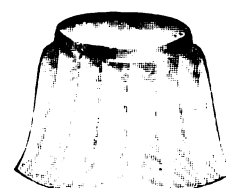
No. 2841.



No. 2842.



No. 2843.



No. 2844.



No. 2845.



No. 2846.



No. 2847.



No. 2848.

Nos.	2841
Capacity, Oz.	3 1/4
Per Dozen	\$0.80

Dip Finish.

2842	2843	2844	2845	2846	2847	2848
3 1/4	3 1/2	2 3/4	2 3/4	3 1/4	3 1/2	3 1/2
.80	.80	.80	.80	.80	.80	.80

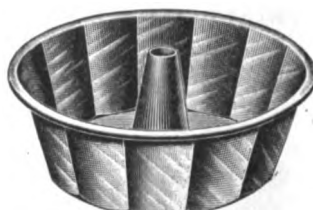
JELLY MOULDS

TURBAN CAKE MOULDS



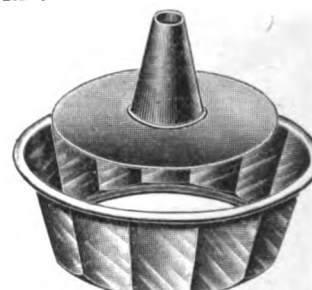
Dip Finish.

Nos.	2840	2830
Capacity	1 Pt.	1 Qt.
Diam. Top, Inches.	5 3/8	6 3/8
Depth (Inside), Inches.	2 5/8	3 1/8
Per Dozen	\$2.00	4.40



Polished.

Nos.	5392	5393
Diam. Top (Outside), In.	9	9 7/8
Diam. Bottom (Out.), In.	6 1/2	7 1/4
Depth (Inside), Inches.	3	3 1/4
Each	\$1.00	1.10



Polished, Loose Bottom.

Nos.	5402	5403
Diam. Top (Outside), In.	9	9 7/8
Diam. Bottom (Out.), In.	6 1/2	7 1/4
Depth (Inside), Inches.	3	3 1/4
Each	\$1.10	1.20

BERLIN SAUCE PANS

LIPPED SAUCE PANS



Polished, Aluminum Cover, Ebony Knob.

Nos.	5082	5083	5084	5086
Quarts	2	3	4	6
Diam. Top (Outside), In.	6 5/8	7 5/8	8 3/8	9 3/4
Diam. Bottom (Outside), In.	4 3/4	6 1/4	7	7 3/8
Depth (Inside), Inches.	4	4 1/2	4 7/8	5 1/2
Each	\$1.10	1.30	1.50	2.00



Polished.

Nos.	5041	5042	5043	5044	5045
Quarts	1	2	3	4	5
Diam. Top (Outside), In.	6	7 5/8	8 3/8	9	10
Diam. Bottom (Out.), In.	4 1/4	5 1/2	6 1/8	6 7/8	7 1/2
Depth (Inside), Inches.	2 3/4	3 1/4	4	4 3/8	4 7/8
Each	\$0.50	.80	1.00	1.40	1.50

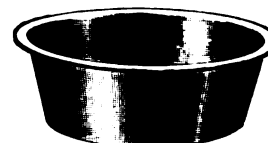
LIPPED FRY PANS

PUDDING PANS



Polished.

Nos.	5131	5132
Diam. Top (Outside), Inches.	9 1/4	10 3/4
Diam. Bottom (Outside), Inches.	7 1/8	8 3/4
Depth (Inside), Inches.	1 3/4	1 3/4
Each	\$1.20	1.60

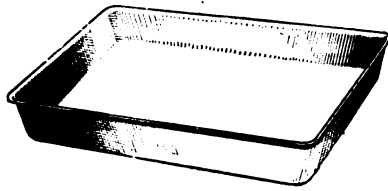


Polished.

Nos.	5111	5112	5113	5114	5115
Quarts	1	2	3	4	5
Diam. Top (Outside), In.	7 3/8	9 1/8	9 7/8	11 3/8	11 3/4
Diam. Bottom (Out.), In.	5 5/8	6 1/2	7 1/4	8 3/8	9
Depth (Inside), Inches.	2 1/2	3 1/8	3 1/4	3 1/2	3 3/8
Each	\$0.40	.65	.75	1.10	1.25

STAMPED ALUMINUM WARE

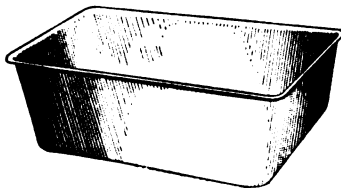
BISCUIT PANS



Dip Finish.

No.	7
Size, Inches	11x7x1 3/4
Each	\$0.80

BREAD PANS



Dip Finish.

No.	5
Size, Inches	9 3/4 x 5 3/4 x 2 3/4
Each	\$0.75

The top of the bread pan fits the inside of the biscuit pan, making an ideal roaster for birds and meats.

JELLY CAKE PANS



Dip Finish, Loose Bottom.

Nos.	5017	5018
Diameter Top (Outside), Inches	8 7/8	9 5/8
Diameter Bottom (Outside), Inches	8 1/8	9
Depth (Inside), Inches	7/8	1
Each	\$0.40	.50

MOUNTAIN CAKE PANS



Polished.

No.	5373
Size, Inches	9 3/8 x 9 x 1 1/2
Each	\$0.50

PIE PLATES

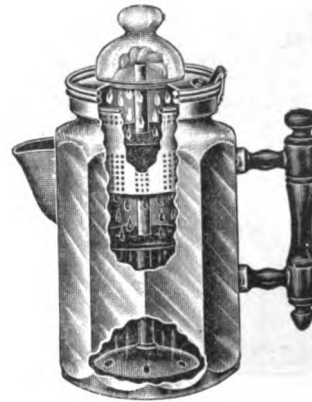


Light Weight

Heavy Weight

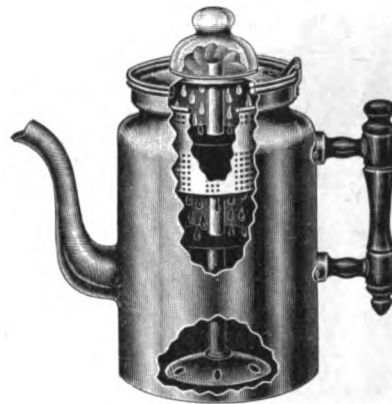
Nos.	Dip Finish	Natural Bright Finish
Size, Inches	5005	5007
Each	10x7 3/8 x 1	9 3/4 x 7 3/4 x 7/8
	\$0.25	.35
		5008
		10 7/8 x 8 5/8 x 1
		.40

COFFEE PERCOLATORS



Polished, Ebony Handle, Glass Top.

No.	5432
Capacity, Quarts	2
Diameter Top (Outside), Inches	4 1/4
Diameter Bottom (Outside), Inches	4 7/8
Depth (Inside), Inches	7 3/8
Each	\$2.20



Polished, Ebony Handle, Glass Top.

Nos.	5182	5183
Capacity, Quarts	2	3
Diam. Top (Outside), Inches	4 1/4	4 7/8
Diam. Bottom (Outside), Inches	4 7/8	5 1/2
Depth (Inside), Inches	7 3/8	8 3/4
Each	\$2.60	3.25



Polished, Ebony Handle, Glass Top.

Nos.	5422	5423
Capacity, Quarts	2	3
Diam. Top (Outside), Inches	4 7/8	5 1/2
Diam. Bottom (Outside), Inches	4	4 1/4
Depth (Inside), Inches	6 1/2	7 1/2
Each	\$3.20	3.80

STAMPED ALUMINUM WARE

COFFEE PERCOLATORS

UNIVERSAL

The "Universal" owes its acknowledged superiority to its patented valve and pumping process which circulates from six to ten times more water than any other percolator.

Its patented filter cup cover evenly distributes the water over all the coffee and extracts a greater amount of coffee essence or strength from each grain.

Percolation is complete before the boiling point is reached, thus eliminating the evil effects and unpleasant taste of boiled coffee.



**Pure Aluminum, Highly Polished, Ebonized Handle,
Glass Top.**

Nos.	466
Capacity, Cups	6
Height Over All, Inches	8
Weight Each, Lbs.	3 1/8
Each	\$4.50

One in a Box.

**Pure Aluminum, Highly Polished, Ebonized Handle,
Glass Top.**

Nos.	476	479
Capacity, Cups	6	9
Height Over All, Inches	9 1/4	10
Weight Each, Lbs.	3 1/2	4
Each	\$5.00	5.50

One in a Box.



Pure Aluminum, Highly Polished, Ebonized Handle, Glass Top.		
Nos.	86	80
Capacity, Cups.	6	9
Height Over All, In.	8 1/4	9
Weight Each, Lbs.	3 1/8	3 5/8
Each	\$3.25	3.75
One in a Box.		



Pure Aluminum, Highly Polished, Ebonized Handle, Glass Top.			
Nos.	66	69	614
Cap., Cups.	6	9	14
Ht. Over All, In.	8	8 1/2	9 5/8
Wt. Each, Lbs.	3 3/4	3 1/2	4 1/2
Each	\$4.00	4.50	5.00
One in a Box.			



Pure Aluminum, Highly Polished, Ebonized Handles, Glass Top.			
Nos.	76	79	714
Cap., Cups	6	9	14
Ht. Over All, In.	9 1/4	10	10 3/4
Wt. Each, Lbs.	3 1/4	3 3/4	4 1/4
Each	\$4.50	5.00	5.50
One in a Box.			

PARTS OF UNIVERSAL COFFEE PERCOLATORS

ALUMINUM

[illegible]

PORCELAIN ENAMEL

1304	1306	1308	1310	1404	1406	1408	1410
1304	1306	1308	1310	1404	1406	1408	1410
2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
.....Part of Body							
.....Part of Body							
.....Part of Body							
1204	1206	1206	1210	1204	1206	1206	1210
.50	.50	.50	.50	.50	.50	.50	.50
4	6	9	14	4	6	9	14
.15	.15	.15	.15	.15	.15	.15	.15
4	6	9	14	4	6	9	14
.35	.35	.35	.35	.35	.35	.35	.35
4	6	9	14	4	6	9	14
.15	.15	.15	.15	.15	.15	.15	.15
1104	1206	1208	1210	1104	1206	1208	1210
.50	.50	.50	.50	.50	.50	.50	.50

Per Dozen

Extra Glass Tops, for Universal Percolators.....	\$0.60
Extra Stove Plates, for Universal Percolators.....	.30

STAMPED ALUMINUM WARE

TEA POTS



Polished, Ebony Handle and Knob.			
Nos.	5141 1/2	5142	5142 3/4
Quarts	1 1/2	2	2 3/4
Diam. Top (Outside), In.	4	4	4 1/4
Diam. Bottom (Outside), In.	5	5 1/2	6 1/4
Depth (Inside), Inches.	6 1/4	7 1/4	8 3/8
Each	\$2.25	2.50	3.00

COFFEE POTS



Polished, Ebony Handle and Knob.			
Nos.	5201 1/2	5202	5202 3/4
Quarts	1 1/2	2	2 3/4
Diam. Top (Outside), In.	4	4	4 1/4
Diam. Bott. (Outside), In.	5	5 1/2	6 1/4
Depth (Inside), Inches.	6 1/4	7 1/4	8 3/8
Each	\$1.90	2.10	2.50
			3.00

TEA BALL TEA POTS
UNIVERSAL

Silver Plated German Silver Tea Ball,
Ebony Handle and Knob. Each
No. 200—Capacity 6 Cups, Height
Over All 8 inches. \$3.00
One in a Box.

IDEAL COFFEE PERCOLATORS



Perforated. Per Dozen
Ideal—All Aluminum, Holds
Enough Coffee for 12 to 15
Cups, Will not Tarnish or
Rust \$3.60

TEA BALLS



Polished, with Chain and Hook. Per Dozen
No. 2552P—Egg Shape, 2 3/4
inches High, 2 inch Diam-
eter \$2.00

COFFEE PERCOLATORS



Dip Finish. Per Dozen
No. 2562—2 3/8 inches High, Di-
ameter Top (Outside) 2 1/4
inches \$1.30

OVAL ROASTERS



Polished.

Nos.	5365
Length, Inches	18 1/2
Width, Inches	11 1/4
Height, Inches	8 1/4
Each	\$5.00

OVAL ROASTER
SAVORY

"Savory," Close Fitting Removable
Jacket, Elevated Bottom, Highly Pol-
ished Outside, Satin Dipped Finish In-
side, Hollow Aluminum Handle on
Cover, Patent Cover-Locking Wire Han-
dle on Ends.

Nos.	175	1200
Inches . . . 9 1/2 x 14 3/4 x 6 1/4	11 3/4 x 17 1/2 x 7 3/4	
Each	\$5.75	7.00

One in a Box.

DAIRY PAILS



Polished, Ebony Handle.

Nos.	2800	2801
Capacity, Quarts	8	12
Diam. Top, Inches.	10 5/8	11 5/8
Diam. Bottom, Inches.	8	8 7/8
Depth, Inches	7 3/8	8 3/8
Each	\$2.40	2.70

STAMPED ALUMINUM WARE

CASTER SET



Polished.

Per Dozen Sets
 No. 2416 — Pepper, Salt and
 Toothpick Holder with Stand. \$6.50
 Shakers 2 3/4 inches high, 2 1/4 inch
 Diameter, Toothpick Holder 2 inches
 high, 2 1/4 inch Diameter, Caster 4 1/4
 inches high.

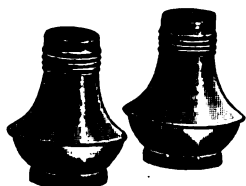
COMBINATION CONDIMENT SET



Combination Satin and Polish Finish.

Per Dozen Sets
 No. 2401 — Pepper, Salt and
 Toothpick Holder \$3.60
 Shakers 2 3/4 inches high, 2 1/4 inch
 diameter, Toothpick Holder 2 inches
 high, 2 1/4 inch diameter.

SALT AND PEPPER SHAKERS



Combination Satin and Polish Finish.

Per Dozen Sets
 No. 2361 1/8 — Pepper and Salt
 Shakers, 2 3/4 inches High,
 2 1/4 inch Diameter. \$2.40

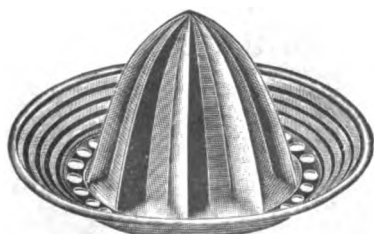
CLOTHES SPRAYERS



Body Dipped Finished, Top Polished,
 with Cork Bushing to Fit
 Ordinary Bottle.

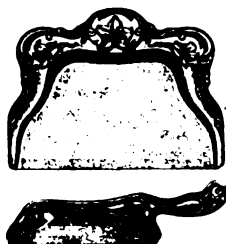
No. 30
 Inches 1 1/2 x 2 1/4
 Per Dozen \$0.80

LEMON JUICE EXTRACTOR



Dip Finish. Per Dozen
 No. 2625 — 1 7/8 inches High, 3 1/2
 inch Diameter \$1.40

CRUMB TRAYS AND SCRAPERS

Combination Satin and Polish Finish,
Embossed.

No. 2490
 Tray, Inches 7 x 9 1/4
 Scraper, Inches 10 1/2 x 2 1/4
 Each \$1.40

LEMONADE SHAKERS



Polished.

Each
 No. 2635 — Capacity 22 Oz., Diam-
 eter Top (Outside) 3 3/4
 inches, Depth (Inside) 6
 inches \$0.60

SUGAR SHAKERS



Satin Finish, Knurled, Cover Polished.

No. 2470S
 Diameter, Inches 2
 Depth (Inside), Inches 3
 Per Dozen \$1.60



Polished.

No. 2480
 Diameter, Inches 3
 Depth (Inside), Inches 4
 Per Dozen \$3.80

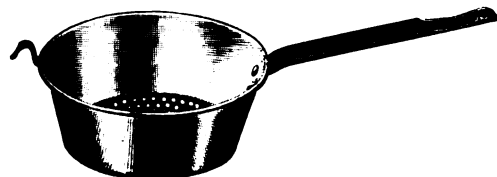
STRAINERS



Dip Finish.

No. 2535D
 Length, Inches 8 1/4
 Diam. Top (Outside), Inches.. 4
 Depth (Inside), Inches..... 1 3/4
 Per Dozen \$1.60

SOUP STRAINERS



Polished.

No. 2537
 Extreme Length, Inches..... 15 3/4
 Diam. Top (Outside), Inches.. 7 3/4
 Diameter (Inside), Inches..... 3 1/4
 Per Dozen \$9.00

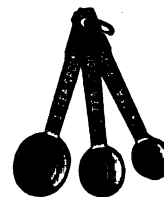
COMBINATION LEMONADE SHAKERS



Polished.

Each
 No. 2632 — Capacity 21 Oz.,
 Height 8 1/2 inches, Diameter
 Top (Outside) 3 1/4 inches,
 with Strainer and Lemon
 Juice Extractor which Also
 Acts as Egg Breaker \$1.60

MEASURING SPOONS



Dip Finish.

Per Dozen Sets
 No. 2575 — Consists of Three
 Spoons 4 1/4 inches Long,
 Measures 1/4, 1/2 and 1 Tea-
 spoon \$1.70

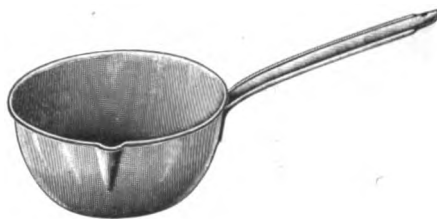
STAMPED ALUMINUM WARE SETS

MINIATURE PRESERVING KETTLE



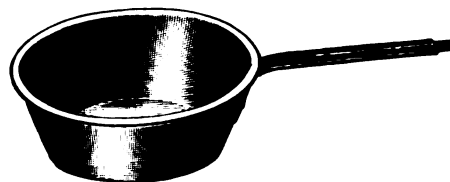
Dip Finish.
No. 4090—Capacity 10 Oz., Diameter
Top 4 inches, Depth 1 $\frac{7}{8}$ inches.

MINIATURE LIPPED SAUCE PAN



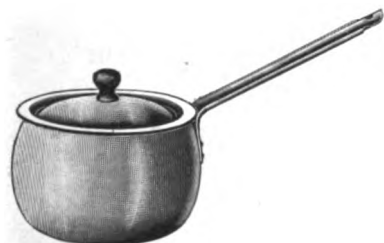
Dip Finish.
No. 4081—Capacity 10 Oz., Diameter
Top 4 inches, Depth 1 $\frac{7}{8}$ inches.

MINIATURE STEW PAN



Dip Finish.
No. 4080—Capacity 13 Oz., Diameter
Top 5 inches, Depth 1 $\frac{3}{4}$ inches.

MINIATURE BERLIN SAUCE PAN



Dip Finish.
No. 4091—Capacity 10 Oz., Diameter
Top 3 inches, Depth 2 $\frac{1}{4}$ inches.

MINIATURE BERLIN KETTLE



Dip Finish.
No. 4085—Capacity 10 Oz., Diameter
Top 3 inches, Depth 2 $\frac{1}{4}$ inches.

MINIATURE BERLIN POT



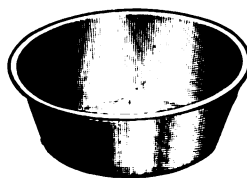
Dip Finish.
No. 4086—Capacity 10 Oz., Diameter
Top 3 inches, Depth 2 $\frac{1}{4}$ inches.

MINIATURE LIPPED FRY PAN



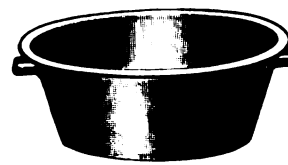
Dip Finish.
No. 4082—Diameter Top 4 $\frac{7}{8}$ inches,
Depth $\frac{7}{8}$ inch.

MINIATURE PUDDING PAN



Dip Finish.
No. 4084—Capacity 13 Oz., Diameter
Top 5 inches, Depth 1 $\frac{1}{4}$ inches.

MINIATURE DISH PAN



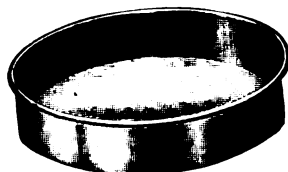
Dip Finish.
No. 4087—Diameter Top 5 inches, Di-
ameter Bottom 3 $\frac{1}{2}$ inches, Depth
1 $\frac{3}{4}$ inches.

MINIATURE BREAD PAN



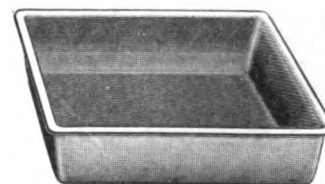
Dip Finish.
No. 4083—Length 4 $\frac{7}{8}$ inches, Width
2 $\frac{3}{4}$ inches, Depth 2 inches.

MINIATURE JELLY CAKE PAN



Dip Finish.
No. 4088—Diameter Top 5 inches,
Depth 1 inch.

MINIATURE JELLY CAKE PAN



Dip Finish.
No. 4089—Length 5 inches, Width
5 inches, Depth 1 $\frac{1}{4}$ inches.

Aluminum Ware Sets—Consists of 12 Pieces, One Each No. 4090 Miniature Preserving Kettle, No. 4081 Miniature Lipped Sauce Pan, No. 4080 Miniature Stew Pan, No. 4091 Miniature Berlin Sauce Pan, No. 4085 Miniature Berlin Kettle, No. 4086 Miniature Berlin Pot, No. 4082 Miniature Lipped Fry Pan, No. 4084 Miniature Pudding Pan, No. 4087 Miniature Dish Pan, No. 4083 Miniature Bread Pan, No. 4088 Miniature Jelly Cake Pan, No. 4089 Miniature Jelly Cake Pan as Described Above.

Per Set

\$1.90

RETINNED STEEL HOTEL WARE

HOTEL SPONGE OR EGG BEATERS



Retinned.

Nos.	10	12	14	16	18
Inches	10	12	14	16	18
Wt. Dozen, Lbs.	6	7 1/2	10 1/2	14	16
Per Dozen	\$5.00	5.50	6.25	7.00	7.75

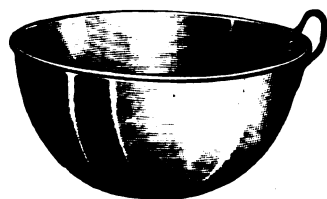
HOTEL DOUBLE BOILERS



Seamless, Retinned, with Cover, Either Part Can be Used Separately.

Nos.	180	240	360
Bottom Vessel, Inches	11 1/4 x 10 5/8	13 x 11 1/2	14 3/4 x 13
Inset, Inches	11 1/2 x 8 1/2	13 3/4 x 10 1/4	14 3/4 x 11
Tr. Cap., Bot. Ves., Gal.	4 3/4	6	9
Tr. Cap., Inset, Gals.	3	4	6
Weight Per Dozen, Lbs.	220	220	230
Per Dozen	\$54.00	66.00	84.00

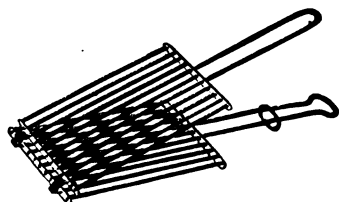
HOTEL BEATING BOWLS



Retinned, Extra Strong.

Nos.	14	17	21
Trd. Cap., Qts.	14	17	21
Inches	14 7/8 x 7 1/4	16 3/8 x 7 1/4	18 1/2 x 7 3/4
Wt. Per Dozen, Lbs.	55	63	78
Per Dozen	\$12.50	16.00	20.00

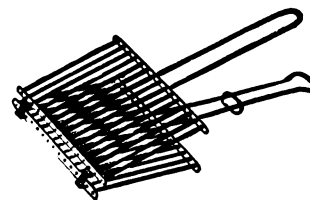
HOTEL WIRE RANGE BROILERS



Retinned, Extra Heavy.

Nos.	1	2	3	4
Inches	7 x 9 3/4	8 1/2 x 12	10 x 14	11 1/2 x 16
Wt. Per Dozen, Lbs.	33	43	48	67
Per Dozen	\$8.50	10.00	12.00	13.50

HOTEL WIRE BROILERS



Retinned, Extra Heavy.

Nos.	20	21	22
Inches	7x9	8x11	9x12 1/4
Wt. Per Dozen, Lbs.	33	43	48
Per Dozen	\$9.00	10.00	11.50

Nos.	23	24	25
Inches	10x14 1/2	11x15	12 1/4 x 16 1/2
Wt. Per Dozen, Lbs.	55	70	75
Per Dozen	\$13.00	14.00	15.50

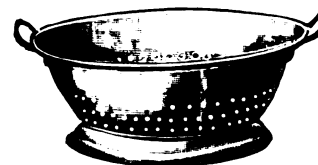
HOTEL SOUP CARRIERS



Seamless, Retinned, Covered.

	Without Strainers	With Strainers
Nos.	224	1224
Trd. Cap., Gallons	6	6
Inches	13x11 3/4	13x11 3/4
Wt. Per Dozen, Lbs.	216	216
Per Dozen	\$47.25	52.50

HOTEL COLANDERS



Seamless, Retinned.

Nos.	110	114	217	321
Inches	13 3/4 x 4 3/4	16 1/2 x 5 1/2	17 3/4 x 6	19 1/2 x 7 1/2
Wt. Dozen, Lbs.	50	55	65	75
Per Dozen	\$15.00	16.75	20.00	25.00

RETINNED STEEL HOTEL WARE

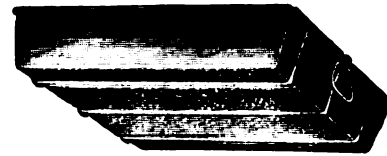
HOTEL FLESH FORKS



Retinned, Two Prongs.

Nos.	200
Inches	21 ½
Weight Per Dozen, Lbs.....	20
Per Dozen	\$6.00

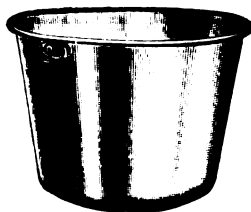
HOTEL BAKE PANS



Black, Three Half Oval Runners, Riveted, Drop Handles.

Nos.	10	20
Inches	17 ¾ x 14 ¼ x 4 ¼	20 ½ x 16 x 4 ¼
With Runners.... Per Dozen,	\$15.60	17.55
Without Runners.. Per Dozen,	13.65	14.65
No.	30	
Inches	24 ½ x 16 x 4 ¼	
With Runners.... Per Dozen,	\$21.45	
Without Runners.. Per Dozen,	17.55	

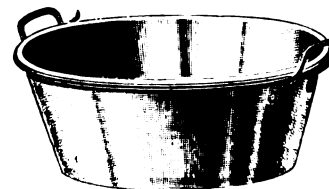
HOTEL SPONGE OR EGG KETTLES



Seamless, Retinned.

Nos.	8 ½	9	10	11
Trd. Cap., Qts.....	10	12	16	24
Wt. Per Dozen, Lbs..	48	53	60	73
Per Dozen	\$11.75	13.50	16.00	18.50

HOTEL DISH PANS



Retinned, Extra Heavy.

Nos.	514	517	521
Trd. Cap., Qts.....	14	17	21
Inches	16 ¼ x 5 ½	17 ½ x 6 ¼	19 ½ x 6 ½
Wt. Per Dozen, Lbs.....	65	79	90
Per Dozen	\$12.00	15.00	16.75
Nos.	530	540	
Trd. Cap., Qts.....	30	40	
Inches	21x7	24x7 ¼	
Wt. Per Dozen, Lbs.....	105	135	
Per Dozen	\$20.00	28.25	

HOTEL LADLES



Retinned, Solid, Oval Handle.

Nos.	100	200	300	400
Inches	5 ½ x 2 ½	6 x 2 ¾	7 ¾ x 4 ½	8 ½ x 4 ¼
Wt. Per Dozen, Lbs...	20	23	33 ½	48
Per Dozen	\$4.20	4.60	6.50	8.50

HOTEL FRY PANS



Polished, Deep, French Pattern.

Nos.	16	18	20	24
Top, Inches	6 ½	7 ½	8	9 ½
Bottom, Inches	4 ¾	4 ¾	5	6 ¼
Depth, Inches	1 ½	1 ¾	1 ¾	2
Wt. Per Dozen, Lbs.....	16	17 ½	20	25
Per Dozen	\$2.50	3.00	3.50	4.25
Nos.	28	32	36	
Top, Inches	11 ¼	13	14 ½	
Bottom, Inches	8	9	10	
Depth, Inches	2 ¼	2 ½	2 ¾	
Wt. Per Dozen, Lbs.....	32	43	57	
Per Dozen	\$5.00	6.25	7.50	

Retinned, Pierced, Oval Handle.

Nos.	101	201	301	401
Inches	5 ½ x 2 ½	6 x 2 ¾	7 ¾ x 4 ½	8 ½ x 4 ¼
Wt. Per Dozen, Lbs...	18	22	32	46
Per Dozen	\$4.70	5.10	7.00	9.00

RETINNED STEEL HOTEL WARE

HOTEL SAUCE PANS



Medium, Seamless, Retinned.

Nos.	135	140	145	148	150	155	165	175	185
Trd. Cap., Qts.	1 1/2	2	3	4 1/2	7 1/2	10 3/4	17	21 1/2	31
Inches	5x4	6x4 3/8	7x4 7/8	8 3/8 x5 1/8	9 3/4 x5 1/2	11 3/8 x6	13 1/4 x7 1/8	14x8	16x9
Weight Per Dozen, Lbs.	40	50	65	75	100	160	220	250	280
Per Dozen	\$11.00	13.00	16.00	18.50	23.50	29.00	38.00	48.50	60.00

HOTEL SAUCE PANS



Deep, Seamless, Retinned.

Nos.	235	240	245	248	250
Tr. Cap., Qts. ..	2	3	4 1/2	5 1/2	9
Inches	5x4 1/2	6x5 3/8	7x5 7/8	8 3/8 x6 1/4	9 3/4 x6 5/8
Wt. Doz., Lbs. ..	45	55	75	85	110
Per Dozen	\$12.00	14.00	17.00	21.00	26.00
Nos.	255	265	275	285	
Tr. Cap., Qts. ..	15 1/2	21 1/2	26	36	
Inches	11 3/8 x8	13 1/4 x8 7/8	14x9 5/8	16x10 1/2	
Wt. Doz., Lbs. ..	150	260	270	320	
Per Dozen	\$31.50	42.00	52.50	64.00	

HOTEL SAUCE POTS



Deep, Seamless, Retinned, with Bail.

Nos.	735	740	745	748	750
Tr. Cap., Qts. ..	2	3	4 1/2	5 1/2	9
Inches	5x4 1/2	6x5 3/8	7x5 7/8	8 3/8 x6 1/4	9 3/4 x6 5/8
Wt. Doz., Lbs. ..	40	45	65	70	100
Per Dozen	\$12.00	13.00	15.00	17.00	21.00
Nos.	755	765	775	785	
Tr. Cap., Qts. ..	15 1/2	21 1/2	26	36	
Inches	11 3/8 x8	13 1/4 x8 7/8	14x9 5/8	16x10 1/2	
Wt. Doz., Lbs. ..	140	170	230	260	
Per Dozen	\$24.50	33.00	40.50	47.50	

HOTEL SAUCE POTS



Medium, Seamless, Retinned, Side Handles.

Nos.	535	540	545	548	550
Tr. Cap., Qts. ..	1 1/2	2	3	4 1/2	7 1/2
Inches	5x4	6x4 3/8	7x4 7/8	8 3/8 x5 1/8	9 3/4 x5 1/2
Wt. Doz., Lbs. ..	30	35	50	60	85
Per Dozen	\$9.50	11.00	12.00	14.00	17.50
Nos.	555	565	575	585	
Tr. Cap., Qts. ..	10 3/4	17	21 1/2	31	
Inches	11 3/8 x6	13 1/4 x7 1/8	14x8	16x9	
Wt. Doz., Lbs. ..	110	140	150	190	
Per Dozen	\$20.00	26.00	31.50	38.50	

Deep, Seamless, Retinned Side Handles.

Nos.	635	640	645	648	650
Tr. Cap., Qts. ..	2	3	4 1/2	5 1/2	9
Inches	5x4 1/2	6x5 3/8	7x5 7/8	8 3/8 x6 1/4	9 3/4 x6 5/8
Wt. Doz., Lbs. ..	35	40	60	65	95
Per Dozen	\$10.50	11.50	13.50	15.50	19.00
Nos.	655	665	675	685	
Tr. Cap., Qts. ..	15 1/2	21 1/2	26	36	
Inches	11 3/8 x8	13 1/4 x8 7/8	14x9 5/8	16x10 1/2	
Wt. Doz., Lbs. ..	130	160	220	250	
Per Dozen	\$22.00	29.00	36.50	43.50	

RETINNED STEEL HOTEL WARE

HOTEL SOUP STOCK POTS

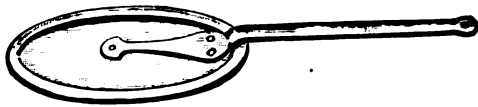


Seamless, Covered, Retinned.				
Nos.	12	18	24	36
Tr. Cap., Gals..	3 ¾	4 ¾	6	9
Inches	10 ½ x 10 ¾	11 ¾ x 11 ½	13 x 11 ¾	15 x 14
Wt. Doz., Lbs.	132	180	216	252
Per Dozen.....	\$28.00	33.50	45.00	55.00
Nos.	48	60	72	
Tr. Cap., Gals..	14	20	25	
Inches	16 ¾ x 16	18 ¾ x 18	20 ¾ x 19	
Per Dozen.....	\$125.00	158.75	195.00	



Seamless, Covered, Retinned, with Strainer and 1 inch Brass Faucet.				
Nos.	112	118	124	136
Tr. Cap., Gals..	3 ¾	4 ¾	6	9
Inches	10 ½ x 10 ¾	11 ¾ x 11 ½	13 x 11 ¾	15 x 14
Wt. Doz., Lbs.	180	228	264	300
Per Dozen.....	\$68.00	75.00	87.00	97.00
Nos.	148	160	172	
Tr. Cap., Gals..	14	20	25	
Inches	16 ¾ x 16	18 ¾ x 18	20 ¾ x 19	
Per Dozen.....	\$158.75	195.00	230.00	

HOTEL SAUCE PAN COVERS



Retinned.				
Nos.	335	340	345	348
Inches	5	6	7	8 ¾
Wt. Dozen, Lbs.	7 ½	11	22 ½	25
Per Dozen	\$3.50	4.25	5.00	6.00
Nos.	355	365	375	385
Inches	11 ¾	13 ¾	14	16
Wt. Dozen, Lbs.	33 ½	43	52	58
Per Dozen	\$8.80	11.00	13.50	15.00

HOTEL SAUCE POT COVERS



Retinned.				
Nos.	835	840	845	848
Inches	5	6	7	8 ¾
Wt. Dozen, Lbs.	5	6 ½	9	17
Per Dozen	\$2.50	2.90	3.35	3.75
Nos.	855	865	875	885
Inches	11 ¾	13 ¾	14	16
Wt. Dozen, Lbs.	25	30	35	45
Per Dozen	\$6.65	8.35	10.00	11.70

HOTEL BREAD RAISERS



Retinned, Deep, Extra Heavy.				
Nos.	214	217	221	
Tr. Cap., Qts.....	14	17	21	
Inches	16	18	19 ½	
Weight Per Dozen, Lbs.	90	100	120	
Per Dozen	\$20.00	23.50	27.00	

HOTEL CHINESE STRAINERS



Retinned, Extra Strong, Malleable Handle.				
Nos.	60	70	75	80
Diam., In.....	6	7	7 ½	8
Wt. Doz., Lbs.	33 ½	40	42	46 ½
Per Dozen.....	\$18.50	20.00	23.30	26.60
				31.70

HOTEL SKIMMERS



Retinned Flat.		
Nos.	150	180
Inches	6 ½	7 ¾
Wt. Dozen, Lbs.	20	30
Per Dozen	\$3.75	4.60

HOTEL EGG SLICERS



Retinned.		
No.	265	
Inches	21	
Weight Per Dozen, Lbs.	18	
Per Dozen	\$4.25	

HOTEL CAKE TURNERS



Retinned, with Steel Blades.		
No.	160	
Inches	20	
Weight Per Dozen, Lbs.	17	
Per Dozen	\$3.75	

STAMPED TINWARE

SAVORY DOUBLE BOILERS



Retinned, Consisting of Water Pan, Food Pan with Perforated Top Edge and Cover.

Per Dozen

No. 25—Water Pan 4 1/4 inches Deep, 10 1/4 inches Diameter, Food Pan 3 inches Deep, 11 inches Diameter Over Rim, Weight Per Dozen 35 Lbs. \$26.00
One-quarter Dozen in a Case.

STEAM COOKERS

BUFFALO CEREAL

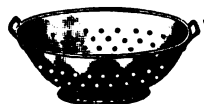


Retinned Outside Pan and Cover, Magnolia Finish, Enameled Food Pan.

Per Dozen

No. 800—Trade Cap. Food Pan 3 Qts., Dimensions Food Pan 9 1/4 x 2 3/4 inches, Water Pan 10 1/8 x 3 1/2 inches, Weight Per Dozen 38 Lbs. \$20.00
One Dozen in a Case.

COLANDERS



Retinned, Feet Fast.

Nos.	205	306	407
Inches	10 1/2	11 1/2	13
Wt. Dozen, Lbs.	8	9	10
Per Dozen	\$3.80	4.50	5.75

One Dozen in a Package.

WASH BOWLS



IC, Plain, with Eyelet.

Nos.	06	06 1/2	07
Inches	10	10 1/2	11 1/2
Wt. Doz., Lbs.	5	5 1/2	6
Per Dozen	\$0.90	1.00	1.20
Nos.	07 1/2	08	
Inches	12 1/4	13	
Wt. Doz., Lbs.	7	7 1/2	
Per Dozen	\$1.40	1.50	

One Dozen in a Package.



IC, Retinned, with Eyelet.

Nos.	6	6 1/2	7
Inches	10	10 1/2	11 1/2
Wt. Doz., Lbs.	5	5 1/2	7
Per Dozen	\$1.90	2.00	2.20
Nos.	7 1/2	8	
Inches	12 1/4	13	
Wt. Doz., Lbs.	7 1/2	8	
Per Dozen	\$2.70	2.90	

One Dozen in a Package.



IX, Plain, with Eyelet.

Nos.	014	015	016
Inches	11 1/2	12 1/4	13
Wt. Doz., Lbs.	7	7 3/4	8 1/4
Per Dozen	\$2.00	2.20	2.40

One Dozen in a Package.



IX, Retinned, with Eyelet.

Nos.	14	15	16
Inches	11 1/2	12 1/4	13
Wt. Doz., Lbs.	7 1/4	7 3/4	8 1/2
Per Dozen	\$3.20	3.70	4.00

One Dozen in a Package.

DRINKING CUPS



Deep, Plain, Seamless, Riveted Handle.

Nos.	08	09	010	011
Tr. Cap., Pts.	1/2	3/4	1	1 1/2
Inches	3 5/8 x 2	3 7/8 x 2 1/4	4 1/8 x 2 3/8	4 3/8 x 2 5/8
Wt. Dozen, Lbs.	1 1/2	2	2 1/2	3
Per Dozen	\$0.60	.70	.75	.90

One-half Dozen in a Package.

DIPPER BOWLS



IC, Plain.

Nos.	2	3	4
Tr. Cap., Pts.	1	1 1/2	2
Inches	4 1/2 x 2	5 x 2 1/8	5 3/8 x 2 1/8
Wt. Doz., Lbs.	1 1/8	1 1/2	1 3/4
Per Dozen	\$0.65	.80	.90

One-half Dozen in a Package.



IC, Retinned.

Nos.	2R	3R	4R
Tr. Cap., Pts.	1	1 1/2	2
Inches	4 1/2 x 2	5 x 2 1/8	5 3/8 x 2 1/8
Wt. Doz., Lbs.	1 1/2	1 3/8	2
Per Dozen	\$1.20	1.30	1.50

One-half Dozen in a Package.

STRAIGHT CUPS



Plain, Seamless, Riveted Handle.

Nos.	021	023
Tr. Cap., Pts.	1/2	1
Inches	3 1/2 x 2 1/8	4 x 2 1/2
Wt. Dozen, Lbs.	1 1/2	2
Per Dozen	\$0.70	.90

One Dozen in a Package.



Retinned, Seamless, Riveted Handle.

Nos.	21 1/2	23
Tr. Cap., Pts.	1/2	1
Inches	3 1/2 x 2 1/8	4 x 2 1/2
Wt. Dozen, Lbs.	1 1/2	2
Per Dozen	\$1.30	1.55

One Dozen in a Package.



Deep, Retinned, Seamless, Riveted Handle.

Nos.	8	9	10	11
Inches	3 5/8 x 2	3 7/8 x 2 1/4	4 1/8 x 2 3/8	4 3/8 x 2 5/8
Tr. Cap., Pts.	1/2	3/4	1	1 1/2
Wt. Dozen, Lbs.	1 1/2	2	2 1/2	3
Per Dozen	\$1.00	1.10	1.20	1.40

One-half Dozen in a Package.

STAMPED TINWARE

WATER DIPPERS



Plain.			
Nos.	0	1	2
Tr. Cap., Pts..	$\frac{1}{2}$	$\frac{3}{4}$	1
Inches	4x1 $\frac{3}{4}$	4 $\frac{1}{4}$ x2	4 $\frac{1}{2}$ x2
Wt. Doz., Lbs.	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$
Per Dozen....	\$0.70	.80	.90
Nos.	3	4	5
Tr. Cap., Pts..	1 $\frac{1}{2}$	2	4
Inches	5x2 $\frac{1}{2}$	5 $\frac{3}{4}$ x2 $\frac{1}{2}$	6x2 $\frac{1}{2}$
Wt. Doz., Lbs.	3	4	5
Per Dozen....	\$1.00	1.10	1.20

One-half Dozen in a Package.

LAUNDRY DIPPERS



Retinned, Riveted Handle.			
No.	208		
Trade Cap., Quarts.....	4		
Inches	8 $\frac{1}{2}$ x4		
Weight Per Dozen, Lbs.....	12		
Per Dozen	\$4.50		

One-half Dozen in a Package.

LIPPED PRESERVING KETTLES



Retinned.					
Nos.	200	220	240	260	280
Tr. Cap., Qts....	3	4	5	6	8
Inches	8 $\frac{1}{2}$ x3 $\frac{3}{4}$	9 $\frac{1}{4}$ x4	9 $\frac{3}{4}$ x4 $\frac{1}{2}$	11x15	11 $\frac{1}{4}$ x5 $\frac{1}{2}$
Wt. Doz., Lbs....	10	11	13	15	20
Per Dozen	\$3.60	4.00	4.80	5.00	6.00

One-half Dozen in a Package.

OYSTER LADLES



Retinned, Solid.		
No.	50	
Inches	3x1	
Weight Per Dozen, Lbs.....	2 $\frac{1}{2}$	
Per Dozen	\$1.10	

One Dozen in a Package.

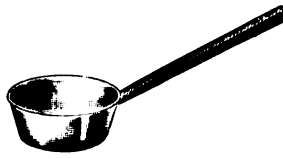
DEEP SOLID LADLES



Retinned, Flat Handle.					
Nos.	09	010	011	012	
Inches	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	
Wt. Per Dozen, Lbs.....	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	
Per Dozen	\$1.50	1.65	1.80	1.90	

One Dozen in a Package.

WATER DIPPERS



Retinned.			
Nos.	30	31	32
Tr. Cap., Pts..	$\frac{1}{2}$	$\frac{3}{4}$	1
Inches	4x1 $\frac{3}{4}$	4 $\frac{1}{4}$ x2	4 $\frac{1}{2}$ x2
Wt. Doz., Lbs.	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$
Per Dozen....	\$1.30	1.50	1.60
Nos.	33	34	35
Tr. Cap., Pts..	1 $\frac{1}{2}$	2	4
Inches	5x2 $\frac{1}{2}$	5 $\frac{3}{4}$ x2 $\frac{1}{2}$	6x2 $\frac{1}{2}$
Wt. Doz., Lbs.	3	4	5
Per Dozen....	\$1.80	2.00	2.20

One-half Dozen in a Package.

FRUIT JAR FILLERS



Plain, Seamless Body.	
No.	25
Inches	4 $\frac{3}{4}$
Weight Per Dozen, Lbs.....	2
Per Dozen	\$0.90

One-half Dozen in a Package.

FAMILY DIPPERS



Retinned, Improved Round Handle, Riveted, Extra Heavy.	
No.	2XX
Trade Cap., Quarts.....	2
Inches	5 $\frac{3}{4}$ x3
Weight Per Dozen, Lbs.....	7
Per Dozen	\$3.00

One-half Dozen in a Package.

CORRUGATED FUNNELS
Plain.

Plain.			
Nos.	1	2	
Tr. Cap., Qts..	$\frac{1}{4}$	$\frac{1}{2}$	
Inches	3 $\frac{1}{4}$	4 $\frac{1}{8}$	
Wt. Doz., Lbs.	2 $\frac{1}{2}$	3 $\frac{1}{2}$	
Per Dozen....	\$0.80	1.00	
Nos.	3	4	5
Tr. Cap., Qts..	1	2	4
Inches	4 $\frac{3}{4}$	6 $\frac{1}{4}$	7 $\frac{1}{2}$
Wt. Doz., Lbs.	4 $\frac{1}{8}$	5	7 $\frac{1}{2}$
Per Dozen....	\$1.30	1.90	2.50

One-half Dozen in a Package.

OIL STOVE TEA KETTLE



Plain.		
Nos.	01 $\frac{1}{2}$	02
Trade Capacity, Quarts.....	1 $\frac{1}{2}$	2
Inches	7 $\frac{1}{2}$	8 $\frac{1}{4}$
Weight Per Dozen, Lbs.....	10	11
Per Dozen	\$3.00	3.25

One in a Package.

CREAM LADLES



Retinned.	
No.	17
Inches	2x1 $\frac{1}{4}$
Weight Per Dozen, Lbs.....	1 $\frac{1}{8}$
Per Dozen	\$0.75

SOUP LADLES



Retinned, Enameled Wood Handle, Steel Shank.		
Nos.	29	30
Inches	3 $\frac{3}{4}$	4
Wt. Per Dozen, Lbs.	3	3 $\frac{1}{2}$
Per Dozen	\$1.40	1.50

One Dozen in a Package.

DEEP PIERCED LADLES



Retinned, Flat Handle.					
Nos.	9	10	11	12	
Inches	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{5}{8}$	
Wt. Per Dozen, Lbs.....	3	3 $\frac{3}{4}$	4	4 $\frac{3}{4}$	
Per Dozen	\$1.60	1.80	1.90	2.00	

One Dozen in a Package.

STAMPED TINWARE

JELLY MOULDS



New Style, Retinned.

Nos.	10	15	20	25
Tr. Cap., Pts.	1 1/2	1	1 1/2	2
Inches	5x3 1/2	6x4 1/4	6 1/4 x4 3/4	7x5
Wt. Dozen, Lbs.	3	3 1/2	3 3/4	5
Per Dozen	\$1.90	2.20	2.50	2.75

One-half Dozen in a Package.

CAKE MOULDS



Octagon, Retinned, Deep, with Tube.

Nos.	72	73	74	75
Tr. Cap., Qts.	2	3	4	5
Inches	8 1/4 x3	9 1/4 x3	10x3 1/2	10 1/2 x3 3/4
Wt. Dozen, Lbs.	6	7	7 1/2	8 1/2
Per Dozen	\$2.70	3.20	3.70	4.50

One-half Dozen in a Package.

CAKE MOULDS



Turk's Head, Retinned, without Tube.

Nos.	061	061 1/2	062	063
Tr. Cap., Qts.	1 1/2	2	3	4
Inches	7 1/4 x3 3/8	8 1/8 x3 3/8	9x4	9 3/4 x4
Wt. Doz., Lbs.	5 3/4	6 3/4	8 3/4	9 1/2
Per Dozen	\$2.80	3.20	3.60	4.50

One-half Dozen in a Package.



Turk's Head, Retinned, with Tube.

Nos.	61	61 1/2	62	63
Tr. Cap., Qts.	1 1/2	2	3	4
Inches	7 1/4 x3 3/8	9 1/8 x3 3/8	9x4	9 3/4 x4
Wt. Doz., Lbs.	6	7	9	10
Per Dozen	\$3.00	3.40	3.80	4.50

One-half Dozen in a Package.

ROUND CAKE PANS



Deep, Retinned, with Tube.

Nos.	41	42	43	44	45	46
Quarts ...	1	2	3	4	5	6
Inches ...	7 1/4 x2 3/8	8 1/2 x3	9 1/4 x3 1/4	10 1/4 x3 1/4	11x3 1/2	11 1/2 x3 1/2
Wt. Dz., Lb. ...	4	5 1/2	6 1/2	7	8	8 3/4
Per Doz. ...	\$2.00	2.50	2.90	3.50	3.90	4.25

One-half Dozen in a Package.

ANGEL CAKE PANS



IX, Retinned, with Tube.

No.	10
Quarts ...	3 1/4
Inches ...	9 5/8 x4
Weight Per Dozen, Lbs.	13
Per Dozen	\$5.50

One-half Dozen in a Package.

CAKE PANS



Scalloped, Plain, without Tube.

Nos.	012	013
Inches	8	10
Wt. Dozen, Lbs.	2 1/2	5
Per Dozen	\$0.75	1.10

One-half Dozen in a Package.

CAKE PANS



Scalloped, Plain, with Tube.

Nos.	2	3
Inches	8	10
Wt. Dozen, Lbs.	3 1/2	5 1/2
Per Dozen	\$1.00	1.40

One-half Dozen in a Package.

BISCUIT PANS

Deep, Plain, Solid Frame, Size of Cups
2 1/8 x1 1/8 inches.

Nos.	60	80	120
Cups	6	8	12
Inches	8x5 1/2	10 1/2 x5 1/2	10 1/2 x8
Wt. Doz., Lbs. ...	3	4	5 1/2
Per Dozen ...	\$1.60	2.00	3.00

One Dozen in a Package.

MUFFIN PANS

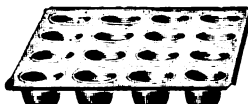
Plain, Solid Frame.
Size of Cups 3x1 inches.

Nos.	6	8
Cups	6	8
Inches	10 1/4 x6 3/4	13 1/2 x6 3/4
Wt. Dozen, Lbs. ...	4 1/2	6 1/2
Per Dozen	\$1.60	2.00

No.	12
Cups	12
Inches	13 1/2 x10 1/4
Wt. Dozen, Lbs. ...	9
Per Dozen	\$3.00

One Dozen in a Package.

CORN OR LEMON CAKE PANS

Plain, Solid Frame.
Size of Cups 3x1 1/4 inches.

Nos.	06	08
Cups	6	8
Inches	10 1/4 x6 3/4	13 1/2 x6 3/4
Wt. Dozen, Lbs. ...	5	7
Per Dozen	\$2.00	2.50

No.	012
Cups	12
Inches	13 1/2 x10 1/4
Wt. Dozen, Lbs. ...	10
Per Dozen	\$3.80

One Dozen in a Package.

TURK'S HEAD PANS

Retinned, Solid Frame.
Size of Cups 3x1 1/4 inches.

Nos.	106 1/2	108 1/2
Cups	6	8
Inches	10 1/4 x6 3/4	13 1/2 x6 3/4
Wt. Dozen, Lbs. ...	4 1/2	6
Per Dozen	\$3.90	5.00

No.	112 1/2
Cups	12
Inches	13 1/2 x10 1/4
Wt. Dozen, Lbs. ...	9
Per Dozen	\$7.50

One Dozen in a Package.

STAMPED TINWARE

JELLY CAKE PANS



IC, Shallow, Plain, ½ inch Deep.

Nos.	09	010
Inches	9	10
Wt. Per Gross, Lbs.	35	44
Per Dozen	\$0.60	.75

PATTY PANS



Scalloped, Oval.

No.	110
Inches	4 ¼
Wt. Per Gross, Lbs.	7 ½
Per Gross	\$2.50

One-half Gross in a Package.

PATTY PANS



Heart.

No.	7
Inches	3
Wt. Per Gross, Lbs.	6
Per Gross	\$2.25

One-half Gross in a Package.

PATTY PANS



Shell.

No.	26
Inches	3
Weight Per Gross, Lbs.	6
Per Gross	\$2.25

One-half Gross in a Package.

JELLY CAKE PANS



IC, Deep, Plain, 1 inch Deep.

Nos.	19	20
Inches	9	10
Wt. Per Gross, Lbs.	39	47
Per Dozen	\$0.75	.80
One Dozen in a Package.		

PATTY PANS



Crinkled, Round.

Nos.	20	21
Inches	3	3 ½
Wt. Per Gross, Lbs.	6	6 ½
Per Gross	\$1.70	2.00

One-half Gross in a Package.

PATTY PANS



Leaf.

No.	24
Inches	4
Wt. Per Gross, Lbs.	7
Per Gross	\$2.25

One-half Gross in a Package.

MOUNTAIN CAKE PANS



IC, Plain, 1 ¾ inches Deep.

Nos.	29	30
Inches	9	10
Wt. Per Gross, Lbs.	42	50
Per Dozen	\$0.80	1.00

One Dozen in a Package.

PATTY PANS



Scalloped, Round, Deep.

Nos.	0	1
Inches	3	3 ½
Wt. Per Gross, Lbs.	6	6 ½
Per Gross	\$1.70	2.25

One-half Gross in a Package.

PATTY PANS



Star.

No.	25
Inches	3
Wt. Per Gross, Lbs.	6
Per Gross	\$2.25

One-half Gross in a Package.

PATTY PANS



Plain, Round.

Nos.	11	12
Inches	3	3 ½
Wt. Per Gross, Lbs.	2	2 ½
Per Gross	\$1.70	2.25

One-half Gross in a Package.

LIPPED SAUCE PANS



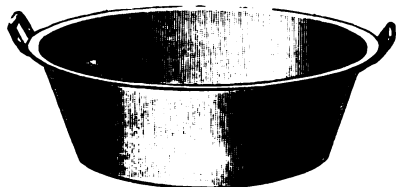
Retinned.

Nos.	012	014	016	018	020	022	024	026	028
Trd. Cap., Quarts.	1	1 ½	2	2 ½	3	4	5	6	8
Inches	5 ½ x 2 ¾	6 ½ x 3	7 ¼ x 3 ¼	7 ¾ x 3 ½	8 ½ x 3 ¾	9 ¼ x 4	9 ¾ x 4 ½	11 x 5	11 ¼ x 5 ½
Weight Per Dozen, Lbs.	5	5 ½	6 ½	7	10	10 ½	12	15	20
Per Dozen	\$2.20	2.40	2.50	2.95	3.60	4.00	4.80	5.20	6.00

One-half Dozen in a Package.

STAMPED TINWARE

DISH PANS

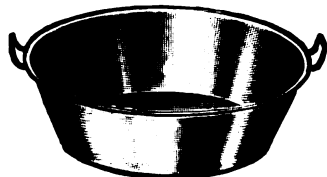
**Frankfurth's Special, Extra Heavy Retinned, Wide Edge.**

These are the finest Dish Pans on the market today, and with the extra wide flange, together with the high finish of pure block tin, will prove a ready seller to all trade which demands the highest quality.

Nos.	14F	17F	21F	30F
Quarts	14	17	21	30
Inches	16 1/4 x 5 3/8	17 3/4 x 5 3/8	19 1/2 x 6	21 1/4 x 6 1/2
Wt. Dozen, Lbs.	54	66	72	84
Per Dozen	\$17.00	21.00	25.00	28.00

One-quarter Dozen in a Case.

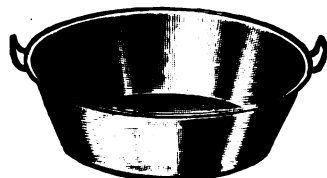
DISH PANS



IX, Retinned.

Nos.	108	110	114	117	121
Tr. Cap., Qts.	8	10	14	17	21
Inches	14x4 3/4	14 1/2 x 5 1/8	16 1/4 x 5 1/2	17 3/4 x 5 3/8	19 1/2 x 6
Wt. Doz., Lbs.	16	19	23	27	33
Per Dozen	\$5.75	6.00	7.50	9.00	11.00

One-half Dozen in a Package.



IXXX, Retinned.

Nos.	314	317	321	330
Tr. Cap., Qts.	14	17	21	30
Inches	16 1/4 x 5 1/2	17 3/4 x 5 3/8	19 1/2 x 6	20 3/4 x 6 1/2
Wt. Doz., Lbs.	28	33	40	60
Per Dozen	\$12.25	13.75	15.00	22.00

One-half Dozen in a Package.

STEAM EGG POACHERS
BUFFALO

Size 10 1/4 x 2 inches.

No. 1—Plain, with Retinned Cups, for 5 Eggs	Per Dozen \$6.00
No. 2—All Parts Retinned, for 5 Eggs	8.00
Weight Per Dozen 15 Pounds.	

PERFECT CLEAN CUT



No. 75—9 3/4 inches Diameter, 1 inch Deep, One Turn of the Thin Blade Separates the Pie Cleanly from the Tin	Per Dozen \$2.00
The top ridge of the Perfect Pie Plate prevents the juices from running over into the oven, it keeps all of the "good" in the pie.	

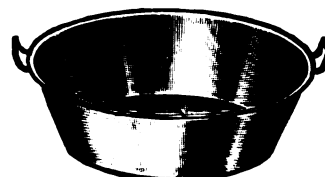
RINSING PANS



IC, Retinned.

Nos.	88	100	104	107
Tr. Cap., Qts.	8	10	14	17
Inches	14x4 1/4	14 3/4 x 4 1/2	16x5	18x5 1/2
Wt. Dozen, Lbs.	13	14 1/2	16	20
Per Dozen	\$4.50	5.00	6.00	7.50

One-half Dozen in a Package.



IXX, Retinned.

Nos.	210	214	217	221
Tr. Cap., Qts.	10	14	17	21
Inches	14 1/2 x 5 1/8	16 1/4 x 5 1/2	17 3/4 x 5 3/8	19 1/2 x 6
Wt. Doz., Lbs.	23	26	30	34
Per Dozen	\$8.50	10.00	11.50	13.00

One-half Dozen in a Package.



IXXX, Retinned.

Nos.	430	440
Trd. Cap., Qts.	30	40
Inches	20 3/4 x 6 1/2	24x7 1/4
Wt. Per Dozen, Lbs.	64	80
Per Dozen	\$25.00	\$2.00

One-half Dozen in a Package.

COMBINATION STEAM COOKERS AND POACHERS
BUFFALO

Two Sets of Cups, Shallow for Eggs, Deep for Puddings.

No. 600—All Parts Retinned, Size of Food Pan 9 1/4 x 2 3/4 inches, Size of Water Pan 10 1/4 x 3 1/2 inches, Trade Capacity of Food Pan 3 Qts.	Per Dozen \$24.00
This makes an attractive combination of many dishes in one.	
Weight Per Dozen 17 Pounds.	

PIE PLATES

CLEAN CUT



No. 100—Shallow, 10 inches in Diameter, One Turn of the Thin Blade Separates the Pie Cleanly from the Tin	Per Dozen \$1.10
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STAMPED TINWARE

PIE PLATES



IC, Plain, Shallow, $\frac{3}{8}$ inch Deep.						
Nos.	206	207	208	209	210	211
Inches	6	7	8	9	10	11
Wt. Gross, Lbs.	15	20	29	36	45	52
Per Dozen	\$0.30	.40	.50	.60	.75	1.00

One Dozen in a Package.



IC, Plain, Deep, $1\frac{1}{4}$ inches Deep.			
Nos.	309	310	311
Inches	9	10	11
Weight Per Gross, Lbs.	38	45	50
Per Dozen	\$0.65	.85	1.10

One Dozen in a Package.

PIE PLATES



Scalloped.			
Nos.	508	509	510
Inches	8	9	10
Wt. Gross, Lbs.	30	36	42
Per Dozen	\$0.50	.60	.80

One Dozen in a Package.

PIE PLATES



Perforated.		
Nos.	609	610
Inches	9	10
Wt. Gross, Lbs.	35	43
Per Dozen	\$0.80	1.10

One Dozen in a Package.

LETTERED PLATES



No.	10
Inches	6
Wt. Per Gross, Lbs.	14
Per Dozen	\$0.45

One Dozen in a Package.



Clean Cut Cake Tin.

CAKE AND PIE TIN ASSORTMENT
CLEAN CUT

Per Assortment

No. 555 Assortment—Consists of 96 Clean Cut Cake
Tins to Retail at 5 Cents Each and 48 Clean Cut
Pie Tins to Retail at 5 Cents Each, Weight Per
Assortment 46 Lbs. \$12.00



Clean Cut Pie Tin.

CONTENTS OF No. 555 ASSORTMENT

36 No. 5 Shallow Cake Tins, $9\frac{1}{4} \times 1$ inch.	12 No. 90 Shallow Pie Tins, 9 inches.
24 No. 15 Shallow Cake Tins, $10\frac{1}{4} \times 1$ inch.	12 No. 100 Shallow Pie Tins, 10 inches.
24 No. 45 Medium Depth Cake Tins, $9 \times 1\frac{3}{8}$ inches.	12 No. 95 Deep Pie Tins, 9 inches.
12 No. 55 Medium Depth Cake Tins, $10 \times 1\frac{3}{8}$ inches.	12 No. 105 Deep Pie Tins, 10 inches.

Exceptional merit, exceptional price and the display furnished in this Clean Cut Assortment No. 555 will make 144 sales for you in very short order. Comes packed in a substantial carton, with directions and plan showing just how to arrange; posters and price signs; displayed in your window it will attract people who will come in to buy other things.

MILK PANS



IC, Plain.

Nos.	200	200 $\frac{1}{2}$	201	201 $\frac{1}{2}$
Tr. Cap., Qts.	$\frac{1}{4}$	$\frac{1}{2}$	1	$1\frac{1}{2}$
Inches	$5\frac{1}{4} \times 1\frac{3}{8}$	$6 \times 1\frac{1}{2}$	$6\frac{3}{4} \times 1\frac{3}{8}$	$7\frac{3}{4} \times 1\frac{1}{2}$
Wt. Doz., Lbs.	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	$2\frac{3}{4}$
Per Dozen	\$0.35	.40	.50	.65

Nos.	202	203	204	205
Tr. Cap., Qts.	2	3	4	5
Inches	$8\frac{1}{2} \times 2$	$9\frac{1}{4} \times 2\frac{1}{4}$	$10\frac{3}{8} \times 2\frac{1}{2}$	$11\frac{3}{4} \times 2\frac{5}{8}$
Wt. Doz., Lbs.	$3\frac{1}{2}$	$4\frac{1}{4}$	$5\frac{1}{2}$	$6\frac{3}{4}$
Per Dozen	\$0.80	.90	1.10	1.80

Nos.	206	208	210	212
Tr. Cap., Qts.	6	8	10	12
Inches	$12\frac{1}{2} \times 2\frac{3}{4}$	$13\frac{1}{4} \times 3$	$14\frac{1}{2} \times 3$	$15\frac{1}{2} \times 3\frac{1}{2}$
Wt. Doz., Lbs.	$7\frac{1}{2}$	9	10	11
Per Dozen	\$1.40	1.65	2.00	2.50

One Dozen in a Package.



IC, Retinned.

Nos.	300	300 $\frac{1}{2}$	301	301 $\frac{1}{2}$
Tr. Cap., Qts.	$\frac{1}{4}$	$\frac{1}{2}$	1	$1\frac{1}{2}$
Inches	$5\frac{1}{4} \times 1\frac{3}{8}$	$6 \times 1\frac{1}{2}$	$6\frac{3}{4} \times 1\frac{3}{8}$	$7\frac{3}{4} \times 1\frac{1}{2}$
Wt. Doz., Lbs.	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	3
Per Dozen	\$0.90	1.10	1.30	1.40

Nos.	302	303	304	305
Tr. Cap., Qts.	2	3	4	5
Inches	$8\frac{1}{2} \times 2$	$9\frac{1}{4} \times 2\frac{1}{4}$	$10\frac{3}{8} \times 2\frac{1}{2}$	$11\frac{3}{4} \times 2\frac{5}{8}$
Wt. Doz., Lbs.	$3\frac{1}{2}$	5	6	7
Per Dozen	\$1.60	1.80	2.40	2.70

Nos.	306	308	310	312
Tr. Cap., Qts.	6	8	10	12
Inches	$12\frac{1}{2} \times 2\frac{3}{4}$	$13\frac{1}{4} \times 3$	$14\frac{1}{2} \times 3$	$15\frac{1}{2} \times 3\frac{1}{2}$
Wt. Doz., Lbs.	8	9	10	11
Per Dozen	\$2.90	3.40	4.00	5.00

One Dozen in a Package.

MILK PANS



IX, Plain.

Nos.	402	403	404	405
Tr. Cap., Qts.	2	3	4	5
Inches	$8\frac{1}{2} \times 2$	$9\frac{1}{4} \times 2\frac{1}{4}$	$10\frac{3}{8} \times 2\frac{1}{2}$	$11\frac{3}{4} \times 2\frac{5}{8}$
Wt. Doz., Lbs.	6	7	$7\frac{1}{2}$	8
Per Dozen	\$1.30	1.40	1.70	2.00

Nos.	406	408	410	412
Tr. Cap., Qts.	6	8	10	12
Wt. Doz., Lbs.	9	11	$12\frac{1}{2}$	14
Inches	$12\frac{1}{2} \times 2\frac{3}{4}$	$13\frac{1}{4} \times 3$	$14\frac{1}{2} \times 3$	$15\frac{1}{2} \times 3\frac{1}{2}$
Per Dozen	\$2.40	2.70	3.00	3.65

One Dozen in a Package.



IX, Retinned.

Nos.	502	503	504	505
Tr. Cap., Qts.	2	3	4	5
Inches	$8\frac{1}{2} \times 2$	$9\frac{1}{4} \times 2\frac{1}{4}$	$10\frac{3}{8} \times 2\frac{1}{2}$	$11\frac{3}{4} \times 2\frac{5}{8}$
Wt. Doz., Lbs.	$6\frac{1}{2}$	$7\frac{1}{2}$	8	9
Per Dozen	\$2.00	2.40	2.80	3.30

Nos.	506	508	510	512
Tr. Cap., Qts.	6	8	10	12
Inches	$12\frac{1}{2} \times 2\frac{3}{4}$	$13\frac{1}{4} \times 3$	$14\frac{1}{2} \times 3$	$15\frac{1}{2} \times 3\frac{1}{2}$
Wt. Doz., Lbs.	10	12	$13\frac{1}{2}$	15
Per Dozen	\$3.70	4.25	4.75	5.75

One Dozen in a Package.

STAMPED TINWARE

PUDDING PANS



IC, Plain.				
Nos.	015	016	017	018
Tr. Cap., Qts.	1/2	1	1 1/2	2
Inches	6 3/4 x 2 1/4	7 1/4 x 2 3/8	7 3/4 x 3	8 1/2 x 3
Wt. Doz., Lbs.	2 1/2	3	3 1/2	4
Per Dozen....	\$0.55	.65	.70	.90

Nos.	020	021	022	023	024
Tr. Cap., Qts.	4	5	6	8	10
Inches	10 1/4 x 3 1/4	11 x 3 1/2	11 1/2 x 3 1/2	12 1/2 x 4	13 1/4 x 4 1/2
Wt. Doz., Lbs.	5 1/2	7 1/2	8	8 1/2	9
Per Dozen....	\$1.25	1.40	1.50	2.00	2.40



IX, Plain.				
Nos.	118	119	120	121
Tr. Cap., Qts.	2	3	4	5
Inches	8 1/2 x 3	9 1/4 x 3 1/4	10 1/4 x 3 1/4	11 x 3 1/2
Wt. Doz., Lbs.	6	6 1/2	7 1/2	9 1/4
Per Dozen....	\$1.50	1.70	2.00	2.20

Nos.	122	123	124
Tr. Cap., Qts.	6	8	10
Inches	11 1/2 x 3 1/2	12 1/2 x 4	13 1/4 x 4 1/2
Wt. Doz., Lbs.	10 1/2	13 1/2	13 1/2
Per Dozen....	\$2.50	2.90	3.50

One Dozen in a Package.



IC, Retinned.				
Nos.	15	16	17	18
Tr. Cap., Qts.	1/2	1	1 1/2	2
Inches	6 3/4 x 2 1/4	7 1/4 x 2 3/8	7 3/4 x 3	8 1/2 x 3
Wt. Doz., Lbs.	2 1/2	3	3 1/2	4 1/2
Per Dozen....	\$1.40	1.60	1.80	2.00

Nos.	20	21	22	23	24
Tr. Cap., Qts.	4	5	6	8	10
Inches	10 1/4 x 3 1/4	11 x 3 1/2	11 1/2 x 3 1/2	12 1/2 x 4	13 1/4 x 4 1/2
Wt. Doz., Lbs.	6	7 1/2	8	9	10
Per Dozen....	\$2.70	2.90	3.40	4.00	5.00



IX, Retinned.				
Nos.	180	190	200	210
Tr. Cap., Qts.	2	3	4	5
Inches	8 1/2 x 3	9 1/4 x 3 1/4	10 1/4 x 3 1/4	11 x 3 1/2
Wt. Doz., Lbs.	6	6 1/2	7 1/2	9 1/4
Per Dozen....	\$2.50	2.80	3.20	3.60

Nos.	220	230	240
Tr. Cap., Qts.	6	8	10
Inches	11 1/2 x 3 1/2	12 1/2 x 4	13 1/4 x 4 1/2
Wt. Doz., Lbs.	11	12	14
Per Dozen....	\$4.00	4.80	5.50

ATLANTIC BREAD RAISERS



IXXXX, Retinned, Extra Heavy, Ventilated Cover.

Nos.	4244	4247	4251
Quarts	14	17	21
Inches	16x7	17 1/2 x 8	19x8 1/2
Wt. Doz., Lbs.	66	75	81
Per Dozen....	\$25.00	27.00	29.00

One-quarter Dozen in a Crate.

FLAT SKIMMERS



Retinned, Flat Handle.				
Nos.	9	10	11	12
Inches	4 1/4	4 1/2	4 3/4	5
Wt. Doz., Lbs.	3 1/2	4	4 1/4	4 1/2
Per Dozen....	\$1.20	1.40	1.50	1.70

One Dozen in a Package.

MILK SKIMMERS



Plain		
	Solid	Pierced
Nos.	40	45
Inches	5 3/8 x 5	5 3/8 x 5
Wt. Dozen, Lbs.	1 1/2	1 1/4
Per Dozen....	\$0.40	.45

One Dozen in a Package.

BREAD RAISERS



Retinned, Heavy, Ventilated Cover.

Nos.	110	114	117	121
Tr. Cap., Qts.	10	14	17	21
Inches	15	16	18	19 1/2
Wt. Dz., Lbs.	45	51	53	66
Per Dozen....	\$18.00	15.00	18.00	21.00

One-half Dozen in a Crate.

MILK SKIMMERS



Cairn's Pattern, Retinned, Threaded Handle.

No.	50
Inches	4 1/4 x 3
Wt. Per Dozen, Lbs.	3
Per Dozen	\$1.50

One Dozen in a Package.

GRAVY STRAINERS



Plain, Tin Handle, Perforated Tin Bottom.

Nos.	2	3
Inches	4 1/4	5 1/4
Wt. Per Dozen, Lbs.	2	3 1/2
Per Dozen	\$0.80	1.00

One-half Dozen in a Package.

BREAD RAISER COVERS



Retinned, Ventilated, Fits Dish Pans.

Nos.	10	14	17	21
Inches	15	16	18	19 1/2
Wt. Doz., Lbs.	8	9	11	13
Per Dozen....	\$4.50	5.75	6.00	6.75

One-half Dozen in a Package.

MILK SKIMMERS



Retinned Iron Handle.

Solid		
	Solid	Pierced
Nos.	60	65
Inches	4 1/2	4 1/2
Wt. Dozen, Lbs.	3 1/2	3
Per Dozen	\$1.20	1.80

One Dozen in a Package.

GRAVY STRAINERS



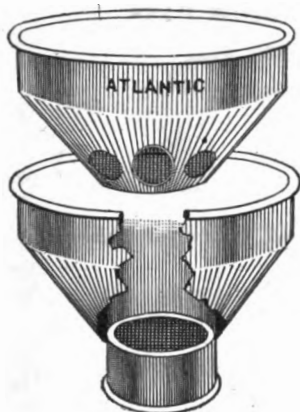
Retinned, Enameled Wood Handle, Perforated Tin Bottom.

Nos.	20	30
Inches	4 1/4	5 1/4
Wt. Dozen, Lbs.	2 1/2	4
Per Dozen	\$1.40	1.80

One-half Dozen in a Package.

STAMPED TINWARE

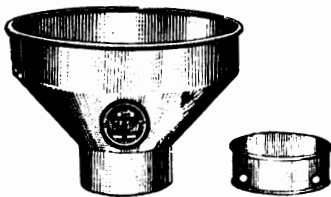
MILK STRAINERS



Illinois Pattern.

IXXXX, Tin, Seamless, Double, Inside
Strainer 100 Mesh, Outside 70 Mesh.

No.	910
Cap., Qts.	10
Inches	12 1/2 x 8 1/2
Wt. Dozen, Lbs.	60
Per Dozen	\$36.00



Anti-Rust, Seamless, 70 Mesh Press
Strainer Cloth, with Slip Foot.

	IXXX	IXXXX
Nos.	302	308 410
Cap., Qts.	3	6 10
Inches	9 1/4 x 6 3/4	10 3/4 x 8 12 1/4 x 9 1/2
Wt. Doz., Lbs.	24	30 36
Per Dozen ...	\$10.00	15.00 20.00



Sanitary, Retinned, with Hoop and Rim
to Fasten Cloth.

No.	33
Inches	10 1/4
Wt. Per Dozen, Lbs.	10
Per Dozen	\$4.50

One-half Dozen in a Package.



Plain, with Foot.

Nos.	21	22	23
Inches	10	10 1/2	11 1/2
Wt. Doz., Lbs.	6	7 1/2	8 1/2
Per Dozen	\$2.20	2.50	2.90

One-half Dozen in a Package.

MILK CAN STRAINERS

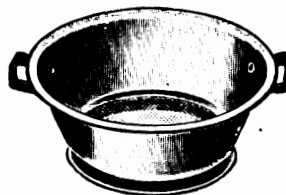


Retinned, 4 1/2 inch Strainer Cloth.

No.	011
Inches	10 1/2
Wt. Per Dozen, Lbs.	14
Per Dozen	\$7.80

One Dozen in a Crate.

JELLY STRAINERS



Retinned, Side Handles, Twilled Wire
Bottom.

No.	16
Inches	7 1/2 x 3
Wt. Per Dozen, Lbs.	11
Per Dozen	\$2.00

One Gross in a Case.

FAMILY SCOOPS



Retinned, Iron Handles.

Nos.	34	35
Inches	5 x 3 1/2	5 1/2 x 3 3/4
Wt. Doz., Lbs.	2 1/2	3 1/2
Per Dozen	\$1.40	1.70

One-half Dozen in a Package.

SPICE SCOOPS



Retinned, Ring Handle.

Nos.	0	00
Inches	3 1/2 x 3	5 x 3 1/4
Wt. Dozen, Lbs.	1 1/4	2
Per Dozen	\$1.00	1.20

One-half Dozen in a Package.

THUMB SCOOPS



Retinned.

Nos.	12	14	16
Inches	5 x 3	6 x 3 1/4	7 1/2 x 3 3/4
Wt. Doz., Lbs.	2 1/2	2 3/4	3
Per Dozen ...	\$1.80	1.50	1.80

One-half Dozen in a Package.

GROCERS' SCOOPS



Retinned, Open.

Nos.	2	3
Inches	6 3/4 x 4 3/4	8 x 5 1/2
Wt. Doz., Lbs.	5	7
Per Dozen	\$2.80	3.40
Nos.	4	5
Inches	9 3/4 x 6 3/4	11 x 7 1/4
Wt. Doz., Lbs.	9	12
Per Dozen	\$4.25	5.00

One-half Dozen in a Package.



Retinned, Covered.

Nos.	20	30
Inches	6 3/4 x 4 3/4	8 x 5 1/2
Wt. Doz., Lbs.	7 1/2	8 1/2
Per Dozen	\$4.25	5.00
Nos.	40	50
Inches	9 3/4 x 6 3/4	11 x 7 1/4
Wt. Doz., Lbs.	14	18
Per Dozen	\$6.00	7.25

One-sixth Dozen in a Package.



Seamless, Planished.

Nos.	61 1/2	62
Inches	3 5/8 x 4 3/8	4 x 6 1/2
Per Dozen	\$8.00	9.50

Three Dozen in a Case.



Steel, Retinned, Wood Handle.

No.	165
Inches	8 5/8 x 6 3/8
Wt. Dozen, Lbs.	36
Per Dozen	\$16.50

Open Stock.

TEA SCOOPS



Retinned, Round Tin Handle.

Nos.	13	15
Inches	5 x 3	6 x 3 1/4
Wt. Dozen, Lbs.	1 1/2	1 3/4
Per Dozen	\$1.40	1.50

One-half Dozen in a Package.

STAMPED TINWARE

PERFECTION CAKE TINS

SQUARE SHALLOW PANS



Tin, Plain, Removable Bottom, for Roll and Loaf Cake.

Nos.	700	800	900
Inches	8 1/2 x 8 1/2 x 1	8 3/4 x 8 3/4 x 1 1/2	9 x 9 x 2 1/2
Wt. Dozen, Lbs.	7 1/2	8	9
Per Dozen	\$1.80	2.20	2.80

One Dozen in a Package.

ROUND SHALLOW PANS

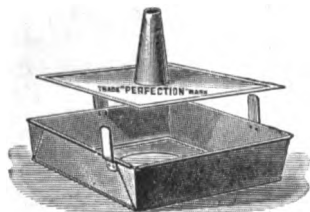


Tin, Plain, Removable Bottom, for Layer Cake and Pies.

Nos.	0	1	2
Inches	8 x 1	9 1/4 x 1	10 1/4 x 1
Wt. Per Dozen, Lbs.	4	5	6
Per Dozen	\$1.10	1.20	1.35

One Dozen in a Package.

SQUARE CAKE PAN



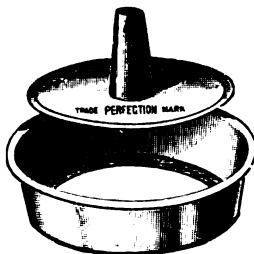
With Tube.

Tin, Plain, Removable Bottom, with Legs, for Baking Angel Food Cake.

No.	90
Inches	9 x 9 x 2 1/2
Weight Per Dozen, Lbs.	9 1/2
Per Dozen	\$4.40

One Dozen in a Package.

DEEP ROUND PANS, WITH TUBE



Tin, Plain, Removable Bottom, for Loaf Cake.

Nos.	6 1/2	7
Inches	9 3/4 x 2 3/4	10 1/4 x 2 3/4
Weight Per Dozen, Lbs.	7 1/2	8
Per Dozen	\$2.30	2.60

One Dozen in a Package.

ROUND SHALLOW PANS

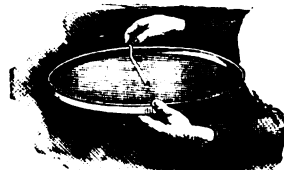


Tin, Plain, Removable Bottom, for Layer Cakes and Pies.

Nos.	111	222
Inches	9 1/2 x 1 3/4	10 1/8 x 1 3/8
Wt. Per Dozen, Lbs.	5	5 3/4
Per Dozen	\$1.50	1.60

One Dozen in a Package.

CLEAN CUT

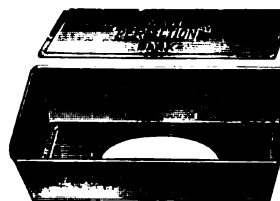


One Turn of the Knife Separates the Cake or Pie from the Tin.

Nos.	5	15
Inches	9 1/4 x 1	10 1/4 x 1
Wt. Per Dozen, Lbs.	5	6 1/4
Per Dozen	\$1.10	1.20

One-half Dozen in a Package.

OBLONG DEEP PANS



Tin, Plain, Removable Bottom, for Loaf Cake and Bread.

Nos.	200	300
Inches	9 1/2 x 5 1/2 x 2 3/4	10 1/2 x 6 1/2 x 2 3/4
Wt. Per Dozen, Lbs.	8 1/4	12
Per Dozen	\$2.60	3.20

One Dozen in a Package.

DEEP ROUND PANS



Tin, Plain, Removable Bottom, for Loaf Cake.

No.	3
Inches	10 1/8 x 2 3/8
Weight Per Dozen, Lbs.	7
Per Dozen	\$2.30

One Dozen in a Package.

HERCULES PIECED TINWARE

COFFEE BOILERS



IXXX, Heavy, Polished, Tin Bottom, Bail and Side Handle.

Nos.	508	510	512	516	520
Trade Cap., Qts.	8	10	12	16	20
Inches	8 3/4	10	10 5/8	11 1/2	12 1/4
Wt. Dozen, Lbs.	40	50	50	75	90
Per Dozen	\$22.10	27.60	31.90	37.40	44.30



IXXX, Heavy, Polished, Copper Bottom, Bail and Side Handle.

Nos.	608	610	612	616	620
Trade Cap., Qts.	8	10	12	16	20
Inches	8 3/4	10	10 5/8	11 1/2	12 1/4
Wt. Dozen, Lbs.	40	50	50	75	90
Per Dozen	\$27.50	37.40	44.30	52.50	60.80

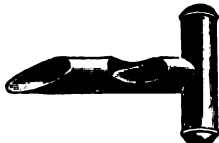
COLANDERS



IXXX, Heavy, Polished.

Nos.	109 1/2	110 1/2	111 1/2	113 1/2	115
Inches	9 1/2	11	11 1/2	13 1/2	15
Wt. Dozen, Lbs.	17	20	30	35	45
Per Dozen	\$11.10	13.00	14.90	18.50	27.50

APPLE CORERS



IXXX, Heavy, Polished.

No. 11—6x3 3/8 inches, Weight Per Dozen 1 1/2 Lbs. . . . \$1.75

CAKE CUTTERS



IXXX, Heavy, Polished.

Nos.	82 1/2	83
Inches	2 1/2	3
Weight Per Dozen, Lbs	1 1/4	1 1/2
Per Dozen	\$1.67	1.80

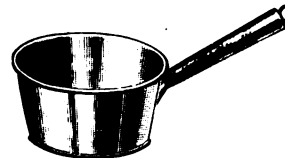
DOUGHNUT CUTTERS



IXXX, Heavy, Polished.

Nos.	92 1/2	93
Inches	2 1/2	3
Weight Per Dozen, Lbs.	1 1/2	1 3/4
Per Dozen	\$1.80	1.94

LAUNDRY DIPPERS



IXXX, Heavy, Polished.

Nos.	222	223	224
Trade Capacity, Quarts.	2	3	4
Inches	6 1/2 x 3 1/2	6 7/8 x 4	8 x 5
Per Dozen	\$5.50	6.60	7.50

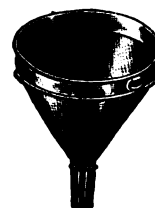
WATER DIPPERS



IXXX, Heavy, Polished.

Nos.	401	402	403	404
Trade Capacity, Quarts.	1	2	3	4
Inches	5 3/4 x 3	6 1/2 x 3 1/2	6 7/8 x 4	8 x 5
Weight Per Dozen, Lbs.	8	9	9 1/2	11
Per Dozen	\$5.00	5.50	6.60	7.50

FUNNELS

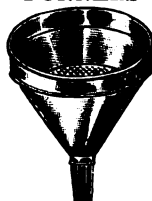


IXXX, Heavy, Polished, with Rim.

Nos.	200	215	220	225	230	235
Trade Capacity, Pints.	1/4	1/2	1	2	4	8
Inches	2 3/8	3 3/8	4 1/2	5 3/4	7 1/4	9 3/8
Weight Per Dozen, Lbs.	3 1/2	4	4 1/2	5	5 1/2	7
Per Dozen	\$3.40	4.30	5.00	5.90	8.50	11.30

HERCULES PIECED TINWARE

FUNNELS



IXXX, Heavy, Polished, with Strainer.

Nos.	310	315	320	325	330	335
Trade Cap., Pts....	$\frac{1}{4}$	$\frac{1}{2}$	1	2	4	8
Inches	2 $\frac{3}{8}$	3 $\frac{3}{8}$	4 $\frac{1}{2}$	5 $\frac{3}{8}$	7 $\frac{1}{4}$	9 $\frac{3}{8}$
Per Dozen	\$2.15	2.50	2.95	3.95	5.25	6.55

MILK KETTLES



Heavy, Polished, Improved Seamless Straight Breast, Iron Hoop in Bottom, Reinforced Collar, with Ball.

	IXXX	IXXX	IXXXX	IXXXX
Nos.	174	176	178	210
Quarts	4	6	8	10
Inches	6 $\frac{3}{4}$	7 $\frac{1}{2}$	8 $\frac{1}{4}$	8 $\frac{7}{8}$
Per Dozen	\$8.80	10.20	12.05	14.80

	IXXXX	IXXXX	IXXXX
Nos.	212	216	220
Quarts	12	16	20
Inches	9 $\frac{3}{4}$	10 $\frac{1}{2}$	10 $\frac{1}{2}$
Per Dozen	\$18.50	20.30	24.00

BOSTON MILK KETTLES



IXXX, Heavy, Polished, Improved Seamless Straight Breast, Iron Hoop in Bottom, Reinforced Collar, with Side Handle.

Nos.	182	183	184	186	188
Quarts	2	3	4	6	8
Inches	5 $\frac{3}{8}$	6 $\frac{1}{4}$	6 $\frac{3}{8}$	7 $\frac{1}{2}$	8 $\frac{1}{4}$
Per Dozen	\$6.05	7.50	8.80	10.20	12.05

NOTE—No. 188 is Made of IXXXX Tin.

LIPPED MEASURES



IXXX, U. S. Standard, Heavy, Polished, with Seamless Lip.

Nos.	141	142	143	144	145	146
Pints	$\frac{1}{4}$	$\frac{1}{2}$	1	2	4	8
Inches	2 $\frac{1}{4}$ x2 $\frac{5}{8}$	3x3	3x4 $\frac{1}{4}$	4 $\frac{1}{4}$ x5 $\frac{1}{8}$	5 $\frac{1}{4}$ x7 $\frac{1}{2}$	6 $\frac{3}{8}$ x9 $\frac{1}{4}$
Per Dozen...	\$1.65	2.00	2.65	3.95	5.95	7.90

STRAINER PAILS

NATIONAL



IXXX, Polished, Seamless Foot, Detachable Strainer.

Nos.	104	124
Trade Capacity, Quarts.....	10	12
Inches	10 $\frac{1}{2}$ x9x9 $\frac{1}{4}$	12x9 $\frac{1}{2}$ x10 $\frac{1}{4}$
Weight Per Dozen, Lbs.....	60	65
Per Dozen	\$13.75	15.75

SOUP STRAINERS



IXXX, Heavy, Polished.

Nos.	110	120
Inches	6 $\frac{3}{4}$ x2 $\frac{3}{4}$	9 $\frac{1}{2}$ x3 $\frac{3}{4}$
Per Dozen	\$3.75	5.50

STEAM COOKERS

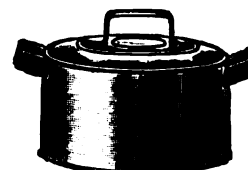
NATIONAL



IXXX, Heavy, Polished, Copper Bottom.

Nos.	242	243	245
Vessels	4	4	4
Quarts Each Vessel.....	2	3	5
Diameter, Inches	7 $\frac{7}{8}$	9	10 $\frac{1}{4}$
Per Dozen	\$22.15	27.65	33.20

STEAMERS



IXXX, Heavy, Polished, High Stamped Rimmed Cover.

Nos.	77	88	99
Inches	10x5 $\frac{1}{4}$	10 $\frac{3}{4}$ x5 $\frac{1}{4}$	12x5 $\frac{1}{4}$
Per Dozen	\$8.30	9.25	11.05

LUNCH BOXES

UNIVERSAL

The Universal Vacuum Bottle has a capacity of 1 pint and warranted to keep the contents hot for 24 hours or cold for 72 hours. The bottle is made of highly silvered glass and is held in place inside of a heavy tin guard case by a metal spring container.

The food drawer, when closed, is held securely in place by an automatic spring catch. There is no need of strap or other additional locking device. The automatic spring catch is thoroughly dependable.

Free circulation of air throughout the box when closed is made possible by a number of vent holes in the top and sides, which keeps the box sweet and the food within it fresh, appetizing and wholesome.



	Each
No. 10—10 inches Long, 4 1/2 inches Wide, 7 inches High, Heavy Tin, Tan Finish, Collapsible Genuine Leather Handle, Brass Plated Trimmings, Complete with Universal Vacuum Bottle and Drinking Cup.....	\$2.50
No. 310—Black Finish, Nickeled Trimmings, Otherwise Same as No. 10.....	2.50
No. 410—Monitor Gray Finish, with No. 21 Bottle, Otherwise Same as No. 10.....	2.75

UNIVERSAL VACUUM BOTTLES

	Each
No. 21—Brown Enameled Case, Aluminum Shoulder and Cap, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber, Weight Each About 1 1/2 Lbs.	\$1.50

	Each
No. 20—10 inches Long, 4 1/2 inches Wide, 7 inches High, Heavy Tin, Tan Finish, Collapsible Genuine Leather Handle, Brass Plated Trimmings, Complete with Universal Vacuum Bottle, Drinking Cup and Two Aluminum Trays.....	\$2.75
No. 320—Black Finish, Nickeled Trimmings, Otherwise Same as No. 20.....	2.75
No. 420—Monitor Gray Finish, with No. 21 Bottle, Otherwise Same as No. 20.....	\$3.00

PARTS FOR UNIVERSAL LUNCH BOXES

	Each
No. 01—Extra Vacuum Fillers for Lunch Kits.....	\$1.00
Springs—For Vacuum Bottles .....	.25
Corks—For Vacuum Bottles	\$0.70

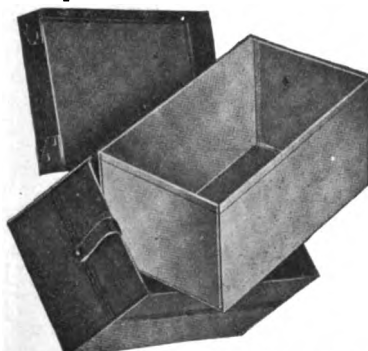
FIBRE LUNCH BOXES



Best Quality Imperial Black Fibre, Leather Handle, Snap Fastener.

No.	17A
Inches	8x4 3/4 x4 3/4
Per Dozen	\$3.80

When folded this Box resembles a ladies' hand purse. Just the right size to fit an inside or outside pocket. Has collapsible handle and opens or closes instantly.



Best Quality Solid Black Fibre, Shellac Coated Inside and Outside, with Removable Tin Box, Good Quality Grain Leather Strap and Buckle.

No.	8
Inches	8x4 1/2 x4
Per Dozen	\$4.00

OBLONG LUNCH BOXES

One-Piece Hinged and Hasped Cover, Japanned Brown.

Nos.	10	20
Inches	7 1/2 x4 1/2 x5	8 7/8 x5 1/4 x6 1/2
Wt. Dz., Lbs.	13	17
Per Dozen	\$4.00	4.60



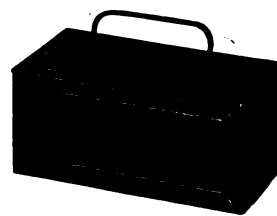
Best Quality Solid Black Fibre, Shellac Coated Inside and Outside, Fastened with Wire Staples, Good Quality Leather Strap and Handle, with Buckle.

Nos.	132	131	130
Inches	6x4 3/4 x4	7x5 1/2 x4 1/2	8x6x5
Weight Per Dozen.....	3 lbs. 4 oz.	4 lbs. 5 oz.	5 lbs. 7 oz.
Per Dozen	\$1.60	2.00	2.20

FOLDING LUNCH BOXES

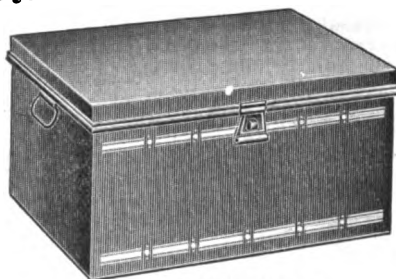
Japanned Brown, without Flask.

Nos.	1	2
Inches	7 3/4 x3 3/4 x3 3/4	9x4x4
Wt. Doz., Lbs.	7 1/2	9
Per Dozen.....	\$3.40	4.20



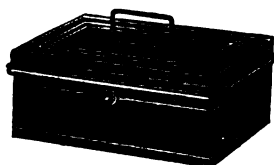
JAPANNED WARE

SQUARE BREAD OR CAKE BOXES



Japanned Rich Brown.						
Nos.	10	11	12	13	14	15
Inches	11 1/4 x 7 1/4 x 8	12 1/2 x 8 1/2 x 8 1/2	13 1/2 x 9 1/4 x 9 1/2	15 x 10 1/4 x 11 1/2	17 x 10 3/4 x 12 1/2	19 x 10 1/2 x 13 1/2
Weight Per Dozen, Lbs.	38	53	61	70	77	84
Per Dozen	\$9.50	11.00	12.75	15.00	16.50	21.00
Japanned Green, Red and Blue, Gold Trimmings.						
Nos.	50	51	52	53	54	55
Inches	11 1/4 x 7 1/4 x 8	12 1/2 x 8 1/2 x 8 1/2	13 1/2 x 9 1/4 x 9 1/2	15 x 10 1/4 x 11 1/2	17 x 10 3/4 x 12 1/2	19 x 10 1/2 x 13 1/2
Weight Per Dozen, Lbs.	38	53	61	70	77	84
Per Dozen	\$9.50	11.00	12.75	15.00	16.50	21.00
One-quarter Dozen in a Crate.						

CASH BOXES



IX, Japanned Black, Gold Striped with Lock and Sunk Handle.

Nos.	0	1
Inches	8 1/2 x 3 1/4 x 5 3/4	9 1/2 x 3 1/2 x 6 3/4
Wt. Dz., Lb.	16	20
Per Dozen.	\$9.50	10.00
Nos.	2	3
Inches	10 1/2 x 4 1/2 x 7 1/2	11 1/2 x 5 3/8 x 8 3/8
Wt. Dz., Lb.	26	31
Per Dozen.	\$11.50	15.00
No.		4
Inches		13 1/2 x 5 5/8 x 9 1/2
Wt. Dz., Lb.		35
Per Dozen.		\$16.00

SUGAR BOXES



Japanned Brown, Seamless Cover.			
Nos.	10	20	30
Cap., Lbs.	3 1/2	7	10
Inches	5 5/8 x 6 1/8	7 x 7 1/2	7 1/2 x 8 1/4
Wt. Dz., Lbs.	12	17	23
Per Dozen ...	\$2.50	3.00	4.25

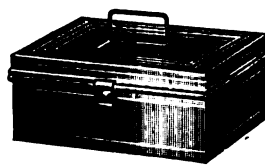
Flat Hinged and Hasped Covers.			
No.	210		
Cap., Lbs.	18 1/2		
Inches ...	10 x 8 1/2		
Wt. Dz., Lb.	35		
Per Dozen.	\$11.50		
No.	212		
Cap., Lbs.	42 1/2		
Inches ...	12 3/4 x 12 1/2		
Wt. Dz., Lb.	58		
Per Dozen.	\$15.00		

PEPPER BOXES

Japanned Brown, Handled.



Nos.	15	25
Cap., Oz.	1	3
Inches	1 1/2 x 2 1/2	2 x 3 1/2
Wt. Dz. Lbs.	1	1 1/4
Per Dozen...	\$0.50	.60



IX, Japanned Black, Gold Striped, with Hasp and Sunk Handle.

Nos.	0	1
Inches	8 1/2 x 3 1/4 x 5 3/4	9 1/2 x 3 1/2 x 6 3/4
Wt. Doz., Lbs.	13 1/2	15 1/2
Per Dozen....	\$7.00	7.50
Nos.	2	3
Inches	10 1/2 x 4 1/2 x 7 1/2	11 1/2 x 5 3/8 x 8 3/8
Wt. Doz., Lbs.	17	20 1/2
Per Dozen....	\$9.00	10.50
No.		4
Inches		13 1/2 x 5 5/8 x 9 1/2
Wt. Doz., Lbs.		24
Per Dozen....		\$14.00

ROUND SPICE BOXES



Covered, Japanned Brown, Seven Round Inside Boxes and Grater.

Per Dozen
No. 6—9x4 inches,
Weight Per Dozen 25 Lbs.. \$10.50

SQUARE SPICE BOXES



Covered, Japanned Brown, Six Round Inside Boxes and Grater.

Per Dozen
No. 5—9 1/4 x 6 1/4 inches, Weight
Per Dozen 13 1/2 Lbs. \$14.50

DREDGE BOXES



Japanned Brown, Handled.			
Nos.	01	02	
Cap., Oz.	4	5	
Inches	2 3/4 x 2 3/4	2 3/4 x 3 1/2	
Wt. Doz., Lbs.	2	2 1/2	
Per Doz..	\$1.00	1.20	

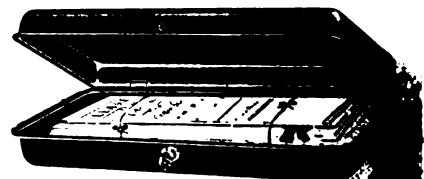
BOND BOXES



Per Dozen
No. 15 — 10 3/4 x
4x5 inches, Wt.
Per Dozen 13
Lbs. \$10.50

Japanned Black, Gold Striped, with Lock.

DOCUMENT BOX



Bessemer Steel, Baked Black, with Lock and Two Keys.

Per Dozen
No. 26 — 11 1/2 x 5 1/2 x 2 1/4 inches,
Weight Per Dozen 15 Lbs. \$6.00

FLOUR BOXES



Assorted Colors, Red, Blue, Green, Brown, Fancy Decorated.

Loose Covers.			
Asst. Color Nos..	10	20	
Brown Nos.	01	02	
Capacity, Lbs.	25	50	
Inches	10 1/2 x 15	12 7/8 x 18 7/8	
Wt. Doz., Lbs.	51	81	
Doz. in Crate....	1/6	1/6	
Per Dozen	\$14.00	19.50	

Hinged Covers.			
Asst. Col. No.	110	120	130
Brown Nos.	1	2	3
Cap., Lbs..	25	50	100
Inches ...	10 1/2 x 15 1/4	12 7/8 x 19	15 1/2 x 26
Wt. Dz., Lb.	52	96	162
Dz. in Crt.	1/6	1/6	1/12
Per Dozen.	\$15.00	20.00	30.00

JAPANNED WARE

FLOUR BINS AND SIFTERS



The Sifter proper is protected from the pressure of the flour in the bin by our New Shield, which enables the reels to work easily and smoothly and obviates all grinding through of foreign substances. A round tin tube protects the flour from coming in contact with the iron crank. Instead of scattering all over the bottom of the bin, the flour is directed into the proper receptacle by a Tin Skirt below the sifter. The sifter rests on a Strong Ring, extended all around the inside of the bin, holding sifter securely in place but still allowing it to be easily removed for cleaning.



Cream City, Japanned Assorted Colors, Red, Blue, French Gray and Brown, Decorated, Loose Cover.

	IX	IXX	IXX
Assorted Color Nos.	210	220	230
Brown Nos.	021	022	023
Capacity, Lbs.	25	50	100
Weight Per Dozen, Lbs.	150	215	240
Per Dozen	\$36.00	42.00	60.00

One in a Crate.

Superior, Japanned Assorted Colors, Red, Blue, Brown, Richly Decorated, Loose Cover.

	11	12
Assorted Color Nos.	011	012
Brown Nos.	25	50
Capacity, Lbs.	125	202
Weight Per Dozen, Lbs.	\$33.50	\$39.00

One in a Crate.

UPRIGHT CAKE CLOSETS



Square, Finished in Red and Blue, with Turn Buckles.

One Shelf.

	130	140
Nos.	12x15 1/2 x11 1/2	12x17 1/2 x13
Inches ..	84	102
Wt. Doz., Lbs.	84	102
Each ...	\$2.00	2.40

Two Shelves.

	150
No.	12x19 1/2 x14
Inches ..	132
Wt. Per Dozen, Lbs.	132
Each ...	\$3.00

UPRIGHT CAKE CLOSETS



Round Corners, One Piece Tight-Fitting Doors, Ventilated Back, Two Shelves, Top Handle, Gold Lettering.

	300	500
Nos.	10x15 1/2 x10 1/2	12 1/4 x18 1/4 x12 1/4
Inches ..	100	200
Weight Per Dozen, Lbs.	100	200
Each ...	\$1.60	1.80

Red, Blue, Green.

	325	525
Nos.	10x15 1/2 x10 1/2	12 1/4 x18 1/2 x12 1/4
Inches ..	100	200
Weight Per Dozen, Lbs.	100	200
Each ...	\$1.60	1.80

CAKE CLOSETS

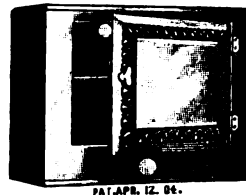


Square, Finished in Red and Blue, Drop Door, with Turn-buckle, Fits Pantry Shelves.

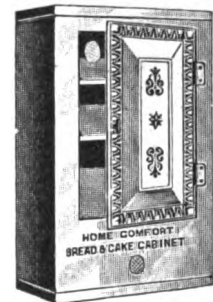
	340
No.	12x13x17 1/2
Inches ..	138
Wt. Dozen, Lbs.	138
Each ...	\$5.00

BREAD AND CAKE CABINETS

HOME COMFORT



No. 0.



Nos. 1 and 2.

Fancy Decorated, Collapsible, Patent Ventilating Feature, Door in Front, with Removable Shelves, Tin, Aluminum Bronze Finish.

	0	1	2
Nos.	17	15	17
Width, Inches	14	24	28
Height, Inches	11	12	13 1/2
Depth, Inches	8	13	18
Weight Each, Lbs.	\$2.00	3.50	4.50
Each ...			

The Home Comfort Bread and Cake Cabinet is absolutely proof against insects, mice, etc. Can be taken apart for cleaning in a few minutes. A strong feature of this cabinet is the ventilating system.

No. 0, One-half Dozen; Nos. 1 and 2, One-quarter Dozen in a

COMB CASES



Egyptian Lacquered.

No. 74—7 1/4 x 7 inches, Weight
Per Dozen 4 1/4 Lbs. \$2.20



No. 10—7 x 5 1/2 x 2 3/4 inches, Weight
Per Dozen 3 Lbs. \$1.20
One Dozen in a Package.

JAPANNED CANDLESTICKS



	Brown	Assorted
Nos.	00	0
Inches	5	5
Wt. Dozen, Lbs.	2 1/2	2 1/2
Per Dozen	\$0.80	.80

One Dozen in a Package.

CANISTERS, COFFEE OR TEA



Coffee, Assorted Colors, Hinged Cover.

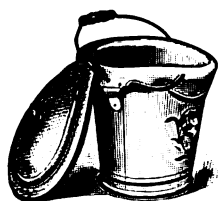
	1C	2C
Nos.	1	2
Capacity, Lbs.	4 3/8 x 5 1/2	5 5/8 x 6 5/8
Inches	5	10
Wt. Dozen, Lbs.	\$2.20	3.20

Tea, Assorted Colors, Hinged Cover.

	1T	2T
Nos.	1	2
Capacity, Lbs.	4 3/8 x 5 1/2	5 5/8 x 6 5/8
Inches	5	10
Wt. Dozen, Lbs.	\$2.20	3.20

One-half Dozen in a Package.

COMMODE PAILS



No. 12—12 Quart, Heavy Galvanized Iron, Neatly Flowered and Striped, Aluminum Finish, Especially Adapted to the Sick Room, Has a Perfect Seat, Seat is Rounded on Top and is Supported on the Outside with Braces Riveted to Sides of Pail, the Cover is Air Tight and Will Retain Every Particle of Odor, 1/2 Dozen in a strong Crate. ... Per Dozen, \$20.00
Weight Per Dozen 48 Pounds.

JAPANNED WARE

MOLASSES CUPS



Japanned Brown.

	1	2
Nos.	1	2
Capacity, Pints ...	1	2
Inches	3 3/4 x 4 3/4	4 1/4 x 5 1/4
Wt. Dozen, Lbs.	3	5
Per Dozen	\$2.70	3.30

One-half Dozen in a Package.

CUSPIDORS



Cast Iron, Self-Righting.

No. 5—9x6 inches, Enameled White Inside, Painted and Striped Outside, Weight Per Dozen 80 Lbs. \$10.00
One-half Dozen in a Crate.



Perfection, Cast Iron.

No. 7—9x6 inches, Enameled White Inside, Speckled Gray Outside, Weight Per Dozen 80 Lbs. \$11.00
One-half Dozen in a Crate.



Assorted Colors, Decorated.

	230
Nos.	7 3/8 x 5
Inches	8
Weight Per Dozen, Lbs.	\$3.00

One Dozen in a Crate.



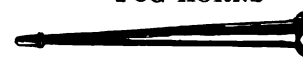
Assorted Colors, Striped.

	010	030
Nos.	7 x 3 3/8	7 5/8 x 5
Inches	8	9
Wt. Per Dozen, Lbs.	\$1.90	2.50

	040
Nos.	8 x 5 1/2
Inches	12
Wt. Per Dozen, Lbs.	\$3.20

Nos. 010 and 030, 12 Dozen; No. 040, 6 Dozen in a Crate.

FOG HORNS



Plain.

	122
Nos.	22
Inches	6
Weight Per Dozen, Lbs.	\$3.00

One-half Dozen in a Package.

HORNS



Plain.

	Per Dozen
No. 8—12 inches Long, Weight	
Per Dozen 2 Lbs.	\$1.20

Lacquered.

	Per Dozen
No. 13—12 inches Long, Weight	
Per Dozen 3 Lbs.	\$1.60



Red, White and Blue.

	Per Dozen
No. 23—12 inches Long, Weight	
Per Dozen 3 Lbs.	\$2.00

One-half Dozen in a Package.

PIGMY HORNS



	Per Dozen
No. 1—4 inches Long, Weight	
Per Dozen 1/2 Lb.	\$0.60

One Dozen in a Package.

SLOP JARS



Assorted Colors, with Foot, Bailed, with Gilt Bands.

	Per Dozen
No. 310J—10 Quarts, 11 x 9 1/2 inches, Weight Per Dozen 30 Lbs.	\$8.20

CHAMBER PAILS



Assorted Colors, with Breasts and Feet, Banded.

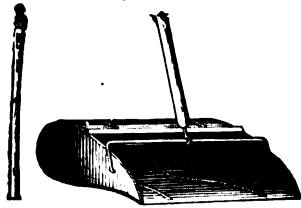
	310	312
Nos.	10	12
Quarts	10 1/4 x 10 1/4	11 1/4 x 10 1/4
Inches	25	30
Wt. Dozen, Lbs.	\$7.90	8.70

	314
No.	14
Quarts	12 1/2 x 11 1/4
Inches	35
Wt. Dozen, Lbs.	\$10.00

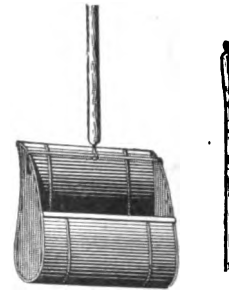
One-half Dozen in a Crate.

JAPANNED WARE

DUST PANS DELPHOS



Cut Shows Position when in Use.



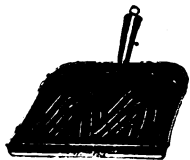
Cut Shows Position when Carrying.

Long Handle.

No. 2—Delphos. 10x10 inches, 28 Gauge Green Enameled Iron Pan, 26 inch Varnished Hardwood Handle with Screw Eye for Hanging Up. Per Dozen \$3.80

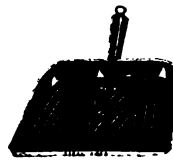
Requires no stooping, being held close to floor while user is standing upright. Pan is so constructed that dirt cannot be swept over top, and can be easily carried or hung up when full of sweepings.
Weight Per Dozen 20 Pounds.
One Dozen in a Crate.

DUST PANS



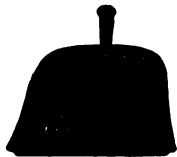
Steel Edge, 1 1/4 inches Wide, Japanned Black.

No. 3—Covered, 9x12 1/2 inches, Weight Per Dozen 9 Lbs. \$6.00
One-third Dozen in a Package.



Steel Edge, 1 1/4 inches, Japanned Black.

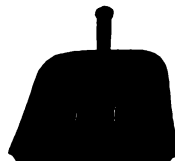
No. 1—Open, 9x12 1/2 inches, Weight Per Dozen 9 Lbs. \$3.90
One-third Dozen in a Package.



Covered, IC, Round Handle Through Back.

	Japanned Black	Asst. Colors
Nos.	16	17
Inches	9x13	9x13
Wt. Per Dozen, Lbs.	8	8
Per Dozen	\$2.00	2.20

One-quarter Dozen in a Package.



Open, IC, Round Corners, Round Handle Through Back, Japanned Black.

Nos.	4
Inches	9x13
Weight Per Dozen, Lbs.	6 1/2
Per Dozen	\$1.20

One-half Dozen in a Package.

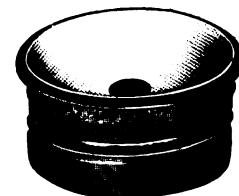
CRUMB PANS AND BRUSHES



Japanned Assorted Colors, Black Bristle Brush.

No. 1—9 1/4 x 5 3/4 inches, Weight Per Dozen 5 Lbs. \$5.00

CLUB SPITTOONS



Seamless, Wrought Steel, Removable Top, Triple Enameled Top and Inside, Japanned Outside, Red, Blue, Green.

No. 75—10 3/4 x 5 inches, Weight Per Dozen 60 Lbs. \$17.50
One-half Dozen in a Crate.

WATERING POTS



Japanned Green, with Roses, New One-Piece Spout, Large Oval Breast Opening, Top and Back Handle and Roses Soldered to Body.

Nos.	201	202	203	204
Trade Capacity, Quarts.	1	2	3	4
Inches	4 3/4 x 4 3/4	5 1/2 x 5 1/4	5 1/2 x 5 3/4	6 3/4 x 6
Weight Per Dozen, Lbs.	12	14	16	20
Per Dozen	\$3.50	4.00	4.80	5.80

Nos.	206	208	210	212
Trade Capacity, Quarts.	6	8	10	12
Inches	7 3/4 x 7	8 3/4 x 8 1/4	10 x 8 3/4	10 3/4 x 9 1/4
Weight Per Dozen, Lbs.	25	42 3/4	45	54
Per Dozen	\$6.60	8.00	10.00	11.50

Nos. 204 to 212.
Nos. 201 to 203 Have Round Tin Spouts.

JAPANNED WARE

OVAL TEA TRAYS



No. 395—Japanned, Gold Leaf Design.

Size	12	14	16	18	20
Dimensions, Inches	12x9 ¾	14x11 ½	16x13 ½	18x14 ¾	20x16
Weight Per Dozen, Lbs.	6 ½	7 ¼	10 ½	14	19
Per Dozen	\$1.90	2.30	2.80	3.30	4.20

Size	22	24	26	28
Dimensions, Inches	22x17 ½	24x20	26x21	28x23
Weight Per Dozen, Lbs.	26	37	38	55
Per Dozen	\$5.00	6.50	8.40	10.50

One-quarter Dozen in a Package.

EMBOSSED TRAYS



Round, Bright Finish.

Per Dozen

No. 13—13 inches Diameter, Weight Per Dozen 7 Lbs. \$1.50
One-half Dozen in a Package.

Oblong, Bright Finish.

Per Dozen

No. 14—10 ½ x 14 inches, Weight Per Dozen 8 Lbs. \$1.90
One-half Dozen in a Package.

SITZ BATH TUBS

Japanned Rich Dark Green Outside and
Light Blue Inside.

Nos.	22	24
Gallons	8 ½	11 ¾
Inches	34x23x17	35x24x18 ½
Wt. Doz., Lbs.	184	274
Each	\$6.80	7.60

One in a Crate.

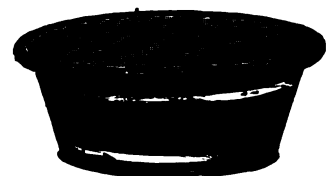
COMBINATION BATH TUBS

Japanned Rich Dark Green Outside and
Light Blue Inside.

No.	35
Gallons	10 ¾
Inches	35x30x19 ½
Wt. Per Dozen, Lbs.	288
Each	\$9.00

One in a Crate.

OVAL FOOT TUBS

Heavy Tinplate, Heavy Rolled Edges,
Japanned Assorted Colors, Olive,
Red or Green, Gold Banded.

No.	50
Gallons	5 ½
Inches	21x17x19
Wt. Per Dozen, Lbs.	77
Per Dozen	\$20.40

One-half Dozen in a Case.

OVAL FOOT TUBS



Japanned Green, Gold Rims, Heavy Wire Handles.

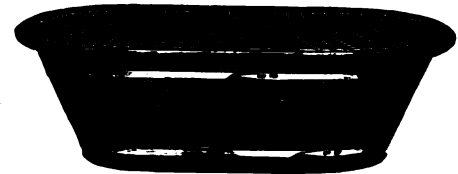
Nos.	51	52	53	54
Gallons	3	3 ½	5	6
Inches	16x11 ½ x 6 ¼	17x14x6 ¾	18x14 ½ x 8	20x15x8 ½
Wt. Doz., Lbs.	31	32	33	39
Per Dozen	\$5.40	6.80	8.00	11.00

INFANT BATH TUBS

Heavy Wired Top
Rim, Heavy Wire Han-
dles, Japanned Green,
Gold Rims.

Nos.	1	2	3	4	6
Gallons	7 ¼	8 ½	10	13	19
Length, Inches	27	30	33	36	42
Wt. Dozen, Lbs.	60	70	80	90	120
Per Dozen	\$22.00	27.00	33.00	39.00	46.00

INFANT BATH TUBS

Heavy Tin Plate, Rolled Edges, Asst. Colors, Olive, Red or
Green.

No.	55
Gallons	12 ½
Inches	33 ½ x 16 ½ x 10
Weight Each, Lbs.	125
Per Dozen	\$46.80

PLUNGE BATH TUBS

Japanned Rich Dark
Green Outside, Light Blue
Inside, Heavy Tin Plate
Body, Wood Bottom, Wire
Handle.

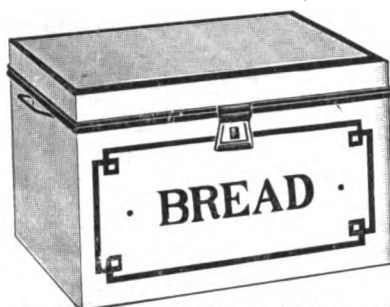
Nos.	4P	5P	6P
Gallons	25	34	64
Length, Feet	4	5	6
Weight Each, Lbs.	30	33	45
Each	\$9.00	10.50	12.00

One in a Crate.

WHITE JAPANNED WARE

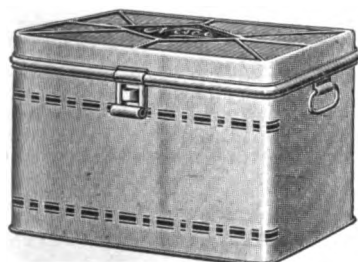
CREAM CITY

BREAD OR CAKE BOXES



Square, Japanned White, Gold Trimmings.			
Nos.	150	151	152
Inches	11 1/4 x 7 1/4 x 8	12 1/2 x 8 1/2 x 8 1/2	13 1/2 x 9 1/4 x 9 1/2
Wt. Doz., Lbs.	40	52	58
Per Dozen ...	\$10.00	12.00	14.00
Nos.	153	154	155
Inches	15x10 1/4 x 11 1/2	17 1/2 x 10 3/4 x 12 1/2	19x10 1/2 x 13 1/2
Wt. Doz., Lbs.	68	80	88
Per Dozen ...	\$16.00	18.00	22.00

One-quarter Dozen in a Crate.



Round Corners, Japanned White, Fancy Gilt Decorations.

Nos.	011N
Inches	12 7/8 x 8 3/4 x 8 1/4
Wt. Doz., Lbs.	30
Per Dozen ...	\$10.50

Nos.	012N
Inches	14x10x9 1/2
Wt. Doz. Lbs.	40
Per Dozen ...	\$12.00

Nos.	013N	014N	015N
Inches	15 1/2 x 11 1/4 x 10 1/8	17 1/2 x 12 3/8 x 10 3/8	19 3/8 x 14 x 10 3/8
Wt. Doz., Lbs.	54	60	68
Per Dozen ...	\$14.50	16.00	20.00

FLOUR BOXES

Japanned White, Gold Trimmings, Extra Heavy Tin Plate, Hinged Covers.

Nos.	400	500
Capacity, Lbs.	25	50
Inches	10 1/8 x 15 1/4	12 3/8 x 19
Wt. Doz., Lbs.	90	142
Per Dozen ...	\$22.00	32.00
Nos.	600	
Capacity, Lbs.	100	
Inches	15 1/2 x 26	
Wt. Doz., Lbs.	240	
Per Dozen ...	\$44.00	

Japanned White, Gold Trimmings.

	Loose Covers		Hinged Covers		
Nos.	105	205	410	420	430
Capacity, Lbs.	25	50	25	50	100
Inches	10 1/8 x 15	12 3/8 x 18 1/2	10 1/2 x 15 1/4	12 3/8 x 19	15 1/2 x 26
Wt. Doz., Lbs.	50	80	50	100	160
Per Dozen . . .	\$14.00	20.00	15.00	20.00	30.00

25 and 50 Lb., 1 in a Carton; 100 Lb., 1 in a Wooden Box.

25 and 50 Lb., 1 in a Carton; 100 Lb., 1 in a Wooden Box.

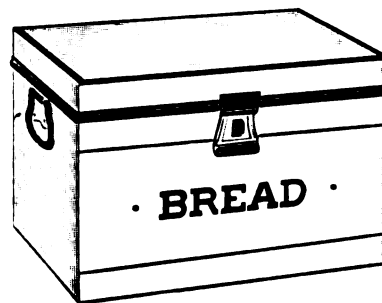
SUGAR BOXES

Heavy Tin Plate, Hinged Cover, Japanned White, Gold Trimmings.

Nos.	50	70
Capacity, Lbs.	5	7
Inches	6 1/4 x 5 3/4	7 x 6 1/2
Wt. Dozen, Lbs.	18	26
Per Dozen ...	\$9.00	11.00
Nos.	100	200
Capacity, Lbs.	12	25
Inches	8 1/4 x 7 1/2	10x10 1/2
Wt. Dozen, Lbs.	35	58
Per Dozen ...	\$15.00	18.00



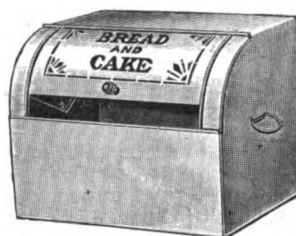
BREAD BOXES



Square, Heavy Tin Plate, Japanned White, Gold Trimmings.

Nos.	82	83
Inches	13 1/2 x 9 1/4 x 9 1/2	15x10 1/4 x 11 1/2
Weight Per Dozen, Lbs.	78	98
Per Dozen	\$20.00	25.00
Nos.	84	85
Inches	17x10 3/8 x 12 1/2	19x10 1/2 x 13 1/2
Weight Per Dozen, Lbs.	126	140
Per Dozen	\$30.00	34.00

One in a Carton.



White Japanned, Roll Top.

Nos.	041N
Inches	14 1/4 x 10 1/2 x 10 1/2
Wt. Dozen, Lbs.	56
Per Dozen	\$16.00

One-quarter Dozen in a Crate.

FLOUR BINS AND SIFTERS



Japanned White, Gold Trimmings, Loose Cover, Rotary Sifter.

Nos.	310	320
Capacity, Lbs.	25	50
Wt. Dozen, Lbs.	130	180
Per Dozen ...	\$44.00	54.00
Nos.	330	
Capacity, Lbs.	100	
Wt. Dozen, Lbs.	190	
Per Dozen ...	\$76.00	

Two in a Crate.

TEA OR COFFEE CANS

Heavy Tin Plate, Hinged Cover, Japanned White, Gold Trimmings.

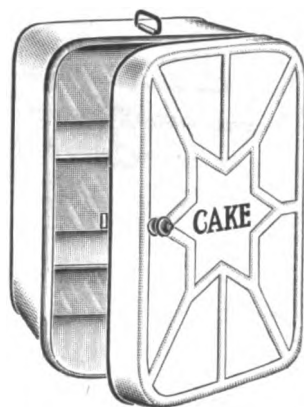
Nos.	11 1/2	13
Capacity, Lbs.	7 1/2	2
Inches	4x5	5 1/2 x 5 1/2
Weight Dozen, Lbs.	9	14
Per Dozen	\$7.50	8.50

Furnished Stenciled, Either Tea or Coffee.



WHITE JAPPANED WARE

UPRIGHT CAKE CLOSETS



Round Corners, Jappanned White, Gold Lettering, One Piece
Tight Fitting Doors, Ventilated Backs, Two Shelves,
Top Handle.

Nos.	350	550
Inches	10x15 1/2 x10 1/2	12 1/4 x18 1/2 x12 1/4
Wt. Dozen, Lbs.	100	200
Per Dozen	\$21.00	22.50

One in a Carton.

ENAMELED COMMUNE CHAMBER PAILS



Jappanned Outside.

Seamless Heavy Steel Commode At-
tachment, Triple Enameled Coating,
Richly Jappanned, Gold Banded, Re-
movable Top, Easily Cleaned.

No.	450
Quarts	11 3/4
Inches	11 1/8 x10 1/8
Wt. Dozen, Lbs.	70
Per Dozen	\$30.00

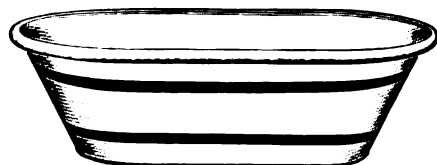
One-half Dozen in a Box.

INFANTS' BATH TUBS



Heavy Tin Plate, Heavy Drop Handles, Jappanned White, Gold
Trimmings.

Nos.	30	33	36
Gallons	8 1/2	10 1/2	13
Length, Inches	30	33	36
Weight Per Dozen, Lbs.	72	86	96
Per Dozen	\$33.00	39.00	45.00

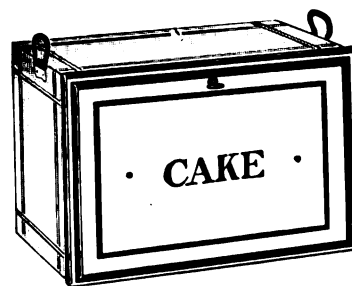


Heavy Tin Plate, Rolled Edge, Jappanned White, Gold
Trimmings.

No.	65
Gallons	12 1/2
Inches	33 1/2 x16 1/2 x10
Weight Per Dozen, Lbs.	125
Per Dozen	\$44.00

One-quarter Dozen in a Crate.

CAKE CLOSETS



Square Corners, Tin Plate, Jappanned White, Gold Trimmings,
Flat Key Lock, One Shelf Drop Door, Fits
Pantry Shelf.

No.	540
Inches	17 1/2 x12 1/2 x12 3/4
Weight Per Dozen, Lbs.	210
Per Dozen	\$33.00

One in a Carton.

COMMODE CHAMBER PAILS

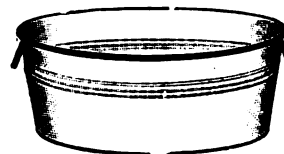


Extra Large, Heavy Steel, Jappanned
White, Gold Banded, Commode
Attachment.

No.	350
Quarts	14
Inches	12 x11 1/2
Wt. Per Dozen, Lbs.	75
Per Dozen	\$17.00

One-half Dozen in a Crate.

OVAL FOOT TUBS



Heavy Tin Plate, Heavy Drop Handles, Jappanned White, Gold
Trimmings.

Nos.	10	11	12
Gallons	3	3 1/2	5
Inches	16x11 5/8 x6 1/4	17x14x6 3/4	18x14 1/2 x8
Wt. Dozen, Lbs.	31	32	33
Per Dozen	\$14.00	17.00	20.00



Heavy Tin Plate, Rolled Edge, Jappanned White, Gold
Trimmings.

No.	60
Gallons	5 1/2
Inches	21x17x9
Weight Per Dozen, Lbs.	77
Per Dozen	\$22.00

One-quarter Dozen in a Crate.

GALVANIZED WARE

INFANTS' BATHS



With Side Handle.

Nos.	111	112	113	114
Inches	27	30	33	36
Wt. Dozen, Lbs.....	59	66	96	120
Per Dozen	\$22.00	26.00	32.00	38.00

OVAL FOOT BATHS



Plain.

Nos.	51	52	53	54
Inches	16	17 1/2	18 1/2	19 1/4
Weight Per Dozen, Lbs..	25	28	36	40
Per Dozen	\$6.00	7.50	9.00	11.00

WASH BOWLS



Stamped, with Eyelet.

Nos.	65	70	75	80
Quarts	2	2 1/2	3 1/4	3 3/4
Inches	10 1/2	11 1/2	12 1/4	13
Per Dozen	\$1.90	2.00	2.80	2.70



WELL BUCKETS

Galvanized.

Nos.	81	101	121
Tr. Cap., Qts..	8	10	12
Wt. Doz., Lbs..	26	29	34
Per Dozen.....	\$6.50	7.00	8.00

WASH BOILERS



Superior, Oval, Flat Bottom, All Galvanized, Pieced Tin Cover, Strong Stationary Wood Hook Handles.

Nos.	0408B	409B
Inches	20 1/2 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	132	150
Per Dozen.....	\$22.00	24.00

One-quarter Dozen in a Crate.

Superior, Oval, Flat Bottom, All Galvanized, Stamped Tin Cover, Strong Stationary Wood Hook Handles.

Nos.	0408A	409A
Inches	20 1/2 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	130	147
Per Dozen.....	\$21.00	23.00

One-quarter Dozen in a Crate.



Cream City, Oval, Heavily Galvanized After Making, Deep Stamped Wire Rim Tin Cover, Strong Stationary Wood Handles, with Handy Grip Attachment.

Plain.

Nos.	6480	6490
Inches	21 1/2 x 11 1/2	23 1/4 x 12 1/2
Wt. Doz., Lbs..	158	160
Per Dozen.....	\$33.50	36.00

Red Banded.

Nos.	7480	7490
Inches	21 1/2 x 11 1/2	23 1/4 x 12 1/2
Wt. Doz., Lbs..	163	176
Per Dozen.....	\$35.00	37.50

One-quarter Dozen in a Crate.

OILY WASTE CANS

New York Pattern, Spring Cover.

Nos.	1	2	3	4
Inches	11 1/4 x 11 1/4	12 x 15 1/2	13 x 17 1/2	14 x 19 1/4
Height from Floor, In.	2 1/2	3	3	3
Wt. Dozen, Lbs.....	100	130	140	160
Per Dozen	\$2.50	3.20	4.00	5.00
Nos.	5	6	7	8
Inches	15 x 21	18 1/2 x 22	20 1/2 x 27	23 1/2 x 32
Height from Floor, In.	3	4	4	4
Wt. Dozen, Lbs.....	200	240	300	365
Per Dozen	\$6.00	9.00	12.00	16.00



GALVANIZED WARE

ASH OR GARBAGE CANS



Cream City, Flaring, Corrugated, Galvanized, Seamless Cover Over Outside, Wrought Iron Drop Handles.

Nos.	76	77
Gallons	11 1/2	20 3/4
Inches	14x20	17 3/4 x 22 1/4
Wt. Doz., Lbs.	90	130
Per Dozen	\$26.00	30.00

Japanned.

Nos.	176	177
Gallons	11 1/2	20 3/4
Inches	14x20	17 3/4 x 22 1/4
Wt. Doz., Lbs.	63	90
Per Dozen	\$13.70	18.50

GARBAGE CANS



Cream City, Flaring, Galvanized, Seamless Cover, with Ball, Cover is Dog Proof, as Ears Prevent it from Coming off when Can is Upset, Cover can Easily be Removed with One Hand.

Nos.	000	00	02
Gallons ...	3 1/4	4 3/4	6 1/2
Inches ...	10 5/8 x 10 1/4	12 x 10 3/4	13 x 12 3/4
Wt. Dz., Lb.	44	51	56
Per Doz.	\$12.50	16.60	19.80
Nos.	03	04	
Gallons ...	8	9	
Inches ...	14 x 14 1/2	14 x 15 1/2	
Wt. Dz., Lb.	72	76	
Per Doz.	\$23.40	27.00	

Japanned.

Nos.	1000	100	102
Gallons ...	3 1/4	4 3/4	6 1/2
Inches ...	10 5/8 x 10 1/4	12 x 10 3/4	13 x 12 3/4
Wt. Dz., Lb.	35	41	43
Per Doz.	\$6.80	7.80	9.20
Nos.	103	104	
Gallons ...	8	9	
Inches ...	14 x 14 1/2	14 x 15 1/2	
Wt. Dz., Lb.	56	58 1/2	
Per Doz.	\$10.70	12.00	



Cream City, Extra Heavy, Corrugated, Welded Top Rim, Galvanized Seamless Cover, Wide Flange, Wrought Iron Drop Handles.

Nos.	150	180	210
Gallons	18	25 1/2	33 1/2
Inches	15x26	18x26	21x26
Wt. Doz., Lbs.	290	350	400
Per Dozen	\$60.00	72.00	84.00

HANDY KITCHEN CANS



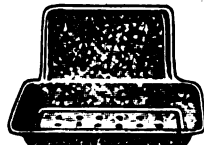
Galvanized, Seamless Cover Over Outside.

No.	A
Quarts	7
Inches	9x8 1/2
Wt. Dozen, Lbs.	24
Per Dozen	\$8.00

Japanned.

Japanned Seamless Cover Over Outside.

No.	J
Quarts	7
Inches	8 3/4 x 7 1/2
Wt. Dozen, Lbs.	24
Per Dozen	\$4.50



SOAP DISHES

With Drainer.

No.	60
Inches	6x4x1 1/2
Wt. Dozen, Lbs.	5
Per Dozen	\$1.80

LAUNDRY DIPPERS



Stamped, Round Handles.

No.	600
Trd. Cap., Qts.	4
Act. Cap., Qts.	2 5/8
Inches	8 3/8 x 3 7/8
Wt. Dozen, Lbs.	12
Per Dozen	\$5.00



Cream City, Galvanized, Seamless Cover Over Outside, Cast Iron Drop Handles.

Nos.	2 1/2	3	4
Gallons	11 1/2	16	20 1/2
Inches	14x19	15x26	17x26
Wt. Dozen, Lbs.	141	216	228
Per Dozen	\$41.00	49.00	56.00
Nos.	5	6	
Gallons	24 1/2	30	
Inches	18x26	20x26	
Wt. Dozen, Lbs.	240	263	
Per Dozen	\$64.00	75.00	

WATER DIPPERS



Stamped, Round Riveted Handle.

Nos.	131	132
Trd. Cap., Qts.	1	2
Act. Cap., Qts.	7/8	1 1/2
Inches	5 3/8 x 2 3/8	5 1/2 x 2 1/2
Wt. Doz., Lbs.	5 1/2	6 1/2
Per Dozen	\$2.40	2.70

One-half Dozen in a Package.



Pieced, Round Riveted Handle.

Nos.	141	142
Trd. Cap., Qts.	1	2
Act. Cap., Qts.	5/8	1 1/4
Inches	5 3/8 x 3	6 1/2 x 3 3/4
Wt. Dozen, Lbs.	7 1/2	8
Per Dozen	\$2.70	3.00

SUDS DIPPERS



Pieced, 5 inch Riveted Handle.

Nos.	152	153
Trd. Cap., Qts.	2	3
Act. Cap., Qts.	1 1/4	2 1/4
Inches	6 1/2 x 3 3/4	7 1/2 x 4 3/4
Wt. Dozen, Lbs.	7 1/2	8 1/2
Per Dozen	\$3.00	3.20

GALVANIZED WARE

SLOP JARS



Galvanized, Plain, with Bail.

No.	4100
Trd. Cap., Qts.	10
Act. Cap., Qts.	9 ½
Inches	11 ¼ x 9 ½
Wt. Dozen, Lbs.	39 ½
Per Dozen	\$9.00

CHAMBER PAILS



Galvanized, Banded, with Breast and Feet.

Nos.	510	512	514
T. Ca., Qt.	10	12	14
A. Ca., Qt.	8 ½	10	13
Inches	10 ¼ x 10 ½	11 ¼ x 10 ¾	12 ½ x 10 ½
W. D., Lb.	32 ½	39 ¾	41 ¾
Per Dozen	\$9.50	10.50	12.50

One-half Dozen in a Crate.



Galvanized Inside, Japanned Outside, Banded, with Breasts and Feet.

No.	612
Trd. Cap., Qts.	12
Act. Cap., Qts.	10
Inches	11 ¼ x 10 ¾
Wt. Dozen, Lbs.	27
Per Dozen	\$12.50

One-half Dozen in a Crate.

CHAMBER PAILS



Galvanized, Plain, with Breasts and Feet.

Nos.	410	412
Tr. Cap., Qts.	10	12
Ac. Cap., Qts.	8 ½	10
Inches	10 ¼ x 10	11 ¼ x 10 ¾
Wt. Dozen, Lbs.	33	35
Per Dozen	\$8.00	9.00
Nos.	414	
Tr. Cap., Qts.	14	
Ac. Cap., Qts.	13	
Inches	12 ½ x 10 ½	
Wt. Dozen, Lbs.	43	
Per Dozen	\$11.00	

One-half Dozen in a Crate.



Made of One Piece of Steel, Seamless, Tinned Wire Ball, Heavy Steel Ears, Hollow Handle Securely Welded to Cover, Galvanized After Being Made Up.

No.	75
Quarts	12 ½
Inches	11 x 10 ¼
Wt. Dozen, Lbs.	56
Per Dozen	\$15.00

One-quarter Dozen in a Crate.

COMMODE CHAMBER PAILS



Galvanized, Extra Large, Banded, Heavy Steel Commode Attachment.

No.	250
Trd. Cap., Qts.	14
Act. Cap., Qts.	14
Inches	12 x 11 ½
Wt. Dozen, Lbs.	58
Per Dozen	\$18.00

One-half Dozen in a Crate.

FIRE PAILS

Round Bottom.
Plain

Nos.	212	214	312	314
Trd. Cap., Qts.	12	14	12	14
Act. Cap., Qts.	10 ½	12 ½	10 ½	12 ½
Inches	11 x 10 ¼	11 ½ x 11 ½	11 x 10 ¼	11 ½ x 11 ½
Wt. Dozen, Lbs.	24	28	24	28
Per Dozen	\$7.00	8.00	8.50	9.00

Three Dozen in a Bundle.

Flat Bottom, Painted Red Outside.

Nos.	012	014	016
Trd. Cap., Qts.	12	14	16
Act. Cap., Qts.	11 ¼	13 ½	16
Inches	11 ¼ x 10	12 ¾ x 10 ¾	12 ¾ x 10 ¾
Wt. Per Dozen, Lbs.	26	29	32
Per Dozen	\$7.00	7.50	8.50

One Dozen in a Bundle.



Nos. 212 to 314.



Nos. 012 to 016.

GALVANIZED WARE

STOCK PAILS



Seamed Body, Heavy, Steel Wire Bail.

Nos.	012	014	016	018	020
Tr. Cap., Qts....	12	14	16	18	20
Ac. Cap., Qts....	11 1/2	13 1/2	15 1/2	17 1/2	18 1/2
Inches	12x9	13x9 1/4	13 3/4 x9 1/2	14 1/2 x9 3/4	14 3/4 x10 1/2
Wt. Dozen, Lbs..	30	38	41	45	46
Per Dozen.....	\$7.00	8.00	8.50	10.00	11.50

One-half Dozen in a Crate.



CREAM CITY, Extra Heavy, Strong Stamped Ears, Red Banded Top and Bottom, Enameled Handle, Heavy Bail.

Nos.	9160	9180	9200
Tr. Cap., Qts....	16	18	20
Ac. Cap., Qts....	15 1/2	17 1/2	18 1/2
Inches	13 3/4 x9 3/4	14 1/2 x8 5/8	14 3/4 x10 1/2
Wt. Dozen, Lbs.....	38	52	55
Per Dozen	\$14.00	16.00	17.00

One-half Dozen in a Bundle.

WATER PAILS



Seamed Body, Steel Wire Bail.

Nos.	8	10	12	14	16
Tr. Cap., Qts.	8	10	12	14	16
Ac. Cap., Qts.	8	9 1/4	11 1/2	13 3/4	15 1/2
Inches	10 1/4 x8 1/2	11x9	11 1/4 x10	12 1/2 x10 1/2	12 3/4 x10 3/4
Wt. Dz., Lbs.	20	23	26	29	33
Per Dozen..	\$4.50	5.00	5.50	6.00	7.50

One Dozen in a Bundle.



CREAM CITY, Extra Heavy, Extra Heavy Ears, Red Banded Top and Bottom, Natural Finish Handle, Coppered Wire Bail.

Nos.	8111	8113	8116	8118
Tr. Cap., Qts....	12	14	16	18
Ac. Cap., Qts....	11 1/2	13	16	17 1/2
Inches	11 1/2 x9 1/2	12x10	12 1/2 x10 1/2	13 1/4 x10 3/4
Wt. Doz., Lbs..	43	46	51	53
Per Dozen....	\$9.00	9.50	11.00	11.75

One-half Dozen in a Bundle.

WATER PAILS



CREAM CITY, Extra Heavy, Extra Heavy Ears, Heavy Wire Balls.

Nos.	812	814	816
T. C., Qt.	12	14	16
A. C., Qt.	11 1/2	13 1/2	14 1/2
Inches ..	11 1/2 x10	11 1/4 x10 1/2	12 1/4 x10 3/4
W. Doz.	42	46	50
Per Doz.	\$9.50	10.50	12.00

One-half Dozen in a Bundle..



Cream City, Extra Heavy, Heavy Ears, Enameled Handles, Heavy Wire Bail, Red Banded.

Nos.	8120	8140	8160
T. C., Qt.	12	14	16
A. C., Qt.	11 1/2	13 1/2	14 1/2
Inches ..	11 1/2 x10	11 1/4 x10 1/2	12 1/4 x10 3/4
W. Doz.	43	47	51
Per Doz.	\$10.50	11.50	12.75

One-half Dozen in a Bundle..

CEMENT AND FOUNDRY PAILS

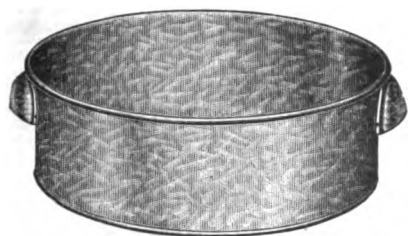


CREAM CITY, Extra Heavy, Steel Wire Bail.

No.	114
Trd. Cap., Qts.....	14
Act. Cap., Qts.....	13 1/2
Inches	11 1/2 x11 1/4
Wt. Dozen, Lbs.....	105
Per Dozen	\$27.00

One-half Dozen in a Bundle..

REFRIGERATOR PANS



Pierced, Straight, Side Handles.

Nos.	1	2	3
Inches	12x4	14x4 1/2	16x5 1/4
Wt. Per Dozen, Lbs.....	32	34	40
Per Dozen	\$5.00	6.00	7.00

One-quarter Dozen in a Crate.

WATERING POTS



Galvanized, with Rose, One Piece Spout, Large Oval Breast Opening, Top and Back Handles and Rose are Welded to Body.

Nos.	4	6	8	10	12	16
Tr. Cap., Qts	4	6	8	10	12	16
Inches	6 5/8 x 6 7/8	7 5/8 x 7 3/4	8 3/4 x 8 1/4	10 x 8 3/4	10 3/4 x 9 3/8	10 3/4 x 10 1/2
Wt. Dz., Lbs.	28	36	43	50	60	75
Per Dozen...	\$7.00	8.50	10.00	12.00	13.00	16.00

Nos. 4 and 6, One Dozen; Nos. 8 to 16, One-half Dozen in a Crate.

WASH TUBS

Galvanized, Anti-Wedge Swedge, Wrought Steel Drop Handles.

Nos.	0	1
Gallons	8 1/2	11 3/4
Inches	18 1/2 x 9 3/4	20 1/4 x 10 3/4
Wt. Per Dozen, Lbs...	62	78
Per Dozen	\$11.00	13.00

Nos.	2	3
Gallons	14	17
Inches	22 1/4 x 10 3/4	24 1/4 x 10 3/4
Wt. Per Dozen, Lbs...	87	98
Per Dozen	\$15.00	17.50

Galvanized, Anti-Wedge Swedge, Wrought Steel Drop Handles, with Wringer Attachment.

Nos.	11	22	23
Gallons	11 3/4	14	17
Inches	20 1/4 x 10 3/4	22 1/4 x 10 3/4	24 1/4 x 10 3/4
Wt. Dozen, Lbs.	78	97	102
Per Dozen	\$15.00	17.00	19.00

One-half Dozen in a Bundle.

CREAM CITY, Extra Heavy, Galvanized, Red Banded, Anti-Wedge Swedge, Stationary Handles, Wringer Attachment.

Nos.	100S	200S	300S
Gallons	11 3/4	14	17
Inches	20 1/4 x 10 3/4	22 1/4 x 10 3/4	24 1/4 x 10 3/4
Wt. Dozen, Lbs.	106	118	130
Per Dozen	\$22.00	24.00	27.00

CREAM CITY, Extra Heavy, Galvanized, Anti-Wedge Swedge, Stationary Wood Handles with Handy Hook Attachment for Hooking to Sink, with Wringer Attachment.

Nos.	510	520	530
Gallons	11 3/4	14	17
Inches	20 1/4 x 10 3/4	22 1/4 x 10 3/4	24 1/4 x 10 3/4
Wt. Dozen, Lbs.	110	119	132
Per Dozen	\$20.00	23.00	26.00

One-half Dozen in a Bundle.



Nos. 0 to 3.



Nos. 11 to 23.



Nos. 100S to 300S.



Nos. 510 to, 530.

FIELD BARRELS

Japanned, without Chime Hoops, Rolling Hoops Swedged Out of Body.

Nos. (with Bung and Vent in Head)....	410	415	420	430	435	450	455
Nos. (with Bung in Shell, Vent in Head)	\$410	\$415	\$420	\$430	\$435	\$450	\$455
Capacity, Gallons	10	15	20	30	35	50	55
Shells and Heads, Gauge.....	20	20	20	19	18	18	18
Average Weight Each, Lbs.....	19	23	25	33	45	48	52
Each	\$3.40	3.70	4.10	5.50	6.00	6.80	7.40

WASH BOILERS



Cream City, Oval, Charcoal Tin Body, Flat Copper Bottom, Deep Stamped Wired Rim Cover, Strong Stationary Wood Handles with Handy Grip Attachment.

Special.		
Nos.	480	490
Inches	21 7/8 x 11 1/2	23 1/4 x 12 1/2
Wt. Doz., Lbs..	124	136
Per Dozen.....	\$34.00	\$36.00
IX.		
Nos.	1480	1490
Inches	21 7/8 x 11 1/2	23 1/4 x 12 1/2
Wt. Doz., Lbs..	148	161
Per Dozen.....	\$36.00	\$38.50
One-quarter Dozen in a Crate.		



Cream City, Oval, Charcoal Tin Body, Flat Copper Bottom, Deep Stamped Wired Rim Cover, Strong Stationary Wood Handles with Handy Grip Attachment.

IXX.		
Nos.	2480	2490
Inches	21 7/8 x 11 1/2	23 1/4 x 12 1/2
Wt. Doz., Lbs..	155	170
Per Dozen.....	\$39.00	42.00
IXXX.		
Nos.	3480	3490
Inches	21 7/8 x 11 1/2	23 1/4 x 12 1/2
Wt. Doz., Lbs..	170	180
Per Dozen.....	\$44.50	47.00
One-quarter Dozen in a Crate.		



Cream City, Oval, Charcoal Tin Body, Flat Copper Bottom, Deep Stamped Wired Rim Cover, Strong Stationary Wood Handles with Handy Grip Attachment.

IXX, Extra Large.		
No.	D9	
Inches	23 1/2 x 12 1/2	
Wt. Per Dozen, Lbs.....	175	
Per Dozen	\$44.00	
IXXX, Extra Large.		
No.	E9	
Inches	23 1/2 x 12 1/2	
Wt Per Dozen, Lbs.....	210	
Per Dozen	\$49.00	
One-quarter Dozen in a Crate.		



Superior, Oval, Flat Copper Bottom, Stamped Cover, Strong Stationary Wood Hook Handles.

IC.		
Nos.	028A	29A
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	112	123
Per Dozen.....	\$23.00	25.00



Superior, Oval, Flat Copper Bottom, Pieced Cover, Strong Stationary Wood Hook Handles.

IC.		
Nos.	028B	29B
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	111	124
Per Dozen.....	\$24.00	26.50



Superior, Oval, Flat Copper Bottom, Stamped Cover, Wrought Steel Coppered Drop Handle.

IC.		
Nos.	0280A	290A
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	101	113
Per Dozen.....	\$22.00	24.50
IX.		
Nos.	01280A	1290A
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	113	124
Per Dozen.....	\$23.00	25.50



Superior, Oval, Flat Copper Bottom, Stamped Cover, Strong Stationary Wood Hook Handles.

IX.		
Nos.	0128A	129A
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	119	135
Per Dozen.....	\$24.50	27.00

IXX.		
Nos.	0228A	229A
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	126	142
Per Dozen.....	\$27.00	30.00
One-quarter Dozen in a Crate.		



Superior, Oval, Flat Copper Bottom, Pieced Cover, Strong Stationary Wood Hook Handles.

IX.		
Nos.	0128B	129B
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	120	139
Per Dozen.....	\$26.50	28.00

IXX.		
Nos.	0228B	229P
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	130	145
Per Dozen.....	\$28.00	31.00
One-quarter Dozen in a Crate.		



Superior, Oval, Flat Copper Bottom, Pieced Cover, Wrought Steel Coppered Drop Handles.

IC.		
Nos.	0280B	290B
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	92	108
Per Dozen.....	\$23.00	25.50

IX.		
Nos.	01280B	1290B
Inches	20 5/8 x 10 3/4	22 1/2 x 12
Wt. Doz., Lbs...	101	114
Per Dozen.....	\$24.00	26.50
One-quarter Dozen in a Crate.		

Special Quality Wash Boiler

Cream City

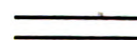
Hand made of full weight, best quality material



Extra deep and strong dome-shaped cover with replaceable rim



Strong, stationary wood handles with hooked handle brackets



Hooked handle brackets on cover permits hanging it to side of boiler

Comes Wrapped in an Attractive Varicolored Display Wrapper

Note the heavy swedge which adds to its strength



The top rim is strongly reinforced with heavy wire

WASH BOILERS



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Stamped Cover, Strong Stationary Wood Hook Handles. IC.

Nos.	038A	39A
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	111	128
Per Dozen	\$30.00	33.00

One-quarter Dozen in a Crate.



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Pieced Cover, Strong Stationary Wood Hook Handles. IC.

Nos.	038B	39B
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	108	115
Per Dozen	\$32.00	35.00

One-quarter Dozen in a Crate.



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Stamped Cover, Wrought Steel Coppered Drop Handles. IC.

Nos.	0380A	390A
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	106	112
Per Dozen	\$30.00	32.50

IX.

Nos.	01380A	1390A
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	110	125
Per Dozen	\$38.40	40.80

One-quarter Dozen in a Crate.



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Stamped Cover, Strong Stationary Wood Hook Handles. IX.

Nos.	0138A	139A
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	122	138
Per Dozen	\$32.00	34.50

One-quarter Dozen in a Crate.



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Pieced Cover, Strong Stationary Wood Hook Handles. IX.

Nos.	0138B	139B
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	125	140
Per Dozen	\$33.50	36.00

One-quarter Dozen in a Crate.



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Pieced Cover, Wrought Steel Coppered Drop Handles. IC.

Nos.	0380B	390B
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	107	115
Per Dozen	\$31.25	33.75

One-quarter Dozen in a Crate.



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Stamped Cover, Strong Stationary Wood Hook Handles. IXX.

Nos.	0238A	239A
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	110	142
Per Dozen	\$36.00	38.25

One-quarter Dozen in a Crate.



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Pieced Cover, Strong Stationary Wood Hook Handles. IXX.

Nos.	0238B	239B
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	132	147
Per Dozen	\$37.00	39.50

One-quarter Dozen in a Crate.



SUPERIOR, Oval, Flat Copper Bottom, Copper Rim, Pieced Cover, Wrought Steel Coppered Drop Handles. IX.

Nos.	01380B	1390B
Inches	20 $\frac{5}{8}$ x 10 $\frac{3}{4}$	22 $\frac{1}{2}$ x 12
Wt. Dozen, Lbs...	112	127
Per Dozen	\$32.00	34.50

One-quarter Dozen in a Crate.

PIECED TINWARE

COFFEE BOILERS



IX, Solid Lipped Tin Bottom, with Bail and Riveted Handle.

Nos.	352	353	354
Tr. Ca., Qts.	2	3	4
Inches	6x6 1/4	6 3/4 x 7 3/4	7 1/2 x 8 1/4
Wt. Dz., Lb.	15	19	24
Per Dozen..	\$7.50	8.25	10.00

Nos.	356	358
Tr. Ca., Qts.	6	8
Inches	9x9 1/2	9 5/8 x 10 1/4
Wt. Dz., Lb.	32	40
Per Dozen..	\$13.00	17.00

Open Stock.



IX, Flat Copper Bottom, Enamelled Wood Bail, Side Handle.

Nos.	028	029
Quarts	7	9
Inches	9 1/2 x 9	10 1/2 x 9 1/2
Wt. Dozen, Lbs.	33	37
Per Dozen	\$12.00	14.00

Open Stock.



IXX, Extra Large, Flat Copper Bottom, with Bail and Side Handle.

Nos.	043	045
Quarts	12	19
Inches	11x10	13x11 1/2
Wt. Dozen, Lbs.	43	63
Per Dozen	\$25.00	31.00

Open Stock.

DINNER BUCKETS



IC, Oblong, Coffee Flask in Cover, with Cup and Pie Tray, New Continuous Pie Tray Support, Self-Locking Bail.

Nos.	192	193
Quarts	2	3
Inches	8 1/4 x 5 5/8 x 5 1/8	8 5/8 x 6 1/2 x 5 7/8
Wt. Dz., Lbs.	22	25
Per Dozen	\$5.25	6.00

Nos.	194	195
Quarts	4	5
Inches	8 5/8 x 7 1/2 x 5 5/8	8 5/8 x 8 3/8 x 5 5/8
Wt. Dz., Lbs.	27	28
Per Dozen	\$7.00	8.00

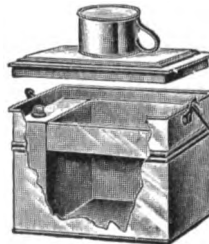
One Dozen in a Crate.



IC, Oblong, with Pie Tray and Cup, Royal Granite Steel Coffee Flask in Cover.

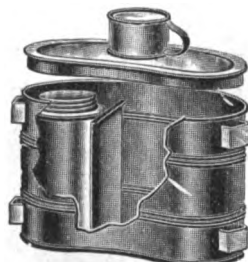
Nos.	K120	K125
Trade Cap., Qts.	3	4
Inches	8 1/4 x 5 1/2	8 3/4 x 6
Wt. Dozen, Lbs.	28	30
Per Dozen	\$9.50	10.50

One Dozen in a Crate.



IC, Square, with Cup, with Tray and Coffee Flask.

Nos.	K600	K650
Trade Cap., Qts.	3	4
Inches	8 1/4 x 5 1/4	8 5/8 x 6 1/4
Wt. Dozen, Lbs.	25	32
Per Dozen	\$10.00	11.00



COWBOY

IC, with Cup and Round Coffee Flask, Loops for Straps.

No.	B
Inches	9 3/4 x 6 3/8 x 4 5/8
Weight Per Dozen, Lbs.	26
Per Dozen	\$16.00

One Dozen in a Crate.

DINNER BUCKETS



IC, Oblong, One Case, with Cup, with Patent Self-Locking Bail, Enamelled Handle.

Nos.	K300	K330
Trade Cap., Qts.	2	3
Inches	8x5	8 1/4 x 5 1/2
Wt. Dozen, Lbs.	21	23
Per Dozen	\$5.50	6.25

Nos.	K400	K450
Trade Cap., Qts.	4	5
Inches	8 3/4 x 6	9 1/4 x 6 1/2
Wt. Dozen, Lbs.	28	30
Per Dozen	\$7.00	8.00

AURORA DINNER BUCKET



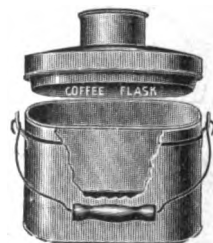
IX, One Case, without Cup, Seamless Cover and Pie Tray, Wire Handle on Cover.

Nos.	K274	K275	K276
Tr. Ca., Qts.	4	5	6
Inches	9x5 3/4 x 6	9x5 3/4 x 7	9 1/2 x 6 1/4 x 7
Wt. Dz., Lb.	34	37	40
Per Dozen	\$9.00	10.00	11.50



IX, One Case, with Seamless Cup, Seamless Cover and Pie Tray.

Nos.	K374	K375	K376
Tr. Ca., Qts.	4	5	6
Inches	9x5 3/4 x 6	9x5 3/4 x 7	9 1/2 x 6 1/4 x 7
Wt. Dz., Lb.	36	38	39
Per Dozen	\$9.50	10.25	12.00



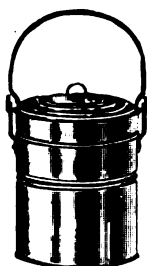
IX, One Case, Seamless Cover, Embodying Cup and Coffee Flask.

Nos.	K674	K675	K676
Tr. Ca., Qts.	4	5	6
Inches	9x5 3/4 x 6	9x5 3/4 x 7	9 1/2 x 6 1/4 x 7
Wt. Dz., Lb.	30	32	34
Per Dozen	\$11.00	12.00	13.50

PIECED TINWARE

DINNER BUCKETS

MINERS'



IC, One Case, without Cup, Patent Self-Locking Bail.			
Nos.	K103	K104	K105
Trade Capacity, Quarts.	3	4	5
Inches	6	6 1/2	7 1/2
Weight Per Dozen, Lbs.	20	21	24
Per Dozen	\$4.75	5.50	6.25
Open Stock.			
SCHOOL			

ROUND



IC, One Case, without Cup, Patent Self-Locking Bail.			
Nos.	K81	K41	K51
Trade Capacity, Quarts.	3	4	5
Inches	6	6 1/2	7 1/2
Weight Per Dozen, Lbs.	20	23	26
Per Dozen	\$4.80	5.50	6.25
Open Stock.			
CHILDREN'S			



With Pie Tray.

No.	5
Trade Capacity, Quarts.	2
Inches	6x4 1/4
Weight Per Dozen, Lbs.	9
Per Dozen	\$2.40
One Dozen in a Crate.	

IC, Round, One Case, Enameled Handle.

No.	11 1/2 D
Trade Capacity, Quarts.	1 1/2
Quarts	1 1/2
Inches	4 3/4 x 5 3/4
Weight Per Dozen, Lbs.	8
Per Dozen	\$4.00
One Dozen in a Crate.	



ROUND COVERED BUCKETS



IC, High Pattern, Enameled Wood Handle.				
Nos.	6	8	10	12
Trade Capacity, Qts.	6	8	10	12
Act. Capacity, Qts.	5 5/8	7 1/4	9 3/8	11 1/2
Inches	7 5/8 x 7 1/2	8 3/8 x 9 1/4	9 1/4 x 9 3/8	10 x 9 3/8
Wt. Dozen, Lbs.	21 1/3	23 1/8	27 1/2	29 1/2
Per Dozen	\$3.50	5.00	7.00	8.50



IC, High Pattern, Wire Bail.				
Nos.	10	11 1/2	20	30
Tr. Cap., Qts.	1	1 1/2	2	3
Act. Cap., Qts.	1	1 3/8	2	3
Inches	4 3/8 x 4 1/4	4 5/8 x 5	5 3/8 x 4 5/8	6 1/8 x 6 3/8
Wt. Doz., Lbs.	5 3/4	6 1/4	9 1/2	11 3/8
Per Dozen	\$1.20	1.40	1.60	2.20

DINNER PAILS



IC, Low Pattern, Enameled Wood Handle.

Nos.	6	8
Trade Cap., Qts.	6	8
Act. Cap., Qts.	5 1/4	7 1/4
Inches	8 1/2 x 5 7/8	9 x 6 7/8
Wt. Dozen, Lbs.	18	19 1/4
Per Dozen	\$3.50	5.00



IC, Low Pattern, Wire Bail.

Nos.	2	3	4
Tr. Cap., Qts.	2	3	4
Act. Ca., Qts.	2	2 1/2	3
Inches	6 1/4 x 4 1/8	6 3/4 x 4 5/8	7 1/4 x 5 3/8
Wt. Dz., Lbs.	10	11	15
Per Dozen	\$1.60	2.20	2.60



Miners', IC, One Case with Cup, Enameled Handles.

Nos.	113	114	115
Tr. Cap., Qts.	3	4	5
Act. Cap., Qts.	2 3/4	3 1/2	4 3/4
Inches	6 x 7 1/2	6 1/2 x 7 3/8	7 x 8 3/8
Wt. Doz., Lbs.	20 1/2	22	24
Per Dozen	\$5.00	6.00	7.00

PIECED TINWARE

ICE CREAM PACKING CANS

CREAM CITY

Made from Cold Rolled Steel and Smoothly Covered Both Inside and Outside with a Heavy Coating of Pure Tin.

The top edge has no crevice as it is folded over, making a double rim with a strong bead. The body is riveted. Seams and rivets are carefully covered with pure solder, making a perfectly smooth surface inside. The sides are straight and the bottom is set inside so that the can may be easily drawn out of the ice.

The bottom is riveted. The stamped cover is smoothly tinned and fits well. The handles are double riveted.

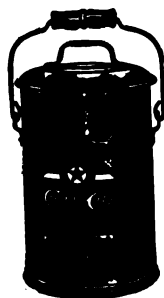
Nos.	1	2	4	8	12	20	40
Quarts	1	2	4	8	12	20	40
Inches	3 7/8 x 5 5/8	4 7/8 x 6 7/8	5 1/2 x 10 7/8	6 5/8 x 14 1/4	7 3/4 x 15 7/8	8 3/4 x 20 5/8	11 3/8 x 24 5/8
Wt. Doz., Lbs..	21 1/2	30	47	78	114	165	278
Per Dozen....	\$9.60	12.40	15.40	19.20	24.00	32.40	52.60

COVERS TO FIT ICE CREAM PACKING CANS

Nos.	1C	2C	4C	8C	12C	20C	40C
Inches	3 7/8	4 7/8	5 1/2	6 5/8	7 3/4	8 3/4	11 3/8
To Fit Cans, Nos.....	1	2	4	8	12	20	40
Per Dozen	\$2.90	3.50	4.10	4.90	5.90	7.20	9.40

Showing
Construction.

CREAM CANS



CREAM CITY, Charcoal Tin Plate, Full Weight, Extra Heavy
Wire in Top, Heavy Extra Deep Inside Cover, without
Gauge, Enameled Wood Handle.

Nos.	191	198
Trade Capacity, Quarts.....	14	20
Act. Capacity, Quarts.....	12 1/2	18 1/2
Inches	9 1/8 x 13 1/4	9 1/8 x 19 1/4
Weight Per Dozen, Lbs.....	50	60
Per Dozen	\$11.00	12.50

IXXX.

Nos.	391	398
Trade Capacity, Quarts.....	14	20
Act. Capacity, Quarts.....	12 1/2	18 1/2
Inches	9 1/8 x 13 1/4	9 1/8 x 19 1/4
Weight Per Dozen, Lbs.....	55	70
Per Dozen	\$13.00	14.90

One-half Dozen in a Crate.

CREAM CITY, Charcoal Tin Plate, Full Weight, Extra Heavy
Wire in Top, Heavy Extra Deep Cover Over Outside,
without Gauge, Enameled Wood Handle.

Nos.	131	133
Trade Capacity, Quarts.....	14	20
Act. Capacity, Quarts.....	12 1/2	18 1/2
Inches	9 1/8 x 13 1/4	9 1/8 x 19 1/4
Weight Per Dozen, Lbs.....	51	58
Per Dozen	\$11.00	12.50

IXXX.

Nos.	331	338
Trade Capacity, Quarts.....	14	20
Act. Capacity, Quarts.....	12 1/2	18 1/2
Inches	9 1/8 x 13 1/4	9 1/8 x 19 1/4
Weight Per Dozen, Lbs.....	56	65
Per Dozen	\$13.00	15.00

One-half Dozen in a Crate.

IX, Extra Deep Cover Over Outside, without Gauge, Enameled Wood Handle.

Nos.	31	33
Trade Capacity, Quarts.....	14	20
Act. Capacity, Quarts.....	12 1/2	18
Inches	8 3/4 x 13 1/2	8 3/4 x 19 1/2
Weight Per Dozen, Lbs.....	44	52
Per Dozen	\$6.50	7.50

IXX, Extra Deep Cover Over Outside, without Gauge, Enameled Wood Handle.

Nos.	71	73
Trade Capacity, Quarts.....	14	20
Act. Capacity, Quarts.....	12 1/2	18
Inches	8 3/4 x 13 1/2	8 3/4 x 19 1/2
Weight Per Dozen, Lbs.....	50	58
Per Dozen	\$7.50	8.75

One-half Dozen in a Crate.



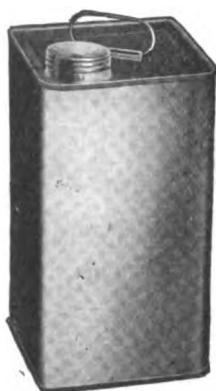
Nos. 31 and 33.



Nos. 71 and 73.

PIECED TINWARE

SYRUP AND HONEY CANS

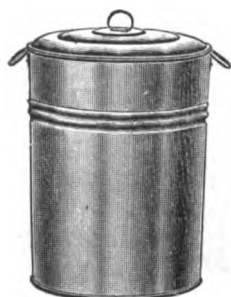


Square, Round Corners, Bright Tin Plate, 1 3/4 inch Cork Lined Screw, Ring Handle.

Gallons	1/2	1
Inches	4 1/4 x 6 3/4	5 1/4 x 9 3/4
Weight Per Hundred, Lbs.	85	120
Per Hundred	\$18.00	20.00

Fifty in a Crate.

LARD CANS



IC, Inside Rimmed Cover, Drop Side Handles.

Nos.	4	6
Tr. Cap., Gals.	4	6
Act. Cap., Gals.	4 1/2	6
Inches	9 1/4 x 15 1/4	11 3/8 x 15 7/8
Wt. Dozen, Lbs.	53	64
Per Dozen	\$7.00	8.00

Nos.	8	10
Tr. Cap., Gals.	8	10
Act. Cap., Gals.	8	10 1/2
Inches	12 1/4 x 17 1/4	13 1/4 x 19
Wt. Dozen, Lbs.	78	87
Per Dozen	\$9.50	12.00

Open Stock.

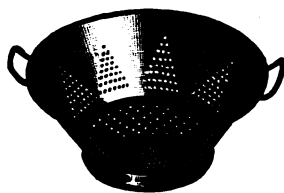
POWDER CANS



IC, with Handle.

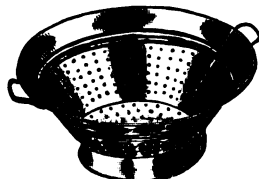
Nos.	2	4
Trade Cap., Qts.	2	4
Pounds	5	12 1/2
Inches	5 1/2	6 1/4
Wt. Dozen, Lbs.	23	30
Per Dozen	\$2.50	3.80

CULLENDERS



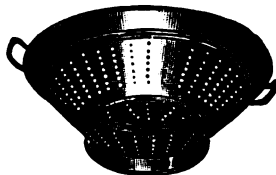
IC, Eastern, Wrought Handles.

Nos.	10	11
Inches	10	11
Wt. Dozen, Lbs.	10	11
Per Dozen	\$2.40	2.90



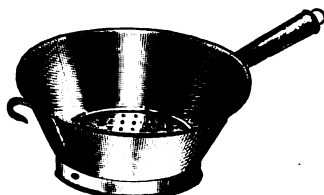
IC, Eastern, with Iron Side Handles.

No. 12N—12 inches, Weight Per Dozen	
Dozen 11 Lbs.	\$3.40



Heavy, Retinned, Wrought Handles.

No. 120—12 inches, Weight Per Dozen	
Dozen 14 Lbs.	\$5.50



IC, German, Round Tin Handles.

No. 110—10 inches, Weight Per Dozen	
Dozen 8 Lbs.	\$2.70
One-quarter Dozen in a Package.	

FRUIT CANS

IDEAL, SELF-SEALING



Heavy Tin Throughout, Best Quality Double Friction Tin Cover.

Quarts	1
Weight Per Gross, Lbs.	60
Dozen in Carton	2
Per Gross	\$12.00

Near the outer edge of the top of the can is formed a deep inverted U-shaped Part which makes a perfect fit with a similar part formed in the cover. No sealing wax or rubber rings required.

Note—Not Carried in Stock, Shipped Direct from Factory.

MINERS' SQUIB CASES



IC, Oblong.

No.	10
Inches	1 1/2 x 3/4 x 7
Weight Per Dozen, Lbs.	1 1/2
Per Dozen	\$1.00

Open Stock.

WELL MILK COOLERS



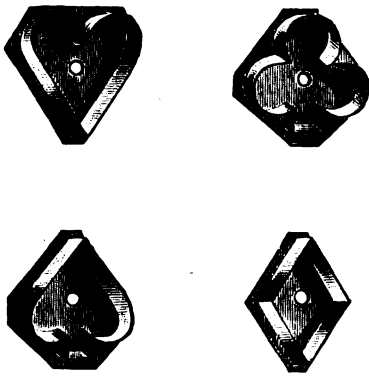
4 inch Screw Cap, Back Handle.

Nos.	4	6	8
Tr. Ca., Qt.	4	6	8
Ac. Ct., Qt.	4 1/4	6	7 1/2
Inches	6 1/2 x 8 1/2	6 1/2 x 11 1/2	6 1/2 x 14 1/2
Wt. Dz. Lb.	20	22	25
Per Dozen.	\$4.90	5.80	6.50

One Dozen in a Crate.

PIECED TINWARE

CAKE CUTTERS



Cream City, Card Party, Solid Back,
Assorted Shapes, Hearts, Diamonds,
Clubs and Spades.

Shapes	Hearts	Diamonds
Inches	2 3/4 x 3 3/4	2 1/2 x 2 3/4

Shapes	Clubs	Shades
Inches	2 3/4 x 3	2 3/4 x 3

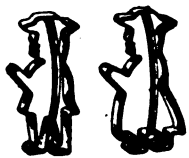
Per Dozen

No. 10—Card Party\$0.70

One Dozen Assorted in a Paper Box.

Weight Per Dozen 1 1/2 Pounds.

CAKE CUTTERS



Man and Woman, IC, Open Back.

Nos.	20
Inches	3
Weight Per Dozen, Lbs.	1 1/2
Per Dozen	\$0.70

One Dozen Assorted in a Paper Box.

BISCUIT CUTTERS



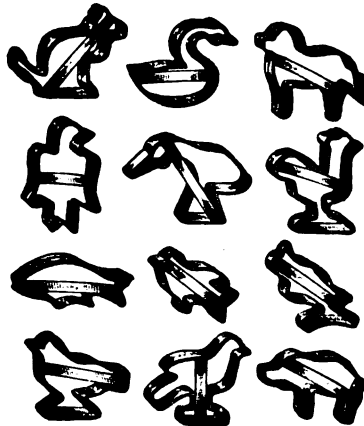
IC, Solid Back.

Nos.	2B	2 1/2 B
Inches	2	2 1/2
Wt. Dozen, Lbs.	1	1 1/4
Per Dozen	\$0.40	.45

Nos.	3B	3 1/2 B
Inches	3	3 1/2
Wt. Dozen, Lbs.	1 1/2	1 3/4
Per Dozen	\$0.55	.70

One Dozen in Paper Box.

CAKE CUTTERS



Animal, IC, Open Back, 12 Assorted Designs.

No.	30
Inches	3
Weight Per Dozen, Lbs.	1
Per Dozen	\$0.80

One Dozen Assorted in a Paper Box.

CAKE CUTTERS



Heart, Solid Back.

No. 34—3 inches, Weight Per Dozen 1 Lb.	Per Dozen \$0.60
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One Dozen in a Paper Box.



Star, Solid Back.

No. 35—3 inches, Weight Per Dozen 1 Lb.	Per Dozen \$0.60
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One Dozen in a Paper Box.

COOKEY CUTTERS



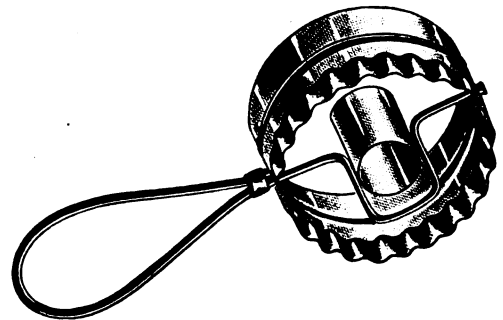
IX, Solid Back.

Nos.	2 1/4 C	3C
Inches	2 1/2	3
Weight Dozen, Lbs.	1 1/4	1 1/2
Per Dozen	\$0.60	.70

Nos.	3 1/2 C	4C
Inches	3 1/2	4
Weight Dozen, Lbs.	1 3/4	2
Per Dozen	\$0.80	1.10

One Dozen in a Paper Box.

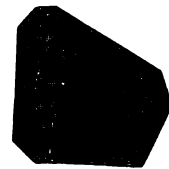
REVERSIBLE CAKE CUTTERS



Harding's—Heavy Tin, Strong Tinned Wire Handle, Weight Per Dozen 2 Lbs.	Per Dozen \$1.20
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By simply turning the inside cutter front one side to the other, it will cut biscuits, doughnuts, plain cookies (with or without holes), scalloped cookies (with or without holes), tarts, etc.

ANIMAL CAKE CUTTERS



Assorted.

No.	10N
Size	Small
Weight Per Dozen, Lbs.	3/4
Per Dozen	\$0.60

No.	20N
Size	Medium
Weight Per Dozen, Lbs.	1
Per Dozen	\$0.75

One Dozen Assorted in a Box.

DOUGHNUT CUTTERS



IC, Solid Back.

Nos.	2 1/4 D	3D
Inches	2 1/2	3
Weight Dozen, Lbs.	1 1/4	1 1/2
Per Dozen	\$0.60	.70

Nos.	3 1/2 D
Inches	3 1/2
Weight Dozen, Lbs.	1 3/4
Per Dozen	\$0.75

One Dozen in a Paper Box.

PIECED TINWARE

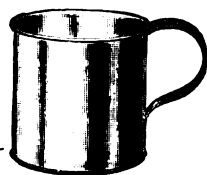
DRINKING CUPS



IC, Straight.

Nos.	1	2	3
Tr. Cap., Pts..	$\frac{1}{2}$	1	$1\frac{1}{2}$
Act. Cap., Pts.	$\frac{1}{2}$	1	$1\frac{3}{4}$
Inches	$3\frac{1}{2} \times 2\frac{1}{2}$	$3\frac{5}{8} \times 2\frac{5}{8}$	$4\frac{1}{2} \times 3$
Wt. Doz., Lbs.	1	$1\frac{3}{4}$	$2\frac{1}{4}$
Per Dozen	\$0.40	.45	.80

One Dozen in a Package.



IC, Straight.

Nos.	4	5
Trade Cap., Qts....	1	2
Act. Cap., Qts....	1	2
Inches	$4\frac{1}{2} \times 4\frac{1}{4}$	$5\frac{3}{8} \times 4\frac{5}{8}$
Weight Dozen, Lbs.	5	6
Per Dozen	\$1.05	1.50

One Dozen in a Package.

MEASURING CUPS



IC, Polished, Marked to Measure Quarters and Thirds of a Cup.

No.	30
Trade Capacity, Pints.....	$\frac{1}{2}$
Inches	$3 \times 2\frac{1}{2}$
Weight Per Dozen, Lbs.....	2
Per Dozen	\$0.80

One-half Dozen in a Package.



High Grade Charcoal Tin.

No.	82
Capacity, Pints	1
Weight Per Dozen, Lbs.....	$3\frac{1}{2}$
Per Dozen	\$0.60

This cup has one side marked in thirds and the other side marked in fourths, thereby enabling the user to get any part of a cupful desired.

One Dozen in a Package.

APPLE CORERS



IC, Tin.

No.	1
Inches	$3\frac{3}{4} \times 6$
Weight Per Dozen, Lbs.....	1
Per Dozen	\$0.70

One Dozen in a Box.

CREAM DIPPERS



IX, Cone Shape.

No.	1N
Inches	$4 \times 5\frac{1}{2}$
Weight Per Dozen Lbs.....	4
Per Dozen	\$2.40

One-half Dozen in a Package.

SUDS DIPPERS



IC, Tin Bottom, 5 inch Handle.

Nos.	200	300
Quarts	$1\frac{1}{4}$	$2\frac{1}{4}$
Inches	$6\frac{1}{2} \times 3\frac{3}{4}$	$7\frac{1}{2} \times 4\frac{3}{4}$
Wt. Dozen, Lbs....	$5\frac{1}{2}$	8
Per Dozen	\$1.70	2.80

One-half Dozen in a Package.

WATER DIPPERS



Copper Bottom.

	IC	IC	IX
Nos.	10	20	120
Quarts	1	$1\frac{1}{4}$	$1\frac{1}{4}$
Inches	$5\frac{1}{2} \times 3$	$6\frac{1}{2} \times 3\frac{3}{4}$	$7\frac{1}{2} \times 3\frac{3}{4}$
Wt. Doz., Lbs.	5	6	7
Per Dozen ...	\$2.70	2.80	3.20

One-half Dozen in a Package.



IC, Tin Bottom.

Nos.	1	2	3
Quarts	$\frac{5}{8}$	$1\frac{1}{4}$	$2\frac{1}{4}$
Inches	$5\frac{1}{2} \times 3$	$6\frac{1}{2} \times 3\frac{3}{4}$	$7\frac{1}{2} \times 4\frac{3}{4}$
Wt. Doz., Lbs.	4	5	6
Per Dozen ...	\$1.60	1.70	2.40

IX, Tin Bottom.

No.	12
Quarts	$1\frac{1}{4}$
Inches	$6\frac{1}{2} \times 3\frac{3}{4}$
Weight Per Dozen, Lbs.....	$5\frac{1}{2}$
Per Dozen	\$2.40

One-half Dozen in a Package.

FRUIT JAR FILLERS



IC, Plain, Seamless Body.

No.	1
Inches	$4\frac{1}{2} \times 2$
Weight Per Dozen, Lbs.....	$1\frac{1}{4}$
Per Dozen	\$0.70

One Dozen in a Package.

COFFEE FLASKS



IC, Low Pattern, 1 inch Screws.

Nos.	1	$1\frac{1}{2}$
Pints	1	$1\frac{1}{4}$
Inches	$4 \times 2 \times 4\frac{5}{8}$	$4\frac{1}{4} \times 2\frac{3}{8} \times 5$
Wt. Doz., Lbs....	$2\frac{3}{4}$	3
Per Dozen	\$1.80	2.00

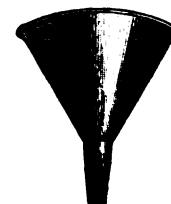
No.	2
Pints	$2\frac{1}{8}$
Inches	$4\frac{5}{8} \times 2\frac{5}{8} \times 5\frac{1}{4}$
Wt. Doz., Lbs....	4
Per Dozen	\$2.20

IC, High Pattern, 1 inch Screws.

No.	$11\frac{1}{2}$
Pints	$1\frac{1}{2}$
Inches	$4\frac{1}{4} \times 2\frac{3}{8} \times 6\frac{1}{4}$
Weight Dozen, Lbs.....	4
Per Dozen	\$2.10

One Dozen in a Package.

FUNNELS



IC, Fluted Spout.

Pints	$\frac{1}{4}$	$\frac{1}{2}$	1	2
Inches	$2\frac{3}{4}$	$3\frac{3}{4}$	$4\frac{3}{8}$	$5\frac{3}{8}$
Wt. Dz., Lbs.	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$	3
Per Dozen ..	\$0.50	.55	.70	1.10

Pints	4	8	12IX
Inches	$6\frac{1}{2}$	$7\frac{1}{2}$	$8\frac{3}{4}$
Wt. Dz., Lbs.	4	7	$8\frac{1}{4}$
Per Dozen ..	\$1.50	2.00	3.30

One-half Dozen in a Package.

ATLANTIC FUNNELS

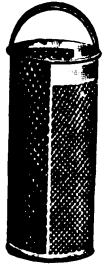


IX, Fluted Spout.

Nos.	1603	1605
Quarts	$\frac{1}{2}$	1
Wt. Dozen, Lbs.....	$2\frac{1}{2}$	$4\frac{1}{2}$
Per Dozen	\$3.00	4.20
Nos.	1607	1609
Quarts	2	4
Wt. Dozen, Lbs.....	7	11
Per Dozen	\$6.00	7.20

PIECED TINWARE

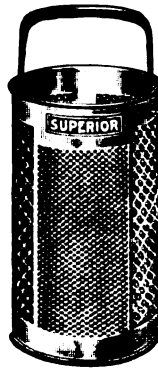
COMBINATION GRATERS



SUPERIOR, IC, Round, Two Perforations, Coarse and Fine.

No.	50
Inches	2 1/2 x 6 1/4
Weight Per Dozen, Lbs.	4 1/2
Per Dozen	\$0.90

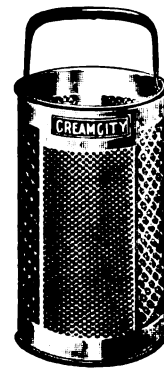
One-half Dozen in a Package.



SUPERIOR, IC, Round, Three Perforations, Coarse, Medium and Fine.

No.	100
Inches	4 x 7 1/2
Weight Per Dozen, Lbs.	8
Per Dozen	\$1.40

One-half Dozen in a Package.

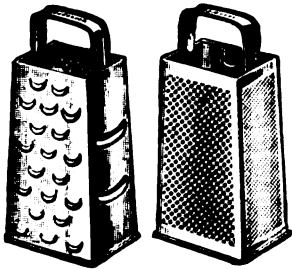


CREAM CITY, IX, Full Weight, Round, Three Perforations, Coarse, Medium and Fine.

No.	150CC
Inches	4 x 7 1/2
Weight Per Dozen, Lbs.	9
Per Dozen	\$1.80

One-half Dozen in a Package.

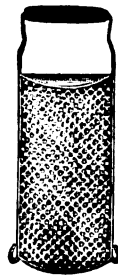
GRATERS



PERFECTION, IX, Grates Fine and Coarse, Slices Potatoes, Cuts Slaw, Etc.

No.	150N
Inches	4 1/4 x 3 1/4 x 7 1/2
Weight Dozen, Lbs.	10
Per Dozen	\$1.90

One-half Dozen in a Package.



IC, Enameled Wood Handle, Braced.

Nos.	10	20
Sheet	1/4	1/2
Inches	3 x 6 5/8	4 1/2 x 9 1/4
Wt. Dozen, Lbs.	2 1/2	4 3/4
Per Dozen	\$0.90	1.30

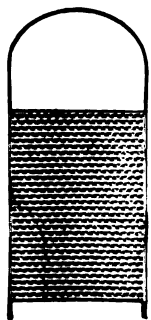
One Dozen in a Package.



IC, Enameled Wood Handle, not Braced.

Nos.	010	020	030
Sheet	1/4	1/2	1
Inches	3 x 6 5/8	4 1/2 x 9 1/4	5 3/8 x 13 1/4
Wt. Dz., Lb.	2 1/2	4 1/2	8
Per Dozen .	\$0.80	1.20	2.30

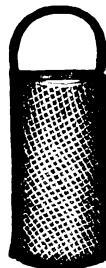
One Dozen in a Package.



SUPERIOR, Flat, Heavy Tinned Wire Frame.

Nos.	11	12
Inches	4 3/4 x 9	6 1/2 x 14
Wt. Dozen, Lbs.	3 3/4	7
Per Dozen	\$1.40	2.20

One-half Dozen in a Package.



IC, Tin Handle, Braced.

Nos.	1	2
Inches	3 x 6 5/8	4 1/2 x 9 1/4
Wt. Dozen, Lbs.	2 1/2	4
Per Dozen	\$0.80	1.20

One Dozen in a Package.



Box, IC, Plain, for Grating Nutmeg.

No.	45
Inches	2 x 5
Weight Per Dozen, Lbs.	1
Per Dozen	\$0.40

One Dozen in a Package.

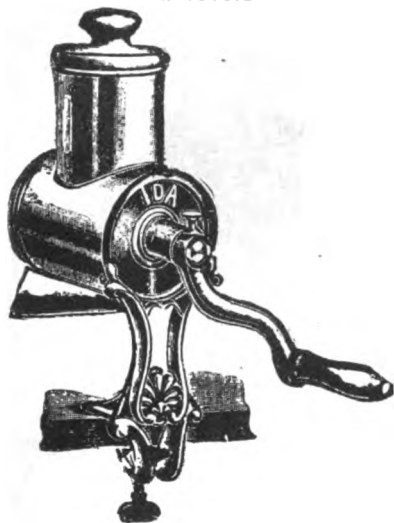
PIECED TINWARE

GRATERS

ALMOND AND VEGETABLE

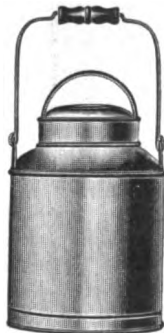
EVER READY

ALMOND



No. 8246—13 inches High, Self-Feeding Hopper 3x3 inches, Removable Perforated Tin Inside Cylinder, Ornamental Iron Frame, with Screw Clamp, Green Enameled Frame, Weight Per Dozen 48 Lbs. \$24.00
Adapted for grating chocolate, horse-radish, potatoes, fruit, bread, etc.
One in a Box.

MILK KETTLES



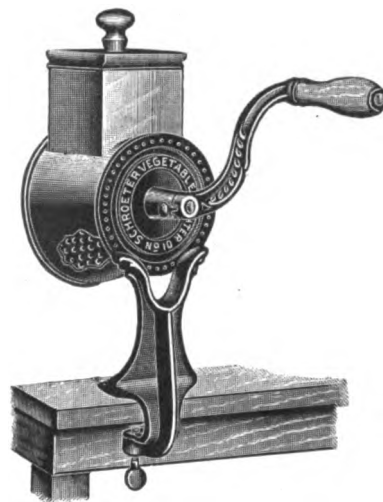
IX, with Ball and Enameled Wood Handle.

Nos.	54	56	58
Td. Ca., Qts.	4	6	8
Ac. Ca., Qts.	4 1/2	6 1/2	8 1/2
Inches	6 1/2 x 9	7 1/4 x 10	8 x 11 1/2
Wt. Dz., Lb.	16 1/2	21	30
Per Dozen ..	\$7.00	9.00	11.00

Nos.	510	512
Tr. Ca., Qts.	10	12
Ac. Ca., Qts.	11 1/2	12 1/2
Inches	9 1/4 x 13 3/8	9 1/4 x 14 1/2
Wt. Dz., Lb.	37	43
Per Dozen ..	\$18.50	16.50



Nos. 64 to 612.



No. 10—13 inches High Over All, 5 1/2 inches Wide Over All, 3 1/4 x 3 1/4 inch Perforated Drum, 2 1/2 x 2 1/2 inch Opening at Top of Hopper, Wood Block for Hopper, 2 inches Deep, 1 inch Space at Bottom Between Drum and Tin Housing, Iron Frame with Screw Clamp, Finished in Turquoise Blue, Gold Striped, Weight Per Dozen 40 Lbs. \$21.00
Used for Grating Almonds, Horse-radish, Potatoes, Cocoanuts, Cheese, Pineapples, Turnips, Carrots, Etc.
One in a Carton, One Dozen in a Case.



IC, Side Handle.

Nos.	1	2	3
Tr. Ca., Qts.	1	2	3
Ac. Ca., Qts.	1	2	3 1/2
Inches	4 1/4 x 5 1/2	5 x 7 1/4	5 7/8 x 8 3/8
Wt. Dz., Lbs.	7 1/4	11 1/2	15
Per Dozen ..	\$2.40	3.00	4.25
Nos.	4	6	8
Tr. Ca., Qts.	5	6	8
Ac. Ca., Qts.	4 1/4	6 1/4	8 1/2
Inches	6 1/2 x 9	7 1/4 x 10 5/8	8 x 11 1/2
Wt. Dz., Lbs.	20	25	28
Per Dozen ..	\$5.50	7.00	9.00

CREAM CITY, IXXX, Full Weight Charcoal Tin Plate, Bossed Side Handle.

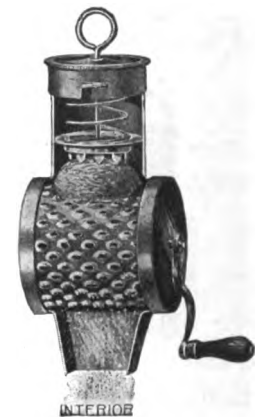
Nos.	64	66	68	610	612
Trade Capacity, Quarts...	4	6	8	10	12
Act. Capacity, Quarts....	4	6	8	11 1/2	12 1/2
Inches	6 1/2 x 9	7 1/4 x 10 5/8	8 x 11 1/2	9 1/4 x 13 3/8	9 1/4 x 14 1/2
Weight Per Dozen, Lbs...	22	31	36	41 1/2	47 1/2
Per Dozen	\$18.50	16.00	17.50	20.00	25.00

CREAM CITY, IXXX, Full Weight Charcoal Tin Plate, Wire Ball with Enameled Wood Handle.

Nos.	76	78	710	712
Trade Capacity, Quarts...	6	8	10	12
Act. Capacity, Quarts....	6 1/4	8	11 1/2	12 1/2
Inches	7 1/4 x 10 5/8	8 x 11 1/2	9 1/4 x 13 3/8	9 1/4 x 14 1/2
Weight Per Dozen, Lbs...	29	36	41 1/2	48
Per Dozen	\$16.00	17.50	20.00	25.00



Nos. 76 to 712.

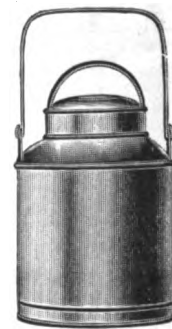


Nickel Plated Steel Body and Crank, Stained Wood Handle.

Ever Ready—4 inches High, 1 1/2 inches Wide, Sanitary, Simple and Durable, Impossible to Grate Fingers, Weight Per Dozen 3 1/4 Lbs. \$3.90

One Dozen in a Display Carton.

MILK KETTLES



Nos. 11 to 13.



Nos. 14 to 18.

IC, with Ball.

Nos.	11	12	13
Tr. Ca., Qts.	1	2	3
Ac. Ca., Qts.	1	2	3 1/2
Inches	4 1/4 x 5 1/2	5 x 7 1/4	5 7/8 x 8 3/8
Wt. Dz., Lbs.	9 1/2	12 1/2	15
Per Dozen ..	\$2.40	3.00	4.25

IC, with Ball with Enameled Wood Handle.

Nos.	14	16	18
Tr. Ca., Qts.	4	6	8
Ac. Ca., Qts.	4 1/2	6 1/2	8 1/2
Inches	6 1/2 x 9	7 1/4 x 10 5/8	8 x 11 1/2
Wt. Dz., Lbs.	20	25	28
Per Dozen ..	\$5.50	7.00	9.00

PIECED TINWARE

TEA KETTLES



IC, Flat Copper Bottom, Straight Spout, Tin Handle.

Nos.	027	028	029
Tr. Cap., Qts.	7	8	9
Act. Cap., Qts.	5	7	8 1/2
Inches	8 1/2 x 5 1/2	9 1/2 x 6 1/4	10 1/2 x 6 1/4
Wt. Dozen, Lbs.	20	24	30
Per Dozen	\$8.00	9.50	11.00

One-half Dozen in a Case.



Superior, IX, Flat Copper Bottom, Fancy Spout, Enameled Handle.

Nos.	048	049
Tr. Cap., Qts.	8	9
Act. Cap., Qts.	7	8 1/2
Inches	9 1/2 x 6 5/8	10 1/2 x 6 5/8
Wt. Per Dozen, Lbs.	27 1/2	35
Per Dozen	\$11.50	13.00

One-half Dozen in a Case.

GRADUATED MEASURES



IC, without Lip.

No.	01N
Cap., Quarts	1
Inches	4 1/2 x 4 1/4
Wt. Per Dozen, Lbs.	3 3/4
Per Dozen	\$1.20

One-half Dozen in a Package.

IDEAL MILK MEASURES



Retinned, Graduated, Continuous Lip, Double Seamed, Riveted Handle.

No.	100
Quarts	1
Inches	3 5/8 x 6 1/4
Wt. Per Dozen, Lbs.	5
Per Dozen	\$3.50

One-half Dozen in a Package.



Superior, IX, Copper Rim, Flat Copper Bottom, Polished, Fancy Spout, Enameled Handle.

Nos.	067	068	069
Tr. Cap., Qts.	7	8	9
Act. Cap., Qts.	5	7	8 1/2
Inches	8 1/2 x 6 1/4	9 1/2 x 6 5/8	10 1/2 x 6 5/8
Wt. Dozen, Lbs.	42	54	64
Per Dozen	\$14.50	18.00	21.00

One-half Dozen in a Case.



Acme, IXX, Copper Rim, Flat Copper Bottom, Polished, Enameled Wood Handle.

Nos.	078N	079N
Quarts	8	9
Inches	9 1/2	10 1/2
Wt. Per Dozen, Lbs.	31	35
Per Dozen	\$19.00	22.00

One-half Dozen in a Case.

GRADUATED MEASURES



IC, with Lip.

Nos.	1	2
Cap., Quarts	1	2
Inches	4 1/2 x 4 1/4	5 1/8 x 6 1/8
Wt. Per Dozen, Lbs.	4	6
Per Dozen	\$1.30	2.60

One-half Dozen in a Package.

LIQUOR MIXERS



IC, Tin.

Nos.	2	3
Inches	3 3/4 x 5	4 x 5 3/4
Wt. Per Dozen, Lbs.	2 1/2	3
Per Dozen	\$1.30	1.40

One-half Dozen in a Package.

PIECED TINWARE

OIL OR LIQUOR MEASURES



IXXX, U. S. Standard, Heavy, Polished, Ball Handle.

Nos.	102	103	105
Gallons	2	3	5
Inches	9 1/2	11 1/2	14
Wt. Per Dozen, Lbs.	72	90	150
Per Dozen	\$36.00	44.50	53.00
Open Stock.			

MEASURES

CREAM CITY, Extra Heavy, with Lip.
No. 56 has Embossed Handle.

Nos.	53	54	55	56
Quarts	1/2	1	2	4
Inches	3 3/4 x 4 1/8	4 3/8 x 5 3/8	5 1/2 x 7 1/2	6 1/4 x 9 1/4
Wt. Dozen, Lbs.	4 1/2	6 1/2	11 1/2	18
Per Dozen	\$1.70	2.40	3.30	2.70

DEALERS' LIQUID MEASURES

U. S. Standard, Full Weight, with Lip.



Nos.	221	222	223
Pints	1/4	1/2	1
Wt. Doz., Lbs.	3 1/2	4	4 1/2
Per Dozen	\$1.15	1.40	1.70
Nos.	224	225	226
Pints	1	2	4
Wt. Doz., Lbs.	5	8	14
Per Dozen	\$2.40	3.60	5.00



MEASURES

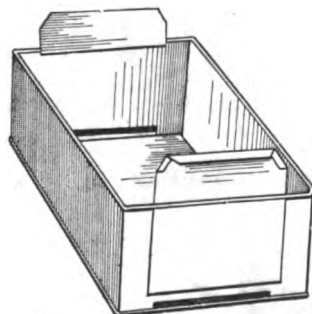
Standard, IC, with Lip.

Nos.	21	22	23
Quarts	1/8	1/4	1/2
Inches	2 1/2 x 2 3/8	3 1/8 x 2 3/4	3 5/8 x 4 3/8
Wt. Doz., Lbs.	1 1/4	2	3
Per Dozen	\$0.90	1.10	1.40
Nos.	24	25	26
Quarts	1	2	4
Inches	4 3/8 x 5 3/8	5 1/2 x 7 1/2	6 1/4 x 9 1/4
Wt. Doz., Lbs.	5	7	10
Per Dozen	\$1.90	2.90	4.20

CAKE MOULDS

VAN DEUSEN

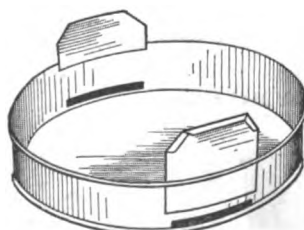
VAN DEUSEN



Oblong, for Loaf Cake.

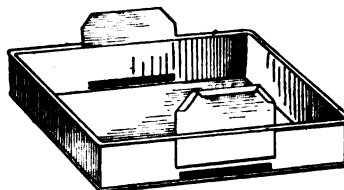
Nos.	78	79
Inches	4 1/2 x 7 1/2 x 3 1/2	5 1/2 x 9 1/4 x 3 1/2
Wt. Doz., Lbs.	7	9
Per Dozen ...	\$2.40	3.00

VAN DEUSEN



Round, for Layer Cakes, Sheet Cakes, Etc.

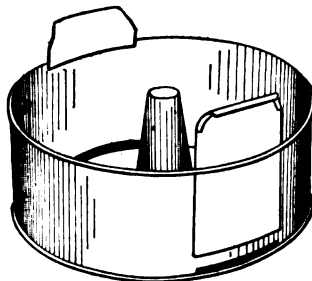
No.	74
Inches	8 1/2 x 1 1/2
Wt. Dozen, Lbs.	7
Per Dozen	\$2.40



Square, for Layer Cakes, Sheet Cakes, Etc.

Nos.	77
Inches	7 1/2 x 7 1/2 x 1 1/2
Wt. Dozen, Lbs.	9
Per Dozen	\$2.40

VAN DEUSEN



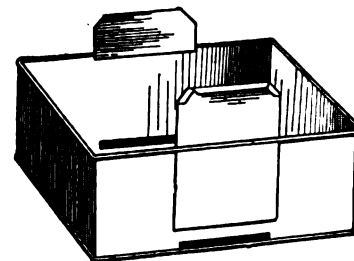
Round, for Loaf Cake, with Tube.

Nos.	68	70	72
Inches	6 1/2 x 3	8 1/2 x 3 1/2	10 1/2 x 3 3/4
Wt. Dz., Lbs.	10	11	14
Per Dozen ...	\$3.00	3.00	4.20

Without Tube.

Nos.	67	71	73
Inches	6 1/2 x 3	8 1/2 x 3 1/2	10 1/2 x 3 3/4
Wt. Dz., Lbs.	9	10	13
Per Dozen ...	\$2.40	3.00	4.20

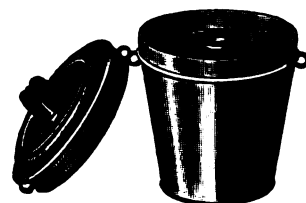
VAN DEUSEN



Square, for Loaf Cake.

	With Tube	Without Tube
Nos.	75	76
Inches	7 1/2 x 7 1/2 x 3 1/2	7 1/2 x 7 1/2 x 3 1/2
Wt. Doz., Lbs.	11	12
Per Dozen ...	\$3.00	3.00

PUDDING MOULDS



IX, with Tube.

Nos.	1 1/2	2
Quarts	1 7/8	2 3/4
Inches	6 1/4 x 6	6 3/4 x 6
Wt. Doz., Lbs.	9 3/4	12 1/4
Per Dozen	\$10.00	11.00

Requires no greasing. Have openings at sides, covered with slides, through which a knife is inserted and the cake loosened from the moulds when it is to be removed.

PIECED TINWARE

DAIRY STRAINER PAILS



Flaring, Round Strainer and Lip, Enameled Handle.

	IC	IC	IC	IX
Nos.	101	121	141	142
Tr. Cap., Qts.	10	12	14	14
Act. Cap., Qts.	10	12	14	14
Inches	10 3/4 x 8 3/4	12 x 8 3/4	13 x 8 3/4	13 x 8 3/4
Wt. Dozen, Lbs.	25	32	37	39
Per Dozen	\$6.80	7.00	8.00	9.50

One-half Dozen in a Crate.



Square Lip, Large Oval Strainer, Enameled Handle.

	IX	IX	IXX	IXX
Nos.	1112	1114	2112	2114
Tr. Cap., Qts.	12	14	12	14
Act. Cap., Qts.	12	14	12	14
Inches	11 1/4 x 9 3/4	11 1/2 x 10 3/4	11 1/4 x 9 3/4	11 1/2 x 10 3/4
Wt. Dozen, Lbs.	41	45	45	50
Per Dozen	\$9.50	10.25	10.25	11.00

IXXX.

	IXXX.	IXXX.	IXXX.
Nos.	3110	3112	3114
Tr. Cap., Qts.	10	12	14
Act. Cap., Qts.	10	12	14
Inches	10 3/4 x 9	11 1/4 x 9 3/4	11 1/2 x 10 3/4
Wt. Per Dozen, Lbs.	45	49	55
Per Dozen	\$11.00	12.00	12.75

One-half Dozen in a Crate.



MILKING PAILS

SANITARY

Square Opening.

5A Charcoal Plate, Mirror Finish, Soldered Inside and Outside.

No.	4644
Quarts	14
Inches	13 1/2 x 12
Wt. Dozen, Lbs.	50
Per Dozen	\$21.50



Superior Jersey, IX, Plain, with Detachable Strainer.

No.	A
Trade Capacity, Quarts.	12
Actual Capacity, Quarts.	12
Inches	11 1/4 x 9 1/2
Weight Per Dozen, Lbs.	33
Per Dozen	\$12.00

One-half Dozen in a Crate.



Cream City Jersey, Full Weight Charcoal Tin Plate, Wide Easy Pouring Lip, Oval Strainer, Heavy Tinned Malleable Ears, Wire Bail.

IXXX.

Nos.	3512	3514
Trd. Cap., Qts.	12	14
Act. Cap., Qts.	11 3/4	13 3/4
Inches	11 1/4 x 9 1/2	11 1/2 x 10 1/2
Wt. Per Dozen, Lbs.	60	71
Per Dozen	\$13.50	14.50

IXXXX.

Nos.	4512	4514
Trd. Cap., Qts.	12	14
Act. Cap., Qts.	11 3/4	13 3/4
Inches	11 1/4 x 9 1/2	11 1/2 x 10 1/2
Wt. Per Dozen, Lbs.	66	77
Per Dozen	\$15.50	17.00

One-half Dozen in a Crate.



MILKING PAILS

SANITARY

Round Opening.

5A Charcoal Plate, Mirror Finish, Soldered Inside and Outside.

No.	4744
Quarts	14
Inches	12 1/2 x 12
Wt. Dozen, Lbs.	50
Per Dozen	\$21.50

PIECED TINWARE

DAIRY PAILS

CREAM CITY, Soldered Inside Seams, Enameled Wood Handle, Riveted Ears.



	IC	IC	IC	IX	IX	IX
Nos.	10	12	14	110	112	114
Tr. Cap., Qts.	10	12	14	10	12	14
Act. Cap., Qts.	9 1/4	11 1/4	13 1/2	9 1/4	11 1/4	13 1/2
Inches	10 3/4 x 9	11 1/4 x 9 3/4	11 5/8 x 10 3/4	10 3/4 x 9	11 1/4 x 9 3/4	11 5/8 x 10 3/4
Wt. Per Dozen, Lbs.	21	23	26	25	27	30
Per Dozen	\$4.80	5.00	6.00	4.80	5.50	6.40

CREAM CITY, Soldered Inside Seams, Enameled Wood Handle, Riveted Ears.

	ICX	ICX	ICX	ICXX	ICXX	ICXX
Nos.	210	212	214	310	312	314
Tr. Cap., Qts.	10	12	14	10	12	14
Act. Cap., Qts.	9 1/4	11 1/4	13 1/2	9 1/4	11 1/4	13 1/2
Inches	10 3/4 x 9	11 1/4 x 9 3/4	11 5/8 x 10 3/4	10 3/4 x 9	11 1/4 x 9 3/4	11 5/8 x 10 3/4
Wt. Per Dozen, Lbs.	30	32	35	32	32 1/2	37
Per Dozen	\$6.00	6.60	7.50	7.80	8.40	9.40

One Dozen in a Crate.



CREAM CITY JERSEY, IXXX, Full Weight Charcoal Tin Plate, Heavy Convex Bottom, Heavily Wired Top Rim, Heavy Tinned Malleable Iron Ball and Ears.

Nos.	3012	3014
Trd. Cap., Qts.	12	14
Act. Cap., Qts.	11 3/4	13 3/4
Inches	11 3/4 x 9 3/4	12 x 10 3/4
Wt. Per Dozen, Lbs.	46	50
Per Dozen	\$9.80	10.60

CREAM CITY JERSEY, IXXXX, Full Weight Charcoal Tin Plate, Heavy Convex Bottom, Heavily Wired Top Rim, Heavy Tinned Malleable Iron Ball and Ears.

Nos.	4012	4014
Trd. Cap., Qts.	12	14
Act. Cap., Qts.	11 3/4	13 3/4
Inches	11 3/4 x 9 3/4	12 x 10 3/4
Wt. Per Dozen, Lbs.	45	48
Per Dozen	\$11.60	13.00

One Dozen in a Crate.



Nos. 211C to 216C.

CREAM CITY, Flaring Pattern, Special Bright Tin Plate, High Bottom, Extra Heavy Wired Top Rim, Heavy Coppered Wire Ball, Natural Finish Wood Handle, Reinforced Ears.

Nos.	11A	13A
Trd. Cap., Qts.	12	13
Act. Cap., Qts.	11 1/2	12 1/2
Inches	11 1/2 x 9 3/4	12 x 9 3/4
Wt. Per Dozen, Lbs.	29	31 1/4
Per Dozen	\$5.50	6.40

CREAM CITY, Flaring Pattern, Special Heavy Bright Tin Plate, High Bottom, Extra Heavy Wired Top Rim, Heavy Coppered Wire Ball, Natural Finish Wood Handle, Reinforced Ears.

Nos.	113B	116B
Trd. Cap., Qts.	13	16
Act. Cap., Qts.	12 1/2	16
Inches	12 x 9 3/4	13 x 10 1/2
Wt. Per Dozen, Lbs.	35	37
Per Dozen	\$7.80	8.90

One Dozen in a Crate.

CREAM CITY, Flaring Pattern, IXX, Full Weight Charcoal Tin Plate, High Bottom, Extra Heavy Wired Top Rim, Heavy Coppered Wire Ball, Natural Finish Wood Handle, Reinforced Ears.

Nos.	211C	213C	216C
Trd. Cap., Qts.	12	13	16
Act. Cap., Qts.	11 1/2	12 1/2	16
Inches	11 1/2 x 9 3/4	12 x 9 3/4	13 x 10 1/2
Wt. Per Dozen, Lbs.	37 1/2	41 3/4	44 1/4
Per Dozen	\$8.00	8.90	10.00

One Dozen in a Carton.

ATLANTIC, 5A Charcoal Plate, Mirror Finish, Four Riveted Ears, Extra Heavy Retinned Ball, Soldered Inside and Outside.

Nos.	4632	4634	4636
Quarts	12	14	16
Inches	11 1/2 x 10 1/4	12 x 10 3/4	12 1/2 x 11 1/4
Wt. Per Dozen, Lbs.	43	45	48
Per Dozen	\$12.50	13.00	13.50

SANITARY STEEL CLAD



Nos. 4632 to 4636.

PIECED TINWARE

FLARING PAILS

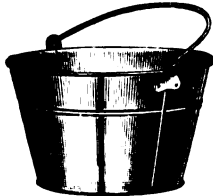


IC, 3 inch Dull Black Enameled Handle.

Nos.	6	8	10	12	14
Tr. Cap., Qts.	6	8	10	12	14
Act. Cap., Qts.	4 1/2	7	9 1/2	11 1/2	13 1/2
Inches	9 1/2 x 6 1/4	10 1/4 x 7 3/4	10 3/4 x 8 3/4	12 x 8 3/4	13 x 8 3/4
Wt. Dozen, Lbs.	9 1/2	12 1/2	16	18	21
Per Dozen	\$2.80	2.40	2.50	3.60	4.00

Six Dozen in a Crate.

COOK PAILS

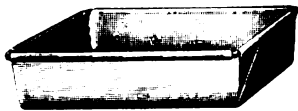


IC, Tin Bottom.

Nos.	7	8
Trd. Cap., Qts.	5	6
Act. Cap., Qts.	4 1/2	5 3/4
Inches	9 1/2 x 6	10 1/4 x 6 1/4
Wt. Dozen, Lbs.	9 3/4	12
Per Dozen	\$3.00	3.60

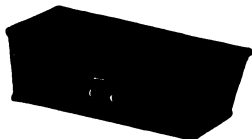
Six Dozen in a Crate.

BREAD PANS

Sanitary, Heavy Tin, Rounded Corners,
2 1/4 inches Deep.

Nos.	7	17
Top, Inches.	8 1/2 x 4 1/2	9 1/2 x 4 1/2
Wt. Doz., Lbs.	6	6 3/4
Per Dozen	\$1.30	1.40
Nos.	47	57
Top, Inches.	9 1/4 x 5 1/4	10 1/4 x 6 1/4
Wt. Doz., Lbs.	7	8 1/2
Per Dozen	\$1.50	1.70

BREAD PANS

CREAM CITY, IXX, Extra Heavy Charcoal
Tin Plate, Wired, Folded Ends.

No. 200—10x3 1/4 x 6 1/2 inches, Wt.	Per Dozen
Per Dozen 16 Lbs.	\$5.50

SPONGE CAKE PANS

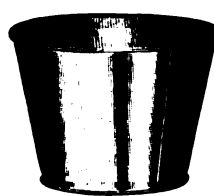
OREAM CITY, Extra Heavy Charcoal
Tin Plate, Wired, Folded Ends.

No. 95—9 3/4 x 2 3/4 x 4 1/4 inches, Wt.	Per Dozen
Per Dozen 11 1/2 Lbs.	\$4.30



Nos. 606 to 608.

SAP PAILS



IC, Tin Bottom.

No.	10
Trd. Cap., Qts.	10
Av. Cap., Qts.	8 1/2
Inches	10 1/2 x 8 1/2
Wt. Per Dozen, Lbs.	13 1/2
Per Dozen	\$2.50

Fifty in a Crate.

BREAD PANS



Deep, IC, Wired, Folded Ends.

Nos.	1	2
Inches	9 1/4 x 3 1/2 x 5	10 x 3 1/4 x 6 1/2
Wt. Dz., Lbs.	5 1/4	7 1/2
Per Dozen ..	\$1.60	1.90
Nos.	8	4
Inches	11 5/8 x 3 3/8 x 6 1/4	14 x 3 1/2 x 8 1/2
Wt. Dz., Lbs.	8	11 1/2
Per Dozen ..	\$2.30	2.90

BREAD PANS

CREAM CITY, IXX, Extra Heavy Charcoal
Tin Plate, Wired, Folded Ends.

No. 300—11 1/8 x 1 7/8 x 9 inches, Wt.	Per Dozen
Per Dozen 19 Lbs.	\$5.70

SPONGE CAKE PANS



IC, Wired, Folded Ends.

No. 85—12 1/4 x 3 x 5 inches, Weight	Per Dozen
Per Dozen 8 Lbs.	\$1.90

BREAD PANS

Sanitary, Tin, Wired Rim, Rounded Corners and Bottom, 3 inches Deep.			
Nos.	606	607	608
Top, Inches	9 3/4 x 4 1/2	10 3/4 x 5 1/4	11 1/2 x 6
Weight Per Dozen, Lbs.	5 1/2	6 1/2	7 3/4
Per Dozen	\$1.30	1.45	1.65

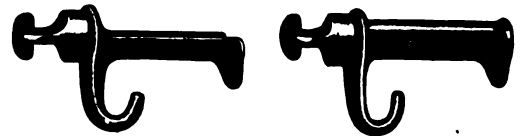
OIL PUMPS



Perfection, with Iron Rod and Patent Valve.

For Pumping Oil from Barrel into Tank.

No. K10—IC Tin, 38 inches Long.	Each
	\$3.00

SAP SPOUTS
Cuts Half Size.

No. 01.

No. 1.

Per 100

No. 01—Open, Malleable Iron,
Tinned, Will Fit 1/2 inch
Holes \$3.30
Weight Per 100, 7 Pounds.

No. 1—Closed, Malleable Iron,
Tinned, Will Fit 1/2 inch
Holes 3.75
Weight Per 100, 8 Pounds.
250 in a Box.

BREAD PANS

IC, Handled, Wired, Folded Ends,
Dripping Pan Shape.

Nos.	10	20
Inches	12 x 2 3/8 x 8	14 x 2 3/8 x 9
Wt. Doz., Lbs.	9	12 1/2
Per Dozen.	\$2.60	3.30
Nos.	30	40
Inches	15 x 2 3/8 x 10	17 x 2 1/2 x 12
Wt. Doz., Lbs.	13 3/4	15 3/4
Per Dozen.	\$3.90	5.00

OBLONG PANS



IC, Wired, Folded Ends.

	Shallow	Deep
Nos.	15	20
Inches	11 1/4 x 1 3/8 x 7 1/2	10 1/4 x 2 3/8 x 6 1/4
Wt. Dz., Lb.	5 1/2	6
Per Dozen.	\$1.20	1.20

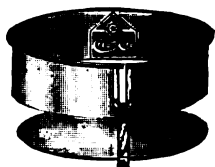
CHEESE CAKE OR COFFEE CAKE
PANS

Tin, Extra Heavy.

Nos.	138	158
Inches	13 1/2 x 9 x 1 1/4	16 1/2 x 10 1/2 x 1 1/4
Wt. Dz., Lbs.	12	16 1/2
Per Dozen.	\$3.80	4.50

PIECED TINWARE

SPRING CAKE PANS



CREAM CITY, IXX, Charcoal Tin Plate,
without Tube, Extra Heavy, Loose
Bottom.

Nos.	9	10
Inches	9 1/2 x 2 7/8	10 1/2 x 2 3/4
Wt. Doz., Lbs.	17	19
Per Dozen	\$5.00	5.80

COVERED SAUCE PANS



IC, Tin Bottom, Wrought Iron Handle.			
Nos.	K62	K63	K64
Tr. Cap., Qts.	2	3	4
Inches	5 3/4	6 1/2	7 1/4
Wt. Dozen, Lbs.	12	15	20
Per Dozen	\$2.40	3.00	3.60

COFFEE POTS

IC, Tin Bottom, Hinged Cover, Riveted Handle.



Nos.	1/2	1	1 1/2
Quarts	1/2	1	1 1/2
Inches	3 1/2 x 4 1/4	4 1/2 x 5 3/8	5 3/8 x 6 1/2
Wt. Doz., Lbs.	7 1/2	9	12 1/2
Per Dozen	\$1.80	2.00	2.50
Nos.	2	3	4
Quarts	2	3	4
Inches	5 1/2 x 7 1/2	6 1/2 x 8	7 1/2 x 9
Wt. Doz. Lbs.	14	16 1/2	23 1/2
Per Dozen	\$2.80	3.40	
Nos.	4	5	
Quarts	4	4 3/4	
Inches	6 3/4 x 8 3/8	7 1/2 x 9 1/2	
Wt. Doz., Lbs.	22	23 1/2	
Per Dozen	\$3.80	5.20	

COFFEE POTS



IC, High Pattern, Tin Bottom, Hinged
Cover, Riveted Bossed Handle and
Lip.

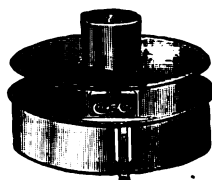
Nos.	23N	24N	25N
Tr. Cap., Qts.	3	4	5
Inches	6	7	7 1/2
Wt. Doz., Lbs.	12	15	17
Per Dozen	\$3.60	4.30	5.00



Plain Tin, with Rose, New One Piece Spout, Large Oval Breast Opening, Top and Back Handle and
Rose are Soldered to Body.

Nos.	01	02	03	04	06	08	010	012
Inches	4 3/4 x 4 1/2	5 1/4 x 5 1/4	5 1/2 x 5 1/2	6 1/2 x 6	7 1/2 x 7	8 3/4 x 8 1/4	10 x 8 3/4	10 1/2 x 9 1/2
Wt. Dozen, Lbs.	12	16	17	20	24	46	49	51
Per Dozen	\$3.40	4.00	4.80	6.40	7.60	10.40	11.40	13.80

Nos. 01 to 03 have Round Tin Spouts.
Nos. 01 to 06. One Dozen; Nos. 08 to 012, One-half Dozen in a Crate.



CREAM CITY, IXX, Charcoal Tin Plate,
with Tube, Extra Heavy, Loose
Bottom.

Nos.	90	100
Pan, Inches	9 1/2 x 2 7/8	10 1/4 x 2 7/8
Tube, Inches	3 x 2 3/8	3 x 2 3/8
Wt. Doz., Lbs.	19 1/4	21
Per Dozen	\$5.80	7.70

MILK PANS



IC, Tin.

Nos.	5N	10N	15N
Tr. Ca., Qts.	1/2	1	1 1/2
Inches	6 x 2 1/4	6 1/2 x 2 1/2	7 1/2 x 2 1/2
Wt. Dz., Lbs.	5	6	7
Per Dozen	\$1.20	1.45	1.70

MARKING POTS



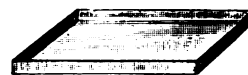
IC, Seamless Bodies.

Nos.	1	2
Inches	5 3/4 x 2 3/4	6 1/2 x 3
Wt. Doz., Lbs.	6 3/4	9 3/4
Per Dozen	\$2.70	3.60

One-half Dozen in a Package.

WATERING POTS

JELLY CAKE PANS



IC, Square, Shallow, Wired.

Nos.	08	09
Inches	8 1/4 x 1 x 8 1/4	9 1/4 x 1 x 9 1/4
Wt. Doz., Lbs.	4	5
Per Dozen	\$1.10	1.80

No.	010
Inches	10 1/4 x 1 x 10 1/4
Wt. Doz., Lbs.	6 1/2
Per Dozen	\$1.60

IC, Square, Deep, Wired.

Nos.	8	9
Inches	8 1/4 x 2 x 8 1/4	9 1/4 x 2 x 9 1/4
Wt. Doz., Lbs.	6 3/4	7
Per Dozen	\$1.60	1.90

No.	10
Inches	10 1/4 x 2 x 10 1/4
Wt. Doz., Lbs.	10
Per Dozen	\$2.20

TEA POTS

IC, Tin Bottom, Riveted Tin Handle, Straight Spout.



Nos.	9	11
Quarts	1/2	1
Inches	3 1/2 x 4 1/4	4 1/2 x 5 3/8
Wt. Doz., Lbs.	4	5 1/2
Per Dozen	\$1.80	2.00
Nos.	11 1/2	12
Quarts	1 1/2	2
Inches	5 3/4 x 6 3/8	5 1/2 x 7 1/2
Wt. Doz., Lbs.	7	8 3/4
Per Dozen	\$2.50	2.80
No.	13	
Quarts	3	
Inches	6 1/2 x 8	
Wt. Doz., Lbs.	12	
Per Dozen	\$3.40	

MUFFIN RINGS



IC, Tin.

No.	3
Inches	3
Wt. Per Dozen, Lbs.	8
Per Dozen	\$0.30

One Dozen in a Box.

PIECED TINWARE

RING HANDLE SCOOPS



IC, Tin.

Nos.	0	1	2
Inches	2	3 1/2	4
Wt. Dozen, Lbs.	1 1/2	2	2 1/2
Per Dozen	\$0.50	.60	.70

One Dozen in a Package.

TEA STEEPERS



IC, Enameled Knob, Tin Handle.

Nos.	0	1	2
Quarts	1/2	1	1 1/2
Inches	3 3/8 x 3 1/8	4 3/8 x 3 1/4	4 3/8 x 4 3/8
Wt. Dz., Lbs.	3	4 1/2	6 1/4
Per Dozen...	\$1.45	1.80	2.30

One-half Dozen in a Package.

SOUP STRAINERS



IC, Perforated Tin Bottom.

No.	8
Inches	8 x 3 1/2
Wt. Per Dozen, Lbs.	6 1/2
Per Dozen	\$3.00

One-half Dozen in a Package.

STEAMERS



IC, Stamped Cover.

Nos.	7	8	9
Inches	9 1/4 x 5	10 1/4 x 5	11 1/4 x 5
Wt. Doz., Lbs.	17	20	25
Per Dozen...	\$4.80	5.60	6.80

Open Stock.



IC, Rimmed Cover.

Nos.	70	80	90
Inches	9 1/4 x 5	10 1/4 x 5	11 1/4 x 5
Wt. Doz., Lbs.	19 1/4	21	25
Per Dozen...	\$5.60	6.30	7.00

Open Stock.



IC, Brass Wire Bottom.

No.	18
Inches	8 x 3 1/2
Wt. Per Dozen, Lbs.	6 1/2
Per Dozen	\$4.30

One-half Dozen in a Package.

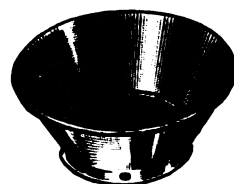
MILK STRAINERS



IC, with Rim, Tin Bottom and Brass Strainer.

Nos.	08	010	011	012
Inches	8	10	11	12
Wt. Doz., Lbs.	7	10	11	12
Per Dozen...	\$2.10	2.70	3.20	3.70

One-half Dozen in a Package.



IC, with Rim and Brass Wire Bottom.

Nos.	80	100
Inches	8	10
Wt. Dozen, Lbs.	7	8
Per Dozen	\$3.20	4.00

One-half Dozen in a Package.

GRAVY STRAINER



IC, Perforated Bottom, Round Tin Handle

No.	1
Inches	4 3/8 x 1 1/2
Wt. Per Dozen, Lbs.	6 1/2
Per Dozen	\$1.30

One-half Dozen in a Package

MILK STRAINERS



IC, Tin Bottom, Brass Strainer, with Feet.

No.	110
Inches	10
Wt. Per Dozen, Lbs.	12
Per Dozen	\$1.90

One-half Dozen in a Package.



IC, Tin Bottom, Brass Strainer, Hoop and Rim to Fasten Cloth.

Nos.	10	12
Inches	10	12
Wt. Dozen, Lbs.	9	10
Per Dozen	\$3.20	4.00

One-half Dozen in a Package.



IC, without Bottom or Strainer, with Hoop and Rim to Fasten Cloth.

No.	208
Inches	8
Wt. Per Dozen, Lbs.	7
Per Dozen	\$2.30

One-half Dozen in a Package.

PIECED TINWARE

MILK CAN STRAINERS



IC, with Brass Strainer.

No. 0100—10x6 3/4 inches, Weight Per Dozen 19 Lbs. . . \$5.50
Per Dozen
One Dozen in a Crate.

FRIBERG SANITARY



Made of Good Durable Material, Reinforced Strainer Walls,
Four Wear Resisting Strainer Cloths at Sides, for Use
with Either Milk Pan or Milk Can.

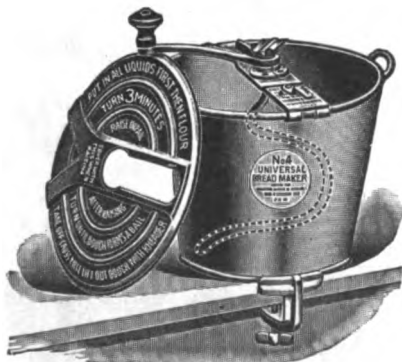
Friberg—10 inches in Diameter, 7 3/4 inches High, 4 1/2
inch Spout, Weight Per Dozen 12 Lbs. \$18.00
Per Dozen

Eliminates dirt from the milk by straining through the side
walls, the dirt settling in the chamber at the bottom. Easily
cleaned with soap and water.

Open Stock.

BREAD MAKERS

UNIVERSAL



Sheet Steel, Heavily Tinned, with Table Clamp on Bottom.

No. 4—Family Size, Capacity 2 to 6 Loaves, Pail 9
inches Deep, 11 1/2 inches in Diameter, Weight Per
Dozen 130 Lbs. \$40.00
No. 8—Capacity 4 to 10 Loaves, Pail 11 3/4 inches Deep,
13 inches in Diameter, Weight Per Dozen 170 Lbs. . . 56.00
Per Dozen

Three in a Case.

The Universal Three Minute Bread Maker is a mixer, kneader
and raiser all combined. Very simple in construction, a
child can operate it, as easily cleaned as a tin pail. Guaranteed
to mix and knead bread perfectly in three minutes



CREAM CITY, Extra Heavy, Retinned, Seamless Bodies, 3 inch
Rim, Detachable Hoop, Brass Strainer, Double
Seamed to Bottom and Body.

No. 1050—12x8 1/2 inches, Weight Per Dozen 29 Lbs. . . \$16.00
Per Dozen
One-twelfth Dozen in a Case.

MANITOWOC

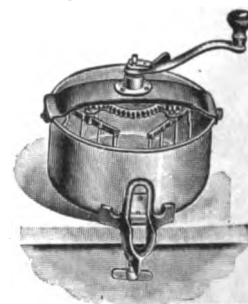


IX Bright Tin, Four Brass Strainers.

Maniwoc—Oval, 10x7 1/2 inches, 6 1/4 inches High, with
Four 1 1/2 inch Brass Strainers, One in Bottom, One
at Each End and One in Front Side, Weight Per
Dozen 15 Lbs. \$12.00
Per Dozen
Open Stock.

CAKE MAKERS

UNIVERSAL



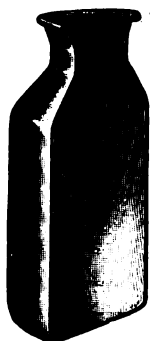
Wrought Steel Bowl, Tinned, Heavily Tinned Working Parts,
Complete with Mixing Flier, Kneading Rod and Table
Clamp on Bottom.

No. 10—Capacity 4 Quarts, Bowl 4 3/4 inches Deep,
Weight Per Dozen 100 Lbs. \$36.00
Per Dozen
Open Stock.

Mixes the batter for all kinds of cake, easier, more uniform,
and a great deal quicker than by hand. For every revolution of
the crank, the beaters revolve five times, insuring rapid, uni-
form, and thorough mixing of the materials. The mixing fliers
are used for beating eggs, whipping cream, and mixing all
kinds of soft batter. The kneading rod is used for mixing or
kneading dough or batter too heavy for the mixing fliers.

RAILROAD MILK CANS

NESCO WONPIECE



One Piece Drawn Steel Bottom, Body, Breast, Neck and Bowl, Tinned After Made Up, Wrought Steel Handles.

One step after another each single piece of steel is drawn and spun, shaped first into a very shallow and wide bowl, then deeper and deeper until it comes into the form of a deep cylinder with straight sides. Then the sides are formed into shape of the neck and bowl. The formation of the cylinder and then the later formation of the neck and bowl is done by the tools in such a uniform manner that the capacity of every can is fully actual capacity absolute and uniform. The breast hoop and the outside bottom hoop are both shrunk onto the body securely, giving the necessary protection at those points where the can is likely to receive the severest knocks. The wrought steel handles are attached at the breast hoop.

SANITARY SEAMLESS PATTERN



Sanitary Seamless Cover.

Nos.	50	80	100
Gallons	5	8	10
Diameter Neck, Inches.....	6	7 1/4	7 1/4
Av. Weight Each, Lbs.....	18 1/2	24	28 1/2
Each	\$5.30	6.00	6.80

UMBRELLA PATTERN



Umbrella Cover.

Nos.	500	800	1000
Gallons	5	8	10
Diameter Neck, Inches.....	6	7 1/4	7 1/4
Av. Weight Each, Lbs.....	19 1/2	25	29 1/4
Each	\$5.70	6.50	7.20

MILWAUKEE

SANITARY SEAMLESS PATTERN



Sanitary Seamless Cover.

Smooth Wrought Steel, Retinned, Double Seamed, Heavy Riveted Beveled Edge, Steel Top Hoop, Heavy Riveted Outside Bottom Hoop, Improved body Side Seams, All Seams and Rivets are Carefully Floated with Pure Solder. The body and Bottom Rest on an Offset of the Strong Outside Bottom Hoop, Round Reinforced Handles.

Nos.	1050	1080	1100
Gallons	5	8	10
Diameter Neck, Inches.....	6	6	6
Av. Weight Each, Lbs.....	11 3/4	16 1/2	17 1/2
Each	\$3.00	3.80	4.00

SANITARY SEAMLESS PATTERN



Sanitary Seamless Cover.

Smooth Wrought Steel, Retinned, Double Seamed Heavy Riveted Beveled Edge, Steel Top Hoop, Riveted Outside Bottom Hoop, 2 1/2 inches Wide, Improved Body Side Seam, All Seams and Rivets are Carefully Floated with Pure Solder. The Body and Bottom Rest on an Offset of the Strong Outside Bottom Hoop. Round Reinforced Handles.

Nos.	1180	1200
Gallons	8	10
Diameter Neck, Inches.....	7 1/4	7 1/4
Av. Weight Each, Lbs.....	16 1/4	17 1/4
Each	\$4.10	4.80

NEW JERSEY PATTERN



Extra Heavy Wrought Steel, Retinned, Bottom is One Piece 14 Gauge Steel, Double Neck, Improved Body Side Seam. The Breast is Seamless and the Rim is Swedged into the Shape of the Reinforcing Hoop, which Fits Tightly into this Swedge. All Seams and Rivets are Carefully Floated with Pure Solder. Round Reinforced Handle.

Nos.	881	1881
Gallons	10	10
Diam. Neck, Inches....	6	7 1/4
Av. Weight Each, Lbs..	22 1/4	22 1/2
Each	\$4.40	4.80

RAILROAD MILK CANS

CREAM CITY

Cream City Milk Cans are made throughout from the finest grade extra heavy milk can stock, all side body seams are riveted.

The breast is drawn to a cone shape which shape offers more resistance and strength than any other style.

The breast hoops on the Western Pattern have electrically welded joints and are shrunk onto the cans. In all other patterns the hoops are concealed between the body and the breast. The joints of the bottom hoops are electrically welded.

All parts are double tinned after being made up. Every seam and crevice is thoroughly flooded with solder leaving a smooth surface and making them perfectly sanitary and durable.

Dimensions of Cream City Milk Cans.

5 Gallons	8 Gallons	10 Gallon
10 1/2 x 19 1/2	13 x 20 3/4	13 x 24

WESTERN PATTERN



The breast hoops have welded joints and are shrunk onto the breast, and the breast and hoop are then shrunk onto the the body. The strong bottom hoops are electrically welded and securely riveted and soldered to the outside of the body, and are so constructed that both the body and bottom of the can rest on the shoulder of the bottom hoops.

Seamless Stamped Cover, Round Handles.

Nos.	5	8	10
Gallons	5	8	10
Diam. Neck, In..	6	6	6
Av. Wt. Ea., Lbs.	11 1/2	15 1/2	17
Each	\$3.00	3.80	4.00
Nos.	87 1/4	107 1/4	
Gallons	8	10	
Diam. Neck, In..	7 1/4	7 1/4	
Av. Wt. Ea., Lbs.	15 1/2	17	
Each	\$4.10	4.30	

JERSEY PATTERN



The breasts are equipped with concealed heavy steel hoops inserted between breast and body, giving great strength and leaving the cans perfectly smooth inside and outside. The pressed steel hoopless bottom is another strong feature of this can. It is drawn to form an outside channel into which the body of the can is inserted. The seams are completely flooded with solder, making this can practically one solid piece.

Seamless, Stamped Cover, Round Handles.

Nos.	51	81	101
Gallons	5	8	10
Diam. Neck, In..	6	6	6
Av. Wt. Ea., Lbs.	11 1/2	18 3/4	22
Each	\$3.60	4.70	5.10

Seamless, Stamped Cover, Malleable Handles.

Nos.	514	814	1014
Gallons	5	8	10
Diam. Neck, In..	6	6	6
Av. Wt. Ea., Lbs.	12	19 1/4	22 1/2
Each	\$3.60	4.70	5.10



The breast hoops have welded joints and are shrunk onto the breast and the breast and hoop are then shrunk onto the body. The strong bottom hoops are electrically welded and securely riveted and soldered to the outside of the body, and are so constructed that both the body and bottom of the can rest on the shoulder of the bottom hoops.

Rimmed Bell Top Cover, Round Handles.

Nos.	50	80	100
Gallons	5	8	10
Diam. Neck, In..	6	6	6
Av. Wt. Ea., Lbs.	12	16	17 1/2
Each	\$3.40	4.20	4.40



The breasts are equipped with concealed heavy steel hoops inserted between breast and body, giving great strength and leaving the can perfectly smooth inside and outside. The pressed steel hoopless bottom is another strong feature of this can. It is drawn to form an outside channel into which the body of the can is inserted. The seams are completely flooded with solder, making this can practically one solid piece.

Deep Rimmed Cover, Round Handles.

Nos.	051	081	0101
Gallons	5	8	10
Diam. Neck, In..	6	6	6
Av. Wt. Ea., Lbs.	11 1/2	18 3/4	22
Each	\$3.60	4.70	5.10

RAILROAD MILK CANS

CREAM CITY
JERSEY PATTERN

The breasts are equipped with concealed heavy steel hoops inserted between breast and body giving great strength and leaving the can perfectly smooth inside and outside. The pressed steel hoopless bottom is another strong feature of this can. It is drawn to form an outside channel into which the body of the can is inserted. The seams are completely flooded with solder, making this can practically one solid piece.

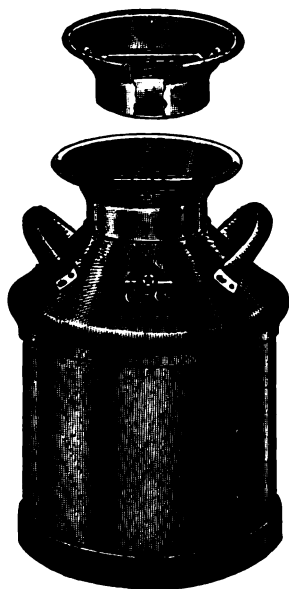
Rimmed Bell Top Cover, Round Handles.

Nos.	52	82	102
Gallons	5	8	10
Diameter Neck, Inches.....	6	6	6
Av. Weight Each, Lbs.....	12	19 1/4	22 1/2
Each	\$3.70	5.00	5.50

Rimmed Bell Top Cover, Malleable Handles.

Nos.	524	824	1024
Gallons	5	8	10
Diameter Neck, Inches.....	6	6	6
Av. Weight Each, Lbs.....	12 1/2	19 3/4	23
Each	\$3.75	5.00	5.50

EXTRA HEAVY DUBUQUE PATTERN



These cans have strong half oval breast hoops which are concealed between the body and the breast. The strong bottom hoops are electrically welded and securely riveted and soldered to outside of the body.

Seamless Stamped Cover, Round Handles.

Nos.	705	708	710
Gallons	5	8	10
Diam. Neck, In..	6	6	6
Av. Wt. Ea., Lbs.	15 1/2	20 3/4	24
Each	\$4.60	5.40	5.70



The breasts are equipped with concealed heavy steel hoops inserted between breast and body giving great strength and leaving the can perfectly smooth inside and outside. The pressed steel hoopless bottom is another strong feature of this can. It is drawn to form an outside channel into which the body of the can is inserted. The seams are completely flooded with solder, making this can practically one solid piece.

Rimmed Bell Top Cover, Round Handles.

Nos.	85	1005
Gallons	8	10
Diameter Neck, Inches.....	7 1/4	7 1/4
Av. Weight Each, Lbs.....	20 3/4	24
Each	\$5.50	5.90

Rimmed Bell Top Cover, Malleable Handles.

Nos.	854	1054
Gallons	8	10
Diameter Neck, Inches.....	7 1/4	7 1/4
Av. Weight Each, Lbs.....	21 1/2	24 1/2
Each	\$5.50	5.90

JERSEY PATTERN



The breasts are equipped with concealed heavy steel hoops inserted between breast and body giving great strength and leaving the can perfectly smooth inside and outside. The pressed steel hoopless bottom is another strong feature of this can. It is drawn to form an outside channel into which the body of the can is inserted. The seams are completely flooded with solder, making this can practically one solid piece.

Seamless Stamped Cover, Round Handles.

Nos.	83	103
Gallons	8	10
Diam. Neck, In....	7 1/4	7 1/4
Av. Wt. Each, Lbs.	19 3/4	23
Each	\$4.40	4.80

Seamless Stamped Cover, Malleable Handles.

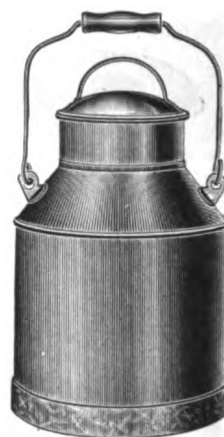
Nos.	834	1034
Gallons	8	10
Diam. Neck, In....	7 1/4	7 1/4
Av. Wt. Each, Lbs.	20 1/4	23 1/2
Each	\$5.00	5.50

CARRYING CANS

ST. JOHN PATTERN



CREAM CITY



Made of Best Quality Extra Heavy Milk Can Stock, Double Tinned, Breast and Neck is Drawn from One Piece, Half Round Steel Breast Hoop Concealed Between Breast and Body of the Can, Upright Side Handle, Fitted with Kinkless Tinned Swivel Chain and Seamless Plug Cover.

Nos.	20	30
Gallons	2	3
Average Weight Each, Lbs.	6 $\frac{3}{4}$	7 $\frac{3}{4}$
Each	\$2.75	3.00

IXX, Galvanized Outside Bottom Hoop, Wire Ball, Enamelled Handle.

No.	500
Gallons	5
Inches	10 $\frac{1}{2}$ x 18 $\frac{1}{2}$
Average Weight Per Dozen, Lbs.	58
Each	\$2.55

CHEESE FACTORY MILK CANS

MILWAUKEE



Heavy Wrought Steel, Riveted, Flanged Bottom Hoop, Improved Seamless Floating Cover, Drop Style Handles.

Nos.	115	120
Gallons	15	20
Inches	16 $\frac{1}{4}$ x 20 $\frac{1}{2}$	17 $\frac{3}{4}$ x 20 $\frac{1}{2}$
Wt. Each, Lbs.	22	24
Each	\$7.00	7.50
Nos.	130	
Gallons	30	
Inches	18 $\frac{3}{4}$ x 28 $\frac{1}{2}$	
Wt. Each, Lbs.	32	
Each	\$8.70	

WISCONSIN



Heavy Wrought Steel, Riveted, Flanged Bottom Hoop, Stationary Ventilated Cover, Drop Style Handles.

Nos.	215	220
Gallons	15	20
Inches	16 $\frac{1}{4}$ x 20 $\frac{1}{2}$	17 $\frac{3}{4}$ x 20 $\frac{1}{2}$
Wt. Each, Lbs.	22	24
Each	\$7.00	7.50
Nos.	280	
Gallons	30	
Inches	18 $\frac{3}{4}$ x 28 $\frac{1}{2}$	
Wt. Each, Lbs.	32	
Each	\$8.70	

The cover is held at the top of the can by a flange, preventing the cover from sinking below the milk; especially desirable where long hauls are made.

BUHL

BUHL

REGULAR



Extra Heavy Welded Wrought Steel Top, Finest Cookley K Charcoal Sheets, Heavily Retinned Inside and Outside, Solid Welded Wrought Iron Hoops, Seamless Floating Cover, Tinned Malleable Iron Handles on Side, Center and Bottom Hoops.

Nos.	9220	9230	9240
Gallons	20	30	40
Height, In.	31	31	31
Diam., In.	15 $\frac{1}{2}$	18 $\frac{3}{8}$	20 $\frac{1}{8}$
Wt. Ea., Lb.	29	33	40
Each	\$10.00	11.40	13.90

ROYAL



Extra Quality Cookley K Charcoal Sheets, Heavily Retinned Inside and Outside, Solid Welded Wrought Iron Hoops, Stationary Cover, Malleable Iron Handles, Has Sharp, Deep Swedge in Body Below the Cover, Preventing the Milk from Slopping Out, the Best Can on the Market to Stand Hard Usage and Give Satisfaction.

Nos.	8420	8430	8440
Gallons	20	30	40
Height, In.	31	31	31
Diam., In.	15 $\frac{1}{2}$	18 $\frac{3}{8}$	20 $\frac{1}{8}$
Wt. Ea., Lb.	29	33	40
Each	\$10.40	11.70	14.20

FACTORY MILK CAN STOCK

Complete Stock for Can, Except Solder.

REGULAR PATTERN

ROYAL PATTERN

Nos.	9120	9130	9140
Gallons	20	30	40
Per Set	\$8.20	9.70	11.80

Nos.	8320	8330	8340
Gallons	20	30	40
Per Set	\$8.60	10.00	12.00

MILK COOLERS AND AERATORS



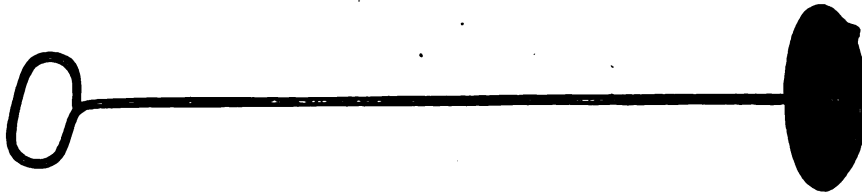
Saves Ice, Time and Labor, Causes the Complete Removal of Animal Heat, Thus Insuring Milk that Will not Sour.

No. 10—5 1/2 inches Diameter at Bottom, 24 inches High, Retinned, Weight Per Dozen 25 Lbs. Each \$1.00

DIRECTIONS

Push the Aerator into the milk to the bottom of the can, which action causes the pure air contained in the bowl of the Aerator to be forced through its flues into the milk, thus causing a perfect aeration and removal of animal heat. When the bubbling in the milk stops, immediately raise the Aerator entirely out of the milk so that a new charge of air is received and then force it back to the bottom of the can again. Each time you force the Aerator down, fresh air is forced through the milk. Repeat this operation several times, and you will have clean, pure and wholesome milk.

MILK STIRRERS

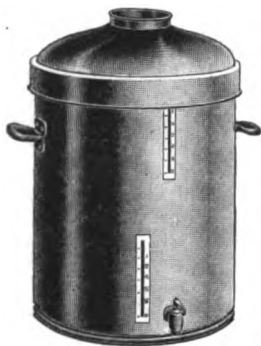


Tinned Steel Saucer Shaped Disc, with Pouring Lip, Wrought Steel Handle, Heavily Tinned, with Loop at End.

No. MS—5 1/4 inch Diameter Disc, 25 inch Handle, Weight Per Dozen 14 Lbs. Per Dozen \$5.20
This is a Sampler as well as a Stirrer, and is a perfect device for taking samples for testing or other purposes.

CREAM SEPARATORS

NATIONAL



Nos.	1	2	3
Gallons	10	15	20
Inches Less Cover. 13 1/4 x 20	16x20	16x26	
Each	\$7.60	8.20	9.40

Improved, retinned, stamped reversible cover, 4 1/4 inch strainer with brass strainer cloth; heavy retinned steel hoops on bottom and top of body afford extra strength and give durability, deep pitch bottom throws all the milk down to the faucet.

DOTY



Nos.	10	20	30	40
Gallons	10	15	23	29
Each	\$5.00	6.00	7.00	8.00

Has patent ventilating and aerating cover, which strains the milk and aerates it by striking on a disk and spreading out very thin; reverse the cover and it gives scientifically perfect ventilation, drawing foul air from the milk, and not towards it. This prevents cream from drying. Has anti-whirlpool bottom which prevents cream from being drawn before milk has all run off. All cream is separated from the milk in an hour.

CROWN



The inner can has an upright tube connected with the water in the outer tank, thereby affording a complete circulation of water, both inside and outside the inner can.

A larger area of cooling surface is thus obtained.

A hose may be attached to the opening of the tube and a current of water allowed to run through the Creamer.

The milk, as it is strained into the Creamer, falls on the inner tube, and is thoroughly aerated as it passes into the Creamer, thus cooling the milk rapidly.

Fitted with Removable Gauge and large flow-water and Polished Nickel Plated Brass Lever Handle Milk Faucets.

The Milk Can is made of 4-A Bright Charcoal Tin, Round, with Center Tube, has a deep grooved Bottom. The outside of can is coated with aluminum.

The water tank is made of heavy galvanized steel, double seamed bottom, joints well soldered, outside coated with aluminum, trimmed with deep blue bands and gilt stripes in swedges and an attractive gold leaf transfer.

The cover on the Crown Creamer is also used as a strainer, and has removable cone wire strainer, painted on outside with orange lacquer.

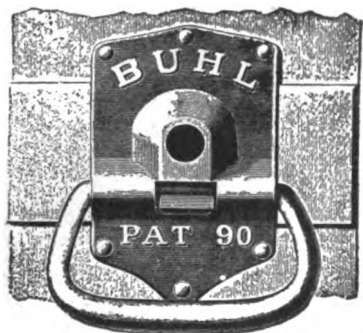
Removing the cone wire from the strainer and placing the perforated tin disk in the cover allows perfect ventilation for the milk at all times.

The water capacity of the water tank is the largest on the market. This is the most important point on these goods, as the milk must at all times be kept cool, and that is possible only with large water tanks.

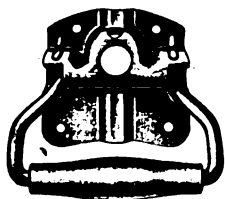
The inner can is easily removed for cleaning by unscrewing faucet.

Nos.	31	32	33	34	35	36
Gallons	4	6	8	10	12	14
Capacity of Water Tank, Gallons.	9	14	18	23	26	30
Each	\$5.80	6.70	7.20	7.70	8.00	8.40

MILK CAN TRIMMINGS

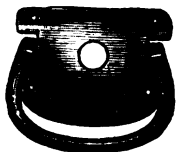
FACTORY MILK CAN HANDLES
SIDE

No. 90 Buhl "H"—Noiseless,
Malleable Iron, Tinned, Extra
Heavy\$1.00



No. 1211T—4½ inch Wide Handle,
⅝ inch Diameter Wire,
3½x3 inch Plate, Tinned
Wrought Steel\$7.20
No. 1211J—Same as Above, Ja-
panned 6.00

The large hole in the plate is for
hooks where cans are loaded and un-
loaded by conveyor systems.



No. 95 Climax—Cast Iron, Ja-
panned, 4½ inches Wide,
with Hole in Plate for Hoist-
ing\$3.25

COVER



No. 50—Stamped Steel, Tinned..\$2.00

MILK CAN SEALS



No. 132—Lead Seal, Annealed Steel Wire.....\$2.00

R. R. MILK CAN HANDLES
COVER

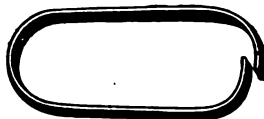
No. 75—Stamped Steel, Tinned..\$1.00

BREAST



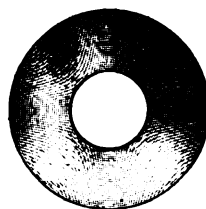
Pioneer—Round, One-Piece Steel,
Retinned\$6.00

MILK CAN COVER LINKS



Tinned, for Linking Cover to the Can.
No. 25—Milk Can Cover Links,
with Rivets\$0.72

MILK CAN WASHERS



Cut Full Size.
Milk Can Washers—Tinned Iron,
Diameter 1 inch, ⅞ inch
Hole\$0.36

CREAM CAN COVERS
COLUMBIA

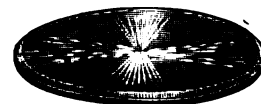
No. IX Tin.
Inches 8¼
Per Gross\$18.00

MILWAUKEE



No. IX, Extra Deep.
Inches 8¼
Per Gross\$14.00

CREAM CAN BOTTOMS



	IX	IX	IXX
Inches	8¼	8¼	8¼
Per Gross	\$11.80	12.30	13.20

	IXX	IXXX	IXXX
Inches	8¼	8¼	8¼
Per Gross	\$13.80	15.50	16.20

BRASS NAME PLATES



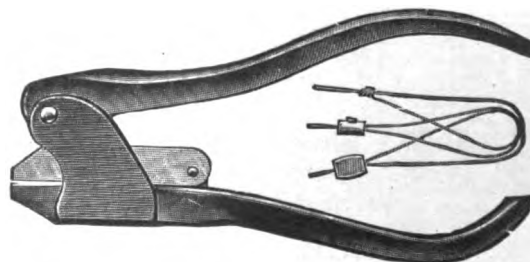
Each
Brass Name Plates—Furnished
and Soldered on Cans to Spe-
cial Order\$0.25

COPPER LETTERS AND FIGURES



Tinned on One Side.
Copper Letters—1½ inch, from
A to Z.....\$1.50
Copper Figures—1½ inch, from
0 to 9..... 1.50

SEALING PRESSES



No. 132—6 inches Long, Malleable Iron, Japanned, Steel
Dies, Weight Each 1 Lb.....\$3.50

POT COVERS

LASHER'S SPRING-IN HANDLE



Adjusting a Spring-in Handle.

Lasher's Spring-in Handle, Spring Steel Handles, Hemmed Edges, Tinned,

Each Size Embossed in Cover.

Inches	7 1/2	7 3/4	8	8 1/4	8 1/2	8 3/4	9
Wt. Dozen, Lbs...	2	2 1/4	2 1/2	2 3/4	2 3/4	3	3
Per Dozen	\$0.70	.72	.72	.74	.74	.82	.82
Inches	9 1/4	9 1/2	9 3/4	10	10 1/4	10 1/2	10 3/4
Wt. Dozen, Lbs...	3 1/4	3 1/4	3 1/2	3 1/2	3 3/4	3 3/4	4
Per Dozen	\$0.86	.86	.94	.94	1.00	1.00	1.15

Inches	11	11 1/4	11 1/2	11 3/4	12	12 1/4	12 1/2	12 3/4	13	13 1/2
Weight Per Dozen, Lbs...	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2
Per Dozen	\$1.15	1.30	1.30	1.55	1.55	1.75	1.75	2.00	2.00	2.25

One Dozen in a Carton.

POT COVER ASSORTMENTS

Lasher's Spring-in Handle Cover Assortment, in Solid Steel Rack, Black Japanned.

No. 15 Assortment—Contains One Solid Steel Display Rack, Japanned Black, and One Dozen of Each of the Following Twelve Sizes, 7 1/2, 8, 8 1/2, 9, 9 1/2, 10, 10 1/2, 11, 11 1/2, 12, 12 1/2 and 13 inches, Weight Per Assortment 70 Lbs. \$20.00



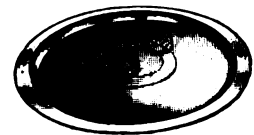
No. 15 Assortment.

NEW KINK FOLDING HANDLE

No. D Assortment—Consists of a Special Display Rack, 20x11x70 inches, and One Dozen of Each of the Following Eighteen Sizes, 8 1/4, 8 3/4, 9 1/4, 9 1/2, 9 3/4, 10, 10 1/4, 10 1/2, 10 3/4, 11, 11 1/4, 11 1/2, 11 3/4, 12 1/4, 12 1/2, 13 1/2, 14 1/4 and 15 1/4 inches, Size of Pot Cover Stenciled at Left opposite Each Compartment and Nos. of Corresponding Kettles at Right, Weight Per Assortment 120 Lbs. \$30.00

CONTENTS OF ASSORTMENT D

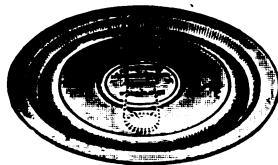
1 Dozen 8 1/4 inch.	1 Dozen 11 inch.
1 Dozen 8 3/4 inch.	1 Dozen 11 1/4 inch.
1 Dozen 9 1/4 inch.	1 Dozen 11 1/2 inch.
1 Dozen 9 1/2 inch.	1 Dozen 11 3/4 inch.
1 Dozen 9 3/4 inch.	1 Dozen 12 1/4 inch.
1 Dozen 10 inch.	1 Dozen 12 1/2 inch.
1 Dozen 10 1/4 inch.	1 Dozen 13 1/2 inch.
1 Dozen 10 1/2 inch.	1 Dozen 14 1/4 inch.
1 Dozen 10 3/4 inch.	1 Dozen 15 1/4 inch.



Dotted Line Shows Handle Folded.

POT COVERS

SPRING RING



PERFECTION



Cream City, Stamped, Spring Ring, Hemmed Edges.

Inches	7	7 1/2	8	8 1/2	9	9 1/2	10
Wt. Dozen, Lbs...	2 1/4	2 1/2	3	3 1/4	3 1/2	3 3/4	4
Per Dozen	\$0.70	.76	.78	.88	1.00	1.04	1.10
Inches	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2
Wt. Dozen, Lbs...	4	4 1/2	5	5 1/2	6	6 1/2	7
Per Dozen	\$1.20	1.30	1.55	1.75	2.00	2.30	2.65

One-half Dozen in a Package.

Stamped, IC, Ringed, Hemmed Edge.

Inches	7	7 1/2	8	8 1/2	9	9 1/2
Wt. Dozen, Lbs...	1 1/2	2	2 1/4	2 3/4	3	3 1/2
Per Dozen	\$0.56	.58	.60	.64	.70	.76
Inches	10	10 1/2	11	11 1/2	12	12 1/2
Wt. Dozen, Lbs...	3 1/4	4 1/4	4 1/2	4 3/4	5 1/4	5 1/2
Per Dozen	\$0.80	.86	1.00	1.10	1.32	1.50

One Dozen in a Package.

TINNERS' TRIMMINGS

CAN SCREWS



Tin.

Size, Inches	1/2	3/4	1
Per Gross	\$1.40	1.80	2.20
Size, Inches	1 1/4	1 1/2	2
Per Gross	\$2.70	3.00	5.20

Zinc.

Size, Inches	1/2	3/4	1
Per Gross	\$4.00	4.50	6.00
Size, Inches	1 1/4	1 1/2	2
Per Gross	\$8.00	12.00	20.00

One-half Gross in a Box.

MILK CAN SCREWS



Spun Zinc.

Inches	3x1 1/2	4x1 1/2
Wt. Dozen, Lbs.	1	1 1/2
Per Dozen	\$1.25	1.45

Two Dozen in a Box.

SPRINKLER ROSES



Zinc Cap, Tin Base, Screw Top.

Nos.	200	20	21
Inches	1 1/2	2 1/4	3
Per Dozen	\$0.70	.90	1.10
Nos.	22	23	
Inches	3 1/2	4 1/4	
Per Dozen	\$1.40	1.80	

One Dozen in a Box.

PAIL WOODS

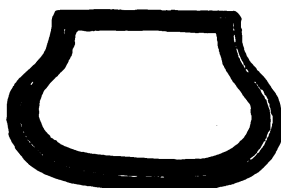


Black Enameled Wood.

Nos.	1 1/2	6
Length, Inches	3 1/2	4
Diameter, Inches	7/8	1 1/8
Wt. Gross, Lbs.	8	9
Per Gross	\$1.40	1.80

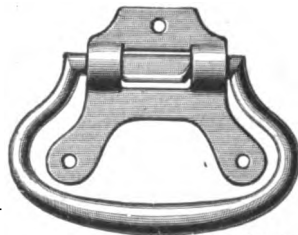
One Gross in a Box.

BOILER HANDLES

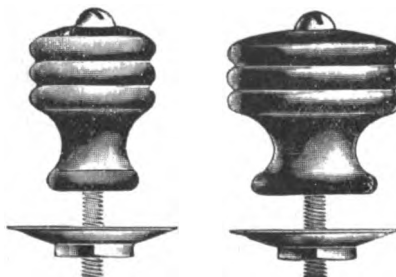


Malleable Iron, Coppered.

Nos.	2C	3C	2J
Clip, In., Outside	2 1/4	2 1/2	2 3/4
Grip, In., Outside	3 3/4	4 1/8	3 3/4
Wt. Per 100, Lbs.	19	34	19
Per Pound	\$0.10	.10	.10

NOTE—No. 2J is Japanned.
Open Stock.

Per Dozen Pairs

No. 3575C—4 inches Wide, Malleable Iron, Tinned, with Clip. \$2.50
One Dozen Pairs in a Box.KETTLE KNOBS
SELF-FASTENING

No. 52.

No. 54.

Black Enameled, with Nut and Washer.

Nos.	52	53	54
Diam., Inches	1/2	3/4	7/8
Per Gross	\$1.50	1.50	1.50

The bolt is firmly fixed in the knob, so that the nut can be turned to its place without trouble.

One-quarter Gross in a Box.

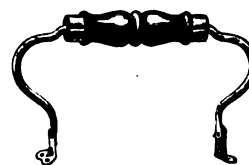
IDEAL COVER KNOBS



Per Card

No. 36—Ideal Cover Knobs, for Tea and Coffee Pot and Kettle Covers, 36 Assorted on a Card, 20 Large, 16 Small, Two Washers on Each Knob. \$0.60
One Card in a Box.

TEA KETTLE HANDLES AND EARS

Black Enameled Wood Grip.
No. 1—Malleable Ears, Retinned Wire Running Through Handle, Per Dozen\$1.40

One Dozen in a Box.

TEA AND COFFEE POT HANDLES

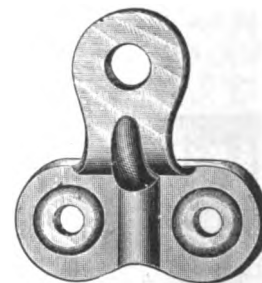


Wood, Black Enameled, with Hinge and Ear for Soldering.

Nos.	54 1/2	55 1/2
Length, In.	5 1/2	6
Per Dozen	\$1.00	1.00

One Dozen in a Box.

KETTLE EARS



No. 30.

STAR, Wrought Steel, Tinned.

Nos.	20	30	40
Inches	1 1/8 x 1 1/4	1 1/4 x 1 1/2	1 1/2 x 1 3/4
Wt. Gro., Lbs.	2 1/2	2 3/4	3 1/4
Single Gross	\$1.10	1.35	1.90

Nos.	50	60	70
Inches	1 3/4 x 2	2 x 2 1/4	2 1/4 x 2 1/2
Wt. Gro., Lbs.	4 1/2	6	8
Single Gross	\$2.35	2.90	4.05

One Gross in a Box.

CREAM CAN EARS, IMPROVED



Per Gross Pairs

No. 35—Improved, Extra Heavy, Retinned\$3.80
One-half Gross Pairs in a Box.

DEPARTMENT NO. 7

TIN PLATE, SHEET STEEL

PLANISHED AND GALVANIZED IRON, EAVES
TROUGH, CONDUCTOR, CONDUCTOR ELBOWS,
EAVES TROUGH AND CONDUCTOR HANGERS,
CONDUCTOR STRAINERS, WATER CUT-OFFS,
STEEL ROOFING, CORRUGATED AND CRIMPED
STEEL SHEETS, STEEL SIDING, STEEL CEILINGS
AND SIDE WALLS, SHEET COPPER, ZINC,
SOLDER AND METALS, WIRE, TINNERS'
SUPPLIES, TINNERS' MACHINES AND TOOLS

Wm. Frankfurth Hardware Co.

MILWAUKEE

AMERICAN ROOFING PLATE

FRANKFURTH'S EXTRA OLD STYLE



Stamped and Resquared, 40 Lb. Coating.

Keystone Copper Steel, Bright Dry Finish, Medium Mottle, All Primes, no Wasters, a High Grade Old Style Plate.

	Per Box
IC—20x28 inch	\$.....
IX—20x28 inch	\$.....
112 Sheets in a Box.	

VERNON OLD STYLE

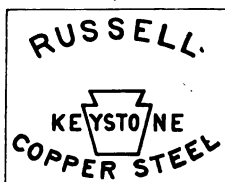


Stamped and Resquared, 20 Lb. Coating.

Keystone Copper Steel, Bright Dry Finish, Medium Mottle, All Primes, no Wasters.

	Per Box
IC—20x28 inch	\$.....
IX—20x28 inch	\$.....
112 Sheets in a Box.	

RUSSELL



Stamped and Resquared, 8 Lb. Coating.

Keystone Copper Steel, Dark Oil Finish, All Primes, no Wasters.

	Per Box
IC—20x28 inch	\$.....
IX—20x28 inch	\$.....
112 Sheets in a Box.	

TAYLOR'S OLD STYLE



Stamped and Resquared.

	Per Box
IC—20x28 inch	\$.....
IX—20x28 inch	\$.....
112 Sheets in a Box.	

FRANKFURTH'S OLD STYLE



Stamped and Resquared, 25 Lb. Coating.

Keystone Copper Steel, Bright Dry Finish, Mottle, All Primes, no Wasters, a High Grade Old Style Plate.

	Per Box
IC—20x28 inch	\$.....
IX—20x28 inch	\$.....
112 Sheets in a Box.	

FOSTER OLD STYLE

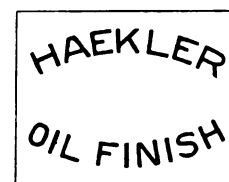


Stamped and Resquared, 12 Lb. Coating.

Keystone Copper Steel, Bright Dry Finish, Small Mottle, All Primes, no Wasters.

	Per Box
IC—20x28 inch	\$.....
IX—20x28 inch	\$.....
112 Sheets in a Box.	

HAEKLER



8 Lb. Coating.

Oil Finish.

	Per Box
IC—20x28 inch	\$.....
112 Sheets in a Box.	

SCOTT'S EXTRA COATED



Stamped and Resquared.

	Per Box
IC—20x28 inch	\$.....
IX—20x28 inch	\$.....
112 Sheets in a Box.	

FIRE DOOR TIN

	Per Box
IC—14x20 inch	\$.....
112 Sheets in a Box.	

AMERICAN TIN PLATE



AAA, BEST AMERICAN BRIGHT CHARCOAL

Packed with Tissue Paper.

				Per Box
IX	Tin, Size 14x28 inches,	112 Sheets in a Box.....		\$.....
IC	Tin, Size 20x28 inches,	112 Sheets in a Box.....		
IX	Tin, Size 20x28 inches,	112 Sheets in a Box.....		
IXX	Tin, Size 20x28 inches,	56 Sheets in a Box.....		
IXXX	Tin, Size 20x28 inches,	56 Sheets in a Box.....		
IXXXX	Tin, Size 20x28 inches,	56 Sheets in a Box.....		

BRIGHT COKE TIN (FURNACE TIN)

			Per Box
IC	Tin, Size 20x28 inches,	112 Sheets in a Box	\$.....
IC	Tin, Size 20x29 1/2 inches,	112 Sheets in a Box, for 8 inch Pipe	
IC	Tin, Size 20x32 1/2 inches,	112 Sheets in a Box, for 10 inch Pipe	

COOKLEY K MILK CAN OR CHEESE VAT TIN PLATE

VERY FINEST QUALITY, NO WASTERS

Imported English, Packed with Tissue Paper.

Size, Inches	Tin	Brand	Approximate Weight Per Sheet	Approximate Number of Sheets in a Case	Suitable for	Per Pound
16x16	IXXXX	Cookley K.	1 1/2 Lbs.	112	Can Tops and Bottoms	\$.....
18x18	IXXXX	Cookley K.	2 Lbs.	112	Can Tops and Bottoms	.....
20x49	IXXXX	Cookley K.	6 1/4 Lbs.	82	15 Gallon Cans	.....
20x60	IXXXX	Cookley K.	7 1/2 Lbs.	65	Cheese Vats	.....
20x66	IXXXX	Cookley K.	8 Lbs.	58	Cheese Vats	.....
22x66	IXXXX	Cookley K.	9 Lbs.	55	Cheese Vats	.....
28x46	IXXXX	Cookley K.	8 Lbs.	65	15 Gallon Cans	.....
28x49	IXXXX	Cookley K.	9 Lbs.	58	20 Gallon Cans	.....
28x59	IXXXX	Cookley K.	11 3/4 Lbs.	50	30 Gallon Cans	.....
30x72	IXXXX	Cookley K.	13 3/4 Lbs.	37	50 Gallon Cans	.....
36x84	IXXXXXXX	Cookley K.	24 Lbs.	22	Cheese Vats	.....
40x84	IXXXXXXX	Cookley K.	26 1/2 Lbs.	20	Cheese Vats	.....
41x96	IXXXXXXX	Cookley K.	31 Lbs.	17	Cheese Vats	.....
41x58	IXXXXXXX	Cookley K.	19 1/4 Lbs.	30	Cheese Vats	.....
	IXXXXXXX	Cookley K.	28 Lbs.	18	Cheese Vats	.....
41x87						
44x96	IXXXXXXX	Cookley K.	34 Lbs.	15	Cheese Vats	.....
48x96	IXXXXXXX	Cookley K.	36 1/2 Lbs.	15	Cheese Vats	.....
48x108	IXXXXXXX	Cookley K.	41 Lbs.	14	Cheese Vats	.....
52x96	IXXXXXXX	Cookley K.	42 Lbs.	13	Cheese Vats	.....

SHEET STEEL



Best Quality, Blue Annealed.

No. of Wire Gauge	Width, Inches.	Length, Inches.	Per 100 Pounds	Thickness, Inches	Weight of Square Foot in Ounces.	Weight of Square Foot in Pounds.	No. of Sheets in Bundle	Weight Per Bundle, Lbs.
14	30	96	\$.....	5/64	50	3.125	3	175
16	30	96	.....	1/16	40	2.5	3	140

Best Quality, One Pass Cold Rolled.

No. of Wire Gauge	Width, Inches.	Length, Inches.	Per 100 Pounds	Thickness, Inches	Weight of Square Foot in Ounces.	Weight of Square Foot in Pounds.	No. of Sheets in Bundle	Weight Per Bundle, Lbs.	
18	30	96	\$.....	1/20	32	2	4	149	
20	30	96	.....	3/80	24	1½	5	140
20	24	101	.....	3/80	24	1½	6	151
22	30	96	.....	1/32	20	1¼	6	140
22	24	101	.....	1/32	20	1¼	7	147
24	30	96	.....	1/40	16	1	8	149
24	24	101	.....	1/40	16	1	9	151
26	24	101	.....	3/160	12	¾	12	151
27	24	101	.....	11/640	11	⅔	12	139
28	24	101	.....	1/64	10	⅝	14	147
26	24	101	Best Quality One Pass Cold Rolled, Uniform Color						Per 100 Pounds \$.....
27	24	101	Best Quality One Pass Cold Rolled, Uniform Color

WOOD'S REFINED SMOOTH FINISH



This Iron is all Open Rolled, of good dark uniform color, without buckle, true to gauge, and when stored or manufactured and exposed, will not rust like the cold rolled iron and steel, requiring no special lacquering or varnishing, and will blacken in stoves and pipes far better than the other iron and steel, which are rolled and finished by different methods. A good and regular soft, easy working Sheet Iron is assured.

No. of Wire Gauge	Width, Inches.	Length, Inches.	Per 100 Pounds	Thickness, Inches	Weight of Square Foot in Ounces.	Weight of Square Foot in Pounds.	No. of Sheets in Bundle	Weight Per Bundle, Lbs.
16	28	96	\$.....	1/16	40	2½	3	150
18	28	96	.....	1/20	32	2	4	160
20	28	96	.....	3/80	24	1½	5	150
22	28	96	.....	1/32	20	1¼	6	150
24	24	101	.....	1/40	16	1	9	152
26	24	101	.....	3/160	12	¾	12	151
27	24	101	.....	11/640	11	⅔	13	150
27	28	101	.....	11/640	11	⅔	11	149

PLANISHED SHEET IRON



WOOD'S

Grade	Number of Wire Gauge	Width, Inches	Length, Inches	Weight Per Sheet Pounds.	Bundles, Per Pound	Less than Bundles, Per Pound
A	26	28	60	10	\$.....	\$.....
A	27	28	60	9 1/2	.....	.....
B	26	28	60	10	.....	.....
B	27	28	60	9 1/2	.....	.....

Packed in Sheet Iron Cases of 240 to 250 Pounds Each.

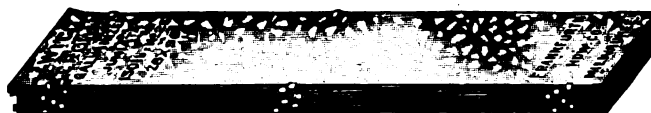
WELLSVILLE POLISHED SHEET STEEL



Number of Wire Gauge	Width, Inches	Length, Inches	Per 100 Pounds	Thickness, Inches.	Weight Per Square Foot, in Ounces.	Weight Per Square Foot, in Pounds
26	24	101	\$.....	3/160	12	3/4
27	24	101	.....	11/640	11	3/4
26	28	101	.....	3/160	12	3/4
27	28	101	.....	11/640	11	3/4

Average Weight Per Bundle 150 Pounds.

GALVANIZED SHEET STEEL



BEST QUALITY JUNIATA

Number of Wire Gauge	Size, Inches	Length, Inches	Per 100 Pounds	Thickness, Inches	Weight of Square Foot, in Ounces	Square Feet in 100 Pounds	Number of Sheets in a Bundle.
16	28, 30	96	\$.....	1/16	42 1/2	38	3
18	28, 30	96	.....	1/20	34 1/2	46	4
18	36	96	.....	1/20	34 1/2	46	4
20	28, 30	96	.....	3/80	26 1/2	60	5
20	28	101	.....	3/80	26 1/2	60	5
20	36	96	.....	3/80	26 1/2	60	5
20	30	120	.....	3/80	26 1/2	60	3
22	28, 30	96	.....	1/32	22 1/2	71	6
22	28	101	.....	1/32	22 1/2	71	6
22	36	96	.....	1/32	22 1/2	71	6
24	28, 30	96	.....	1/40	18 1/2	86	7
24	36	96	.....	1/40	18 1/2	86	7
26	28, 30	96	.....	3/160	14 1/2	110	8
26	28	101	.....	3/160	14 1/2	110	8
26	24	101	.....	3/160	14 1/2	110	8
26	36	96	.....	3/160	14 1/2	110	8
26	30	120	.....	3/160	14 1/2	110	8
27	28, 30	96	.....	11/640	13 1/2	118	9
28	28, 30	96	.....	1/64	12 1/2	128	10
28	30	120	.....	1/64	12 1/2	.....	8
30	30	96	.....	1/80	10 1/2	.....	11

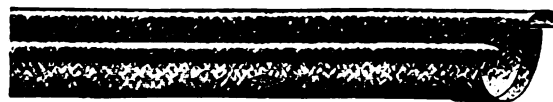
Average Weight Per Bundle 150 Pounds.

EAVES TROUGH

SINGLE BEAD

SLIP JOINT

DOUBLE BEAD



Galvanized Steel, Seamless, Crimp Edge.

Size, Inches	3	3½	4	4½	5
Girt, Inches	6	7	8	9	10
No. 29 Gauge... Per Foot,	\$0.14	.15	.17	.19	.20
No. 28 Gauge... Per Foot,	.16	.17	.19	.21	.22
No. 27 Gauge... Per Foot,	.18	.19	.21	.23	.24
No. 26 Gauge... Per Foot,	.20	.21	.23	.25	.26
No. 24 Gauge... Per Foot,	...	...	.29	.31	.32

Size, Inches	6	7	8	9	10
Girt, Inches	12	14	16	18	20
No. 29 Gauge... Per Foot,	\$0.25	.29	.33	.38	.42
No. 28 Gauge... Per Foot,	.27	.32	.36	.40	.44
No. 27 Gauge... Per Foot,	.30	.34	.39	.44	.48
No. 26 Gauge... Per Foot,	.32	.37	.42	.47	.52
No. 24 Gauge... Per Foot,	.39	.46	.52	.58	.64

All Sizes Made in 10 foot Lengths, 3½, 4, 5 and 6 inch also Made in 12 foot Lengths.

Note—When Ordering Slip Joint Trough, State Whether Right or Left is Wanted, Otherwise Half Left and Right Will be Shipped.

250 Feet in a Crate.

Galvanized Steel, Seamless.

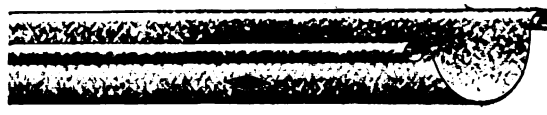
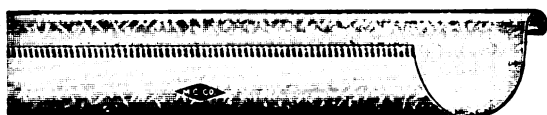
Size, Inches	3	3½	4	4½	5
Girt, Inches	6	7	8	9	10
No. 29 Gauge... Per Foot,	\$0.17	.18	.20	.22	.23
No. 28 Gauge... Per Foot,	.19	.20	.22	.24	.25
No. 27 Gauge... Per Foot,	.21	.22	.24	.26	.27
No. 26 Gauge... Per Foot,	.23	.24	.26	.28	.29
No. 24 Gauge... Per Foot,	...	...	.32	.34	.35

Size, Inches	6	7	8	9	10
Girt, Inches	12	14	16	18	20
No. 29 Gauge... Per Foot,	\$0.28	.32	.36	.41	.45
No. 28 Gauge... Per Foot,	.30	.35	.39	.43	.47
No. 27 Gauge... Per Foot,	.33	.37	.42	.47	.51
No. 26 Gauge... Per Foot,	.35	.40	.45	.50	.55
No. 24 Gauge... Per Foot,	.42	.49	.55	.61	.67

SINGLE BEAD

LAP JOINT

DOUBLE BEAD



Galvanized Steel, Seamless, Crimp Edge.

Size, Inches	3	3½	4	4½	5
Girt, Inches	6	7	8	9	10
No. 29 Gauge... Per Foot,	\$0.13	.14	.16	.18	.19
No. 28 Gauge... Per Foot,	.15	.16	.18	.20	.21
No. 27 Gauge... Per Foot,	.17	.18	.20	.22	.23
No. 26 Gauge... Per Foot,	.19	.20	.22	.24	.25
No. 24 Gauge... Per Foot,	...	...	.28	.30	.31

Size, Inches	6	7	8	9	10
Girt, Inches	12	14	16	18	20
No. 29 Gauge... Per Foot,	\$0.23	.27	.31	.36	.40
No. 28 Gauge... Per Foot,	.25	.30	.34	.38	.42
No. 27 Gauge... Per Foot,	.28	.32	.37	.42	.46
No. 26 Gauge... Per Foot,	.30	.35	.40	.45	.50
No. 24 Gauge... Per Foot,	.37	.44	.50	.56	.62

All Sizes Made in 10 foot Lengths, 3½, 4, 5 and 6 inch also Made in 12 foot Lengths.

Galvanized Steel, Seamless, Crimp Edge.

Size, Inches	3	3½	4	4½	5
Girt, Inches	6	7	8	9	10
No. 29 Gauge... Per Foot,	\$0.16	.17	.19	.21	.22
No. 28 Gauge... Per Foot,	.18	.19	.21	.23	.24
No. 27 Gauge... Per Foot,	.20	.21	.23	.25	.26
No. 26 Gauge... Per Foot,	.22	.23	.25	.27	.28
No. 24 Gauge... Per Foot,	...	...	.31	.33	.34

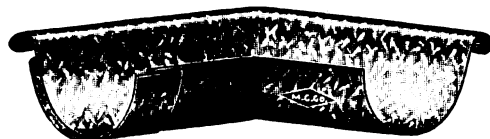
Size, Inches	6	7	8	9	10
Girt, Inches	12	14	16	18	20
No. 29 Gauge... Per Foot,	\$0.26	.30	.34	.39	.43
No. 28 Gauge... Per Foot,	.28	.33	.37	.41	.45
No. 27 Gauge... Per Foot,	.31	.35	.40	.45	.49
No. 26 Gauge... Per Foot,	.33	.38	.43	.48	.53
No. 24 Gauge... Per Foot,	.40	.47	.53	.59	.65

EAVES TROUGH MITRES

SLIP JOINT

ONE PIECE

LAP JOINT

Smooth, Strong
and
Durable.

Galvanized Steel, Inside or Outside Mitre.

SINGLE BEAD

Prices Per Dozen.

Size, Inches	3½	4	4½	5	6	★7	★8
No. 29 Gauge...	\$4.25	4.50	5.00	5.00	6.00	7.50	9.00
No. 28 Gauge...	4.50	4.75	5.25	5.25	6.40	8.00	9.50
No. 27 Gauge...	4.75	5.00	5.50	5.50	6.75	8.50	10.00
No. 26 Gauge...	5.00	5.25	5.75	5.75	7.00	9.00	10.50
No. 24 Gauge...	5.75	6.50	7.50	7.50	8.50	10.00	12.00

DOUBLE BEAD

Prices Per Dozen.

Size, Inches	3½	4	4½	5	6	★7	★8
No. 29 Gauge...	\$5.25	5.50	6.00	6.00	7.00	8.50	10.00
No. 28 Gauge...	5.50	5.75	6.25	6.25	7.40	9.00	10.50
No. 27 Gauge...	5.75	6.00	6.50	6.50	7.75	9.50	11.00
No. 26 Gauge...	6.00	6.25	6.75	6.75	8.00	10.00	11.50
No. 24 Gauge...	6.75	7.50	8.50	8.50	9.50	11.00	13.00

★Note—7 and 8 inch are Made in Two Pieces.

Note—When Ordering Slip Joint "Mitres" State Whether Right or Left Hand is Wanted, and Whether for "Inside" or "Outside" Corner, Otherwise Half, Right and Half Left and Half "Inside" and Half "Outside" Corner Mitres will be Shipped. Five Dozen in a Crate

Galvanized Steel, Inside or Outside Mitre.

SINGLE BEAD

Prices Per Dozen.

Size, Inches	3½	4	4½	5	6	★7	★8
No. 29 Gauge...	\$3.25	3.50	4.00	4.00	5.00	6.50	8.00
No. 28 Gauge...	3.50	3.75	4.25	4.25	5.40	7.00	8.50
No. 27 Gauge...	3.75	4.00	4.50	4.50	5.75	7.50	9.00
No. 26 Gauge...	4.00	4.25	4.75	4.75	6.00	8.00	9.50
No. 24 Gauge...	4.75	5.50	6.50	6.50	7.50	9.00	11.00

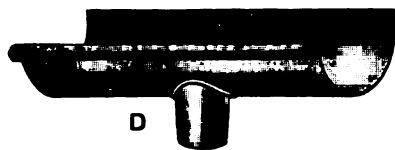
DOUBLE BEAD

Prices Per Dozen.

Size, Inches	3½	4	4½	5	6	★7	★8
No. 29 Gauge...	\$4.25	4.50	5.00	5.00	6.00	7.50	9.00
No. 28 Gauge...	4.50	4.75	5.25	5.25	6.40	8.00	9.50
No. 27 Gauge...	4.75	5.00	5.50	5.50	6.75	8.50	10.00
No. 26 Gauge...	5.00	5.25	5.75	5.75	7.00	9.00	10.50
No. 24 Gauge...	5.75	6.50	7.50	7.50	8.50	10.00	12.00

EAVES TROUGH END PIECES

END PIECES



No. D—Galvanized Steel, Double Seamed, not Soldered,
Complete, 12 inches Long.

SINGLE BEAD

Prices Per Dozen.

Size, Inches...	3	3½	4	4½	5	6	7	8
No. 29 Gauge.	\$2.50	2.50	2.70	3.00	3.00	3.60	4.00	4.20
No. 28 Gauge.	2.75	2.75	3.00	3.30	3.30	3.95	4.40	4.65
No. 27 Gauge.	2.90	2.90	3.10	3.45	3.45	4.15	4.60	4.85
No. 26 Gauge.	3.10	3.10	3.40	3.75	3.75	4.50	5.00	5.25
No. 24 Gauge.	3.75	3.75	4.05	4.50	4.50	5.40	6.00	6.30

DOUBLE BEAD

Prices Per Dozen.

Size, Inches...	3	3½	4	4½	5	6	7	8
No. 29 Gauge.	\$3.10	3.10	3.30	3.60	3.60	4.30	4.75	5.00
No. 28 Gauge.	3.40	3.40	3.65	3.95	3.95	4.75	5.25	5.50
No. 27 Gauge.	3.55	3.55	3.80	4.15	4.15	4.95	5.45	5.75
No. 26 Gauge.	3.90	3.90	4.15	4.50	4.50	5.40	5.95	6.25
No. 24 Gauge.	4.65	4.65	4.95	5.40	5.40	6.45	7.15	7.50

DROPS



No. B—Galvanized Steel.

Prices Per Dozen.

Size, Inches...	2	2½	3	3½	4	4½	5	6
No. 29 Gauge.	\$0.80	.90	1.00	1.10	1.20	1.30	1.30	1.60
No. 28 Gauge.	.90	1.00	1.10	1.20	1.35	1.45	1.45	1.75
No. 27 Gauge.	.95	1.05	1.15	1.25	1.40	1.50	1.50	1.85
No. 26 Gauge.	1.00	1.10	1.25	1.40	1.50	1.65	1.65	2.00
No. 24 Gauge.	1.20	1.35	1.50	1.65	1.80	1.95	1.95	2.40

END CAPS



No. C—Galvanized Steel.

Prices Per Dozen.

Size, Inches...	3	3½	4	4½	5	6	7	8
No. 29 Gauge.	\$1.30	1.30	1.50	1.60	1.60	1.90	2.30	2.80
No. 28 Gauge.	1.45	1.45	1.65	1.75	1.75	2.10	2.55	3.10
No. 27 Gauge.	1.50	1.50	1.75	1.85	1.85	2.20	2.65	3.20
No. 26 Gauge.	1.65	1.65	1.90	2.00	2.00	2.40	2.90	3.50
No. 25 Gauge.	1.95	1.95	2.25	2.40	2.40	2.85	3.45	4.20

ROOF GUTTERS



Style A Gutter.

Style A Mitre.

Style A—Galvanized Steel, in 10 foot Lengths.

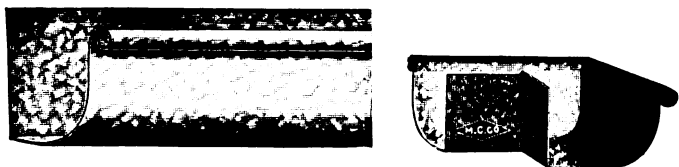
Girt, Inches	12	14	20	24
Height, Inches	3½	4½	5½	6½
Bead, Inches	5⁄8	5⁄8	5⁄8	5⁄8
No. 29 Gauge.	Per Foot, \$0.25	.30	.50	.60
No. 28 Gauge.	Per Foot, .27	.32	.54	.64
No. 27 Gauge.	Per Foot, .29	.34	.58	.68
No. 26 Gauge.	Per Foot, .31	.36	.62	.72
No. 24 Gauge.	Per Foot, .43	.48	.80	.90

Style A Mitres—Net Price Each is the Same as List Price of Gutter Per Foot.

Note—In Ordering Mitres State Whether Inside or Outside are Wanted.

250 Feet in a Crate.

QUARTER CIRCLE AND BOX GUTTERS



Style E Gutter.

Style E Mitre.

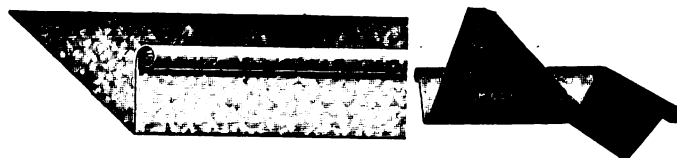
Style E—Galvanized Steel, in 10 and 12 foot Lengths.

Size, Inches	3½	4	5	6	7	8
Depth, Inches	3	3½	3½	4½	5	6½
Girth, Inches	10	12½	13	15	18	22
Bead, Inches	½	5⁄8	5⁄8	5⁄8	5⁄8	5⁄8
No. 29 Gauge.	Per Foot, \$0.25	.33	.33	.37	.45	.55
No. 28 Gauge.	Per Foot, .27	.35	.35	.39	.49	.59
No. 27 Gauge.	Per Foot, .29	.37	.37	.41	.53	.63
No. 26 Gauge.	Per Foot, .31	.39	.39	.43	.57	.67
No. 24 Gauge.	Per Foot, .43	.51	.51	.55	.75	.85

Style E Mitres—Net Price Each is Same as List Price of Gutter Per Foot.

Note—In Ordering Mitres State Whether Inside or Outside are Wanted.

250 Feet in a Crate.



Style B Gutter.

Style B Mitre.

Style B—Galvanized Steel, in 10 and 12 foot Lengths.

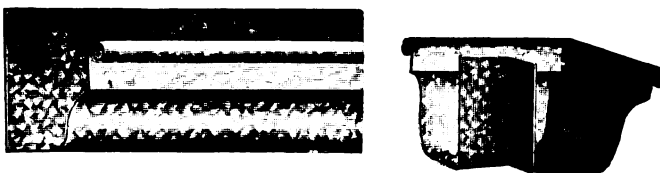
Girt, Inches	15	20	24
Height, Inches	3½	4½	6
Bead, Inches	5⁄8	5⁄8	5⁄8
No. 29 Gauge.	Per Foot, \$0.37	.50	.60
No. 28 Gauge.	Per Foot, .39	.54	.64
No. 27 Gauge.	Per Foot, .41	.58	.68
No. 26 Gauge.	Per Foot, .43	.62	.72
No. 24 Gauge.	Per Foot, .55	.80	.90

Style B Mitre—Net Price Each is the Same as List Price of Gutter Per Foot.

Note—In Ordering Mitres State Whether Inside or Outside are Wanted.

250 Feet in a Crate.

OGEE GUTTERS



Style G Gutter.

Style G Mitre.

Style G—Galvanized Steel, in 10 and 12 foot Lengths.

Size, Inches	3	3½	4	4½	6	8
Depth, Inches	2¾	3½	4	4½	6	7½
Girth, Inches	9½	10	13	15	18	22
Bead, Inches	½	5⁄8	5⁄8	5⁄8	5⁄8	5⁄8
No. 29 Gauge.	Per Foot, \$0.25	.33	.33	.37	.45	.55
No. 28 Gauge.	Per Foot, .27	.35	.35	.39	.49	.59
No. 27 Gauge.	Per Foot, .29	.37	.37	.41	.53	.63
No. 26 Gauge.	Per Foot, .31	.39	.39	.43	.57	.67
No. 24 Gauge.	Per Foot, .43	.51	.51	.55	.75	.85

Style G Mitres—Net Price Each is Same as List Price of Gutter Per Foot.

Note—In Ordering Mitres State Whether Inside or Outside are Wanted.

250 Feet in a Crate.

CONDUCTOR PIPE

CORRUGATED ROUND, EXPANDING



Galvanized Steel.										
Size, Inches			1½	2	2½	3	3½	4	5	6
No. 29 Gauge	Per Foot,	\$0.11	.13	.14	.15	.18	.20	.25	.30	
No. 28 Gauge	Per Foot,	.13	.15	.16	.17	.20	.23	.28	.33	
No. 27 Gauge	Per Foot,	...	.17	.18	.19	.22	.25	.31	.37	
No. 26 Gauge	Per Foot,	...	.19	.20	.21	.24	.28	.34	.40	
No. 24 Gauge	Per Foot,	...	...	...	.27	.31	.35	.44	.52	
All Steel Made in 10 foot Lengths, 2, 3, and 4 inch also Made in 12 foot Lengths. 250 Feet in a Case.										

All Sizes Made in 10 foot Lengths, 2, 3 and 4 inch also Made in 12 foot Lengths. 250 Feet in a Crate.

PLAIN ROUND, LOCK SEAM



Galvanized Steel.									
Size, Inches		1 ½	2	2 ½	3	3 ½	4	5	6
No. 29 Gauge	Per Foot,	\$0.11	.13	.14	.15	.18	.20	.25	.30
No. 28 Gauge	Per Foot,	.13	.15	.16	.17	.20	.23	.28	.33
No. 27 Gauge	Per Foot,	...	.17	.18	.19	.22	.25	.31	.37
No. 26 Gauge	Per Foot,	...	.19	.20	.21	.24	.28	.34	.40
No. 24 Gauge	Per Foot,	...	...	...	.27	.31	.35	.44	.52

All Sizes Made in 10 foot Lengths, 2, 3 and 4 inch also Made in 12 foot Lengths. 250 Feet in a Crate.

CORRUGATED SQUARE, EXPANDING



		Galvanized Steel.			
Size, Inches		2	3	4	5
No. 29 Gauge	Per Foot,	\$0.15	.17	.22	.27
No. 28 Gauge	Per Foot,	.17	.19	.25	.30
No. 27 Gauge	Per Foot,	.19	.21	.27	.33
No. 26 Gauge	Per Foot,	.21	.23	.30	.36
No. 24 Gauge	Per Foot,	...	.29	.37	.46
Standard Measurements, Inches		1½ x 2½	2¾ x 3¼	2¾ x 4¼	3¾ x 5

All Sizes Made in 10 foot Lengths. 250 Feet in a Crate.

RAIN WATER CUT-OFFS

CORRUGATED ROUND



Galvanized Steel, no Solder Used,
Galvanized After Made Up.

Inches	2	3	4
Per Dozen	\$7.50	8.00	11.00
Inches	5	6	
Per Dozen	\$20.00	24.00	

KUEHN'S PLAIN ROUND



Galvanized Steel, no Solder Used,
Galvanized After Made Up.

Inches	2	2½	3	3½
Per Dozen	\$7.00	7.50	8.00	11.00
Inches	4	5	6	
Per Dozen	\$11.00	20.00	24.00	

CORRUGATED SQUARE



Galvanized Steel, no Solder Used,
Galvanized After Made Up.

Inches	2	3	4	5
Per Dozen	\$8.00	10.00	14.00	24.00

RAIN WATER CUT-OFFS

YOUNG'S

Round Corrugated, Galvanized, with Strainer.
Inches 3 4
Per Dozen \$11.00 12.00

A strainer that is self-cleaning, having raised or ribbed corrugations that prevent clogging.

A cut-off that is simple, positive, strong, in plain view, and leaves conductor in straight line. No clamps or levers to break off. Body made of one piece and cannot break.

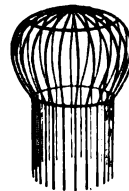


CONDUCTOR STRAINERS

Galvanized Wire.

Diameter, Inches	2	3	4
Per Dozen	\$1.50	2.00	3.00
Diameter, Inches	5	6	
Per Dozen	\$3.50	4.00	

Invaluable for keeping leaves and similar obstructions from getting into and stopping up the conductor pipe.



CONDUCTOR ELBOWS

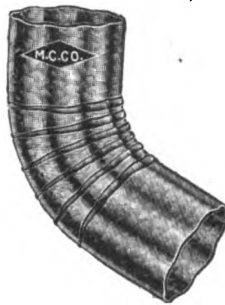
CORRUGATED ROUND, EXPANDING



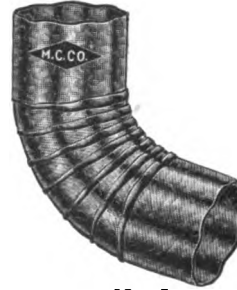
No. 0.
Angle 30 Degrees.



No. 1.
Angle 45 Degrees.



No. 2.
Angle 60 Degrees.



No. 3.
Angle 75 Degrees.



No. 4.
Angle 90 Degrees.

Made of One Piece Galvanized Steel, Flat Crimp, no Soldered Joints, Expand without Breaking.

Inches	2	3	4	5	6
Nos. 0, 1, 2, 3 and 4.....	Per Dozen, \$3.60	4.32	7.20	15.00	18.00

PLAIN ROUND



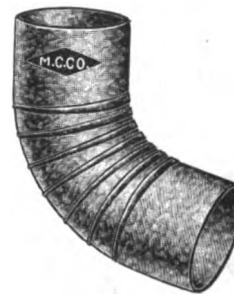
No. 0.
Angle 30 Degrees.



No. 1.
Angle 45 Degrees.



No. 2.
Angle 60 Degrees.



No. 3.
Angle 75 Degrees.

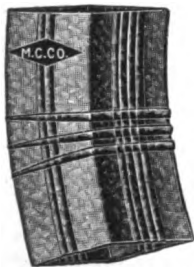


No. 4.
Angle 90 Degrees.

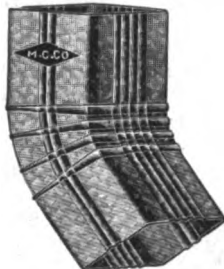
Made of One Piece Galvanized Steel, Flat Crimp, no Soldered Joints.

Size, Inches	2	2½	3	3½	4	5	6
Nos. 0, 1, 2, 3 and 4.....	Per Dozen, \$3.60	4.32	4.32	7.20	7.20	15.00	18.00

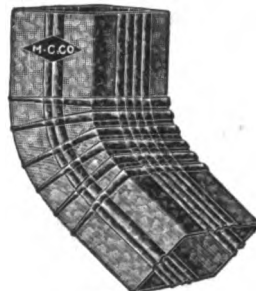
CORRUGATED SQUARE



No. 0.
Angle 30 Degrees.



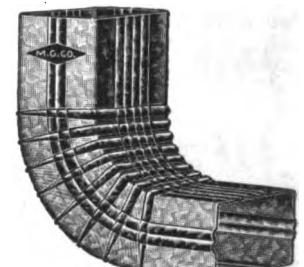
No. 1.
Angle 45 Degrees.



No. 2.
Angle 60 Degrees.



No. 3.
Angle 75 Degrees.



No. 4.
Angle 90 Degrees.

Style A—Ordinary Curve, Galvanized Steel, Flat Crimp.

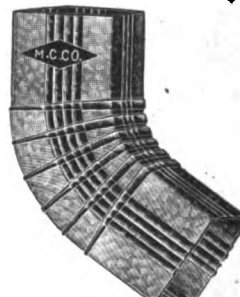
Size, Inches	2	3	4	5
Per Dozen	\$4.80	6.00	7.80	12.00



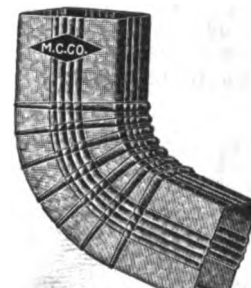
No. 0.
Angle 30 Degrees.



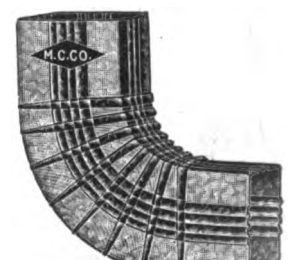
No. 1.
Angle 45 Degrees.



No. 2.
Angle 60 Degrees.



No. 3.
Angle 75 Degrees.



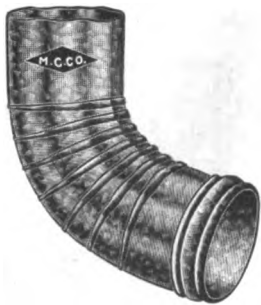
No. 4.
Angle 90 Degrees.

Style B—Side Curve, Galvanized Steel, Flat Crimp.

Size, Inches	2	3	4	5
Per Dozen	\$4.80	6.00	7.80	12.00

Note—By Combination of Styles A and B a Square Conductor Can be Made to Turn the Corner of a Building as Readily as the Round Conductor Elbows.

CONDUCTOR SHOES



Corrugated Round.



Plain Round.

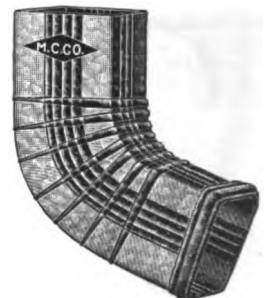
Flat Crimp, Galvanized Steel, Angle 75 Degrees.

Corrugated Round.					
Inches	2	3	4	5	6
Per Dozen	\$4.80	5.76	9.00	18.00	21.60

Plain Round.							
Inches	2	2½	3	3½	4	5	6
Per Dozen	\$4.80	5.76	5.76	9.00	9.00	18.00	21.60



Style A.



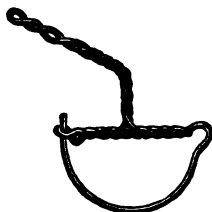
Style B.

Galvanized Steel, Angle 75 Degrees.				
Style A—Corrugated Square, Ordinary Curve.				
Inches	2	3	4	5
Per Dozen	\$6.00	7.20	9.60	15.00

Style B—Corrugated Square, Side Curve.				
Inches	2	3	4	5
Per Dozen	\$6.00	7.20	9.60	15.00

EAVES TROUGH HANGERS

ECLIPSE



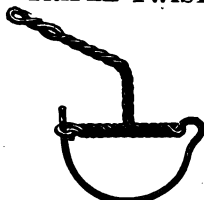
Double Twist, Heavy Galvanized Steel Wire.

Single Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$2.75	2.75	2.75	3.00	3.00	3.50	4.00	4.50

Double Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$3.00	3.00	3.00	3.25	3.25	3.75	4.25	4.75

One Gross in a Box.

TRIPLE TWIST



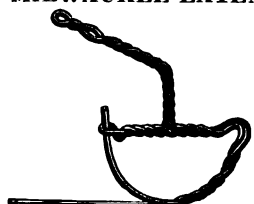
Triple Twist, Heavy Galvanized Steel Wire.

Single Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$2.75	2.75	2.75	3.00	3.00	3.50	4.00	4.50

Double Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$3.00	3.00	3.00	3.25	3.25	3.75	4.25	4.75

One Gross in a Box.

MILWAUKEE EXTENSION



Heavy Galvanized Steel Wire.

Single Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$2.75	2.75	2.75	3.00	3.00	3.50	4.00	4.50

Double Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$3.00	3.00	3.00	3.25	3.25	3.75	4.25	4.75

One Gross in a Box.

ADJUSTABLE STEEL



Galvanized Steel Cross Bar, with Rods and Nuts Complete.

Single Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$4.00	4.25	4.50	4.60	4.75	5.25	6.25	8.25

Double Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$4.25	4.50	4.75	4.85	5.00	5.50	6.50	8.50

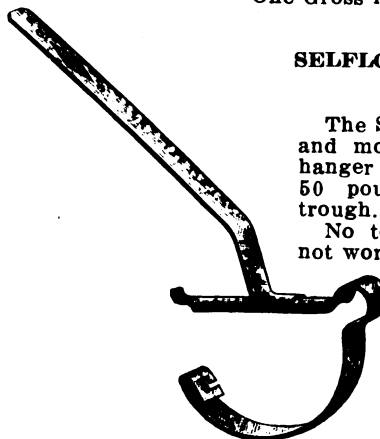
Galvanized Steel Cross Bar, with Straps Riveted on Cross Bar.

Single Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$3.75	3.75	4.00	4.10	4.25	4.75	5.75	7.75

Double Bead.								
Inches	3	3½	4	4½	5	6	7	8
Per Gross	\$4.00	4.00	4.25	4.35	4.50	5.00	6.00	8.00

One Gross in a Box.

SELFLOCK



The Selflock is by far the strongest and most simple lock made. Each hanger will, without strain, support 50 pounds of weight or pull of trough.

No tools required to apply; cannot work loose.

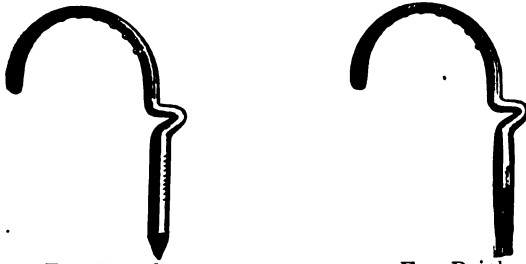
Bessemer Rod Steel, Hot Galvanized After Formed, Stem Electrically Welded to Cross Bar, Combining Two as One Non-Separable Rod.

Single Bead.					
Size, Inches	3	3½	4	4½	5
Per Gross	\$3.25	3.25	3.25	3.50	3.50
One Gross in a Box.					

One Gross in a Box.

CONDUCTOR PIPE HOOKS

CLINCHER, ROUND



For Wood.

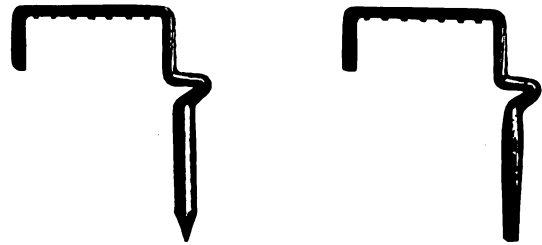
For Brick.

Tinned Bessemer Steel.

	For Wood.					
Size, Inches	2	2½	3	4	5	6
Per 100	\$1.50	2.00	2.50	3.50	5.00	6.00
	For Brick.					
Size, Inches	2	2½	3	4	5	6
Per 100	\$1.75	2.25	2.75	4.25	6.00	7.50
2 to 4 inch, 100; 5 and 6 inch, 50 in a Box.						

Will not
Split Wood
Nor Break
when Driven
in Brick.

CLINCHER, SQUARE



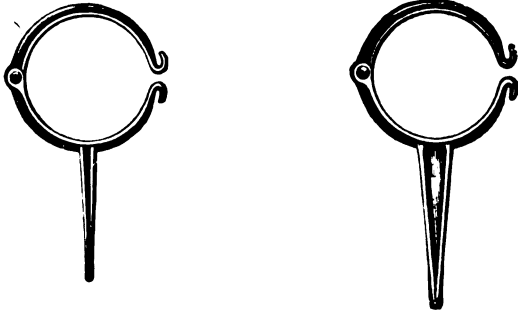
For Wood.

For Brick.

Tinned Bessemer Steel.

	For Wood.					
Size, Inches	2	2½	3	4	5	6
Per 100	\$1.50	2.00	2.50	3.50	5.00	6.00
	For Brick.					
Size, Inches	2	2½	3	4	5	6
Per 100	\$1.75	2.25	2.75	4.25	6.00	7.50
2 to 4 inch, 100; 5 and 6 inch, 50 in a Box.						

HINGED, PLAIN ROUND



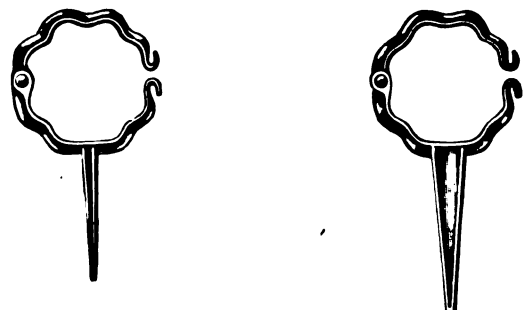
For Wood.

For Brick.

Galvanized Steel.

	For Wood.				
Size, Inches	2	3	4		
Per 100	\$3.00	4.00	5.00		
	For Brick.				
Size, Inches	2	3	4	5	6
Per 100	\$3.50	4.50	5.50	7.50	8.50
100 in a Box.					

HINGED, CORRUGATED ROUND



For Wood.

For Brick.

Galvanized Steel.

	For Wood.				
Size, Inches	2	3	4		
Per 100	\$3.00	4.00	5.00		
	For Brick.				
Size, Inches	2	3	4	5	6
Per 100	\$3.50	4.50	5.50	7.50	8.50
100 in a Box.					

CONDUCTOR FASTENERS

ROUND

Galvanized, Malleable Iron.
For Wood.

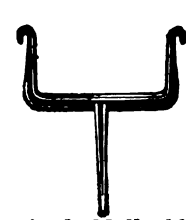
Size, Inches	2	2½	3
Per 100	\$3.50	4.00	5.50
Size, Inches	4	5	6
Per 100	\$7.25	9.50	10.75
100 in a Box.			

ROUND

Galvanized, Malleable Iron.
For Brick.

Size, Inches	2	2½	3
Per 100	\$3.50	4.00	5.50
Size, Inches	4	5	6
Per 100	\$7.25	9.50	10.75
100 in a Box.			

SQUARE

Galvanized, Malleable Iron.
For Wood or Brick.

Size, Inches	2	2½	3
Per 100	\$3.50	4.00	5.50
Size, Inches	4	5	6
Per 100	\$7.25	9.50	10.75
100 in a Box.			

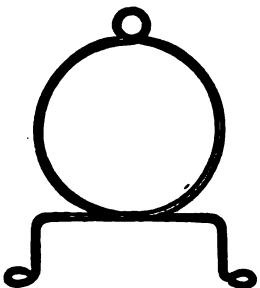
CONDUCTOR PIPE HANGERS

PERFECTION

One Piece Galvanized Steel Wire.

Inches	2	2½	3
Wire Gauge Nos.	12	12	11
Per 100	\$2.00	2.25	2.50
Inches	4	5	6
Wire Gauge Nos.	10	9	8
Per 100	\$3.00	3.50	4.00

Adjustable for Frame or brick buildings,
for plain or corrugated pipe.
50 in a Box.



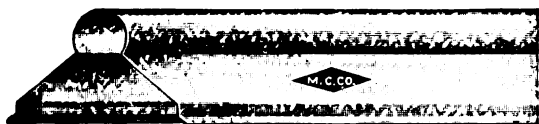
GUTTER HANGERS



Galvanized After Formed.

Gutter Hangers—1 inch Wide, 8¾ inches Long, for
Hanging Any Style Roof Gutter. Per 100 \$.....

PLAIN RIDGE ROLL

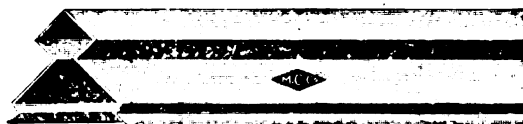


Galvanized Steel, with Nailing Flange, in 10 foot Lengths.

Girth, Inches	6	7	8	10	12	14
Roll, Inches	1	1 1/4	1 1/2	2	2 1/2	3
No. 29 Gauge.. Per Foot,	\$0.13	.14	.16	.19	.23	.28
No. 28 Gauge.. Per Foot,	.15	.16	.18	.21	.25	.30
No. 26 Gauge.. Per Foot,	.19	.20	.22	.25	.29	.34

250 Feet in a Crate.

TRIANGULAR RIDGING

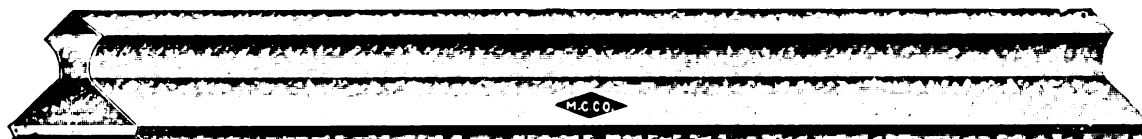


Galvanized Steel, with Nailing Flange, in 10 foot Lengths.

Girth, Inches	6	7	8	10	12	14
Roll, Inches	1	1 1/4	1 1/2	2	2 1/2	3
No. 29 Gauge.. Per Foot,	\$0.13	.14	.16	.19	.23	.28
No. 28 Gauge.. Per Foot,	.15	.16	.18	.21	.25	.30
No. 26 Gauge.. Per Foot,	.19	.20	.22	.25	.29	.34

250 Feet in a Crate.

RIDGING



Style C—Galvanized Steel, with Nailing Flange, in 10 Foot Lengths.

Girth, inches	6	7	8	10	12	14
Roll, Inches	1	1 1/4	1 1/2	2	2 1/2	3
No. 29 Gauge.. Per Foot,	\$0.13	.14	.16	.19	.23	.28
No. 28 Gauge.. Per Foot,	.15	.16	.18	.21	.25	.30
No. 26 Gauge.. Per Foot,	.19	.20	.22	.25	.29	.34

250 Feet in a Crate.

CONTINUOUS ORNAMENTAL RIDGING



Galvanized Steel, in 5 foot Lengths.

Inches	8
Per Foot	\$0.07

250 Feet in a Crate.

CORRUGATED RIDGE ROLL

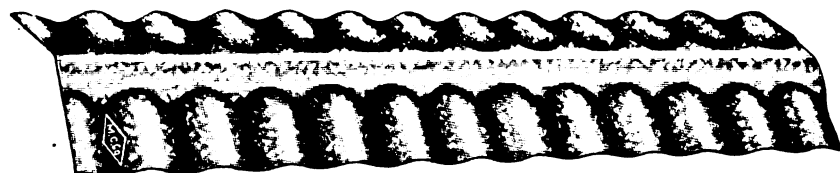


No. 979—Steel, in 26 and 120 inch Lengths.
1 1/4, 2 and 2 1/2 inch Corrugations, 12 inch Girth.

Prices Per Foot.							
Gauge Nos.	29	28	27	26	24	22	20
Painted	\$0.12	.14	.15	.16	.17	.22	.32
Galvanized	.15	.17	.18	.19	.22	.30	.40

Note—In Ordering, State Size of Corrugations Wanted.

GAMBREL ROOF JOINT

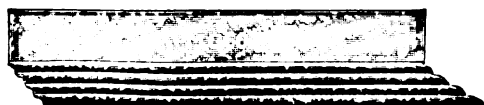


Corrugated, Galvanized Steel, in 26 inch Lengths.
1 1/4, 2 and 2 1/2 inch Corrugations, 8 1/2 inch Girth.

Prices Per Foot.							
Gauge Nos.	29	28	27	26	24	22	20
Painted	\$0.12	.14	.15	.16	.17	.22	.32
Galvanized	.15	.17	.18	.19	.22	.30	.40

Note—In Ordering, State Size of Corrugations Wanted.

SIDE WALL FLASHING



No. 977—Corrugated Steel, in 8 and 12 foot Lengths.
1 1/4, 2 and 2 1/2 inch Corrugations, 12 inch Girth.

Prices Per Foot.							
Gauge Nos.	29	28	27	26	24	22	20
Painted	\$0.12	.14	.15	.16	.17	.22	.32
Galvanized	.15	.17	.18	.19	.22	.30	.40

Note—In Ordering, State Size of Corrugations Wanted.

END WALL FLASHING

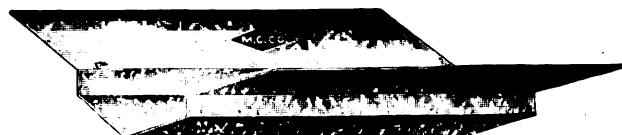


No. 978—Corrugated Steel, in 26 inch Lengths.
1 1/4, 2 and 2 1/2 inch Corrugations, 12 inch Girth.

Prices Per Foot.							
Gauge Nos.	29	28	27	26	24	22	20
Painted	\$0.12	.14	.15	.16	.17	.22	.32
Galvanized	.15	.17	.18	.19	.22	.30	.40

Note—In Ordering, State Size of Corrugations Wanted.

FORMED VALLEY



Style A—Galvanized Steel, Seamless, in 10 foot Lengths.

Prices Per Foot.								
Girth, Inches...	10	12	14	16	20	24	28	30
No. 29 Gauge...	\$0.12 1/2	.15	.17 1/2	.20	.25	.30	.35	.37
No. 28 Gauge...	.14 1/2	.17	.19 1/2	.22	.27	.32	.37	.39
No. 27 Gauge...	.16 1/2	.19	.21 1/2	.24	.29	.34	.39	.41
No. 26 Gauge...	.18 1/2	.21	.23 1/2	.26	.31	.36	.41	.43
No. 24 Gauge...	.24 1/2	.27	.29 1/2	.32	.37	.42	.47	.49

250 Feet in a Crate.

ROLL VALLEY



Galvanized Steel, in 50 and 100 foot Lengths.
Prices Per Lineal Foot.

Girth, Inches...	10	12	14	16
No. 29 Gauge..	\$0.12 1/2	.15	.17 1/2	.20
No. 28 Gauge..	.14 1/2	.17	.19 1/2	.22
No. 27 Gauge..	.16 1/2	.19	.21 1/2	.24
No. 26 Gauge..	.18 1/2	.21	.23 1/2	.26
No. 24 Gauge..	.24 1/2	.27	.29 1/2	.32

Girth, Inches	20	24	28	30
No. 29 Gauge	\$0.25	.30	.35	.37
No. 28 Gauge	.27	.32	.37	.39
No. 27 Gauge	.29	.34	.39	.41
No. 26 Gauge	.31	.36	.41	.43
No. 24 Gauge	.37	.42	.47	.49

Note—Double Cross Lock is Furnished Unless Single Cross Locked and Soldered Only is Ordered.

FLASHING SHINGLES



Painted Tin.

Inches	4x5	5x7	7x10
Per 1000	\$12.00	17.00	33.00

Galvanized Steel.

Inches	4x5	5x7	7x10
Per 1000	\$15.00	23.00	40.00

100 in a Bundle.

HIP SHINGLES



Milwaukee, Painted.

Size, Inches	For Wood	For Slate
4x7	4x9	5x12
Per 1000	\$10.00	12.50 20.00

Milwaukee, Galvanized.

Size, Inches	For Wood	For Slate
4x7	4x9	5x12
Per 1000	\$15.50	16.50 30.00

250 Feet in a Box.

CONTINUOUS HIP SHINGLES



Starter.

Style R—Galvanized Steel, in 5 foot Lengths.

Size, Inches	5	10
Per Lineal Foot	\$0.05	.10
Starter	Each, .10	.20

250 or 500 Feet in a Crate.



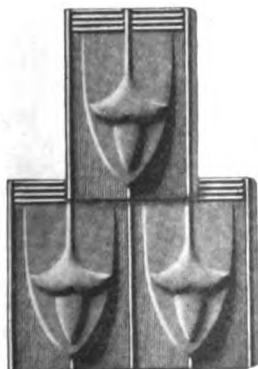
Starter.

Style S—Galvanized Steel, in 40 foot Lengths.

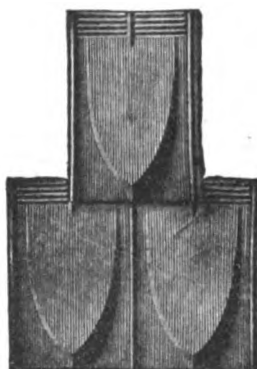
Size, Inches	5
Per Lineal Foot	\$0.05
Starter	Each, .10

250 or 500 Feet in a Crate.

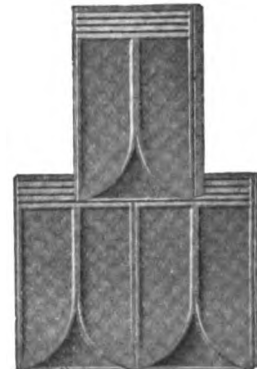
METAL SHINGLES



TITELOCK



TITELOCK



Style A—Painted Tin.	
Size, Inches	7x10
No. Shingles in Square	320
Per Square	\$.....

Style A—Galvanized Steel.	
Size, Inches	7x10
No. Shingles in Square	320
Per Square	\$.....

Style B—Painted Tin.	
Size, Inches	7x10
No. Shingles in Square	320
Per Square	\$.....

Style B—Galvanized Steel.	
Size, Inches	7x10
No. Shingles in Square	320
Per Square	\$.....

Style C—Painted Tin.	
Size, Inches	10x14
No. of Shingles in a Square	148
Per Square	\$.....

Style C—Galvanized Steel.	
Size, Inches	10x14
No. of Shingles in a Square	148
Per Square	\$.....

A Square of Shingles Covers 100 Square Feet of Roof Surface.

In the combination of appearance and durability, lightning, fire, rain, snow and wind proof qualities Metal Shingles, when properly made, are recognized as being superior to wood, asphalt or other composition shingles, as well as slate and tile. One Square in a Box.

Tin, in 100 Foot Lengths.

Made from Prime Sheets, no Washers Used, for Gutters and Valleys.

"CRESCENT," 8 Lb. Coating Terne Plate, Painted on One Side.

Width, Inches	10	14	20	28
No. Feet in Square	120	86	60	43
Per 100 Lineal Feet	\$.....	....	....	....

"ELKAY" OLD STYLE, 15 Lb. Coating Terne Plate, Painted on One Side.

Width, Inches	10	14	20	28
Number of Feet in Square	120	86	60	43
Per 100 Lineal Feet	\$.....	....	....	....

14 inch and wider have wooden heads in each end of roll to prevent smashing together in shipping.

Note—Double Cross Locked is Furnished Unless Otherwise Ordered.

METAL SLATES

TITELOCK

Titelock Metal Slates or Shingles never warp, crack, rot, curl or burn, cannot become loosened or torn off by the wind.

Metal Slates insure against all roof troubles. Water cannot enter the joints.

Their easy application commend their use in preference to any other forms of roof covering for residences and public buildings.

Style D—Painted Tin.

Size, Inches	7x10	10x14
No. of Slates to Sq.	320	148
Per 100	\$.....	....

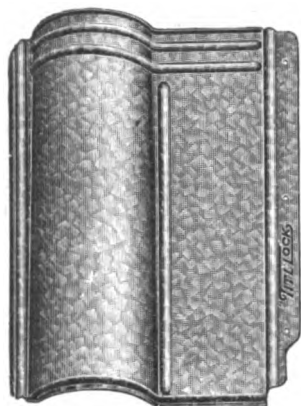
Style D—Galvanized Steel.

Size, Inches	7x10	10x14
Number of Slates to a Square	320	148
Per 100	\$.....	....

METAL SPANISH TILE

TITELOCK

SINGLE TILE



Painted.

	Per Square
IC Tin	\$.....
IX Tin

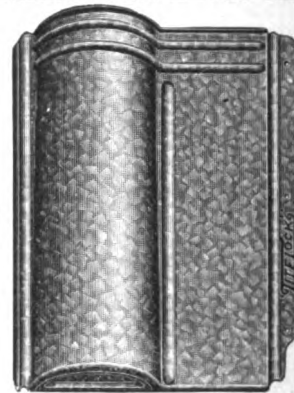
Galvanized.

	Per Square
IC Tin	\$.....
IX Tin

Adapted for Bungalows, Houses,
Churches, Schools and Public
Buildings.

They Produce a Roof of Striking
Effect and are Absolutely Water
Tight.

STARTER OR EAVES TILE



Painted.

	Per Square
IC Tin	\$.....
IX Tin

Galvanized.

	Per Square
IX Tin
IX Tin

Starter Tile \$.... Extra Per Lineal Foot.

One Square Consists of 144 Tiles, Sufficient to Cover 100 Square Feet of Surface.
One Square in a Box.

METAL SPANISH TILE TRIMMINGS

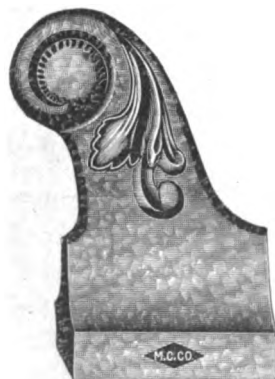
SPANISH RIDGE TILE



Covering Length 17 inches.

	Per Lineal Foot
Painted, Tin Plate.....	\$0.36
Galvanized, Tin Plate.....	.50

GABLE FINIAL



Height 12 inches.

	Each
Painted, Tin Plate.....	\$6.00
Galvanized, Tin Plate.....	7.00

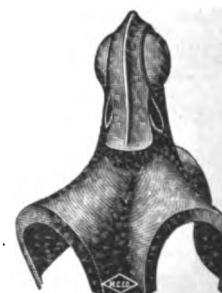
SPANISH HIP TILE



Covering Length 12½ inches.

	Per Lineal Foot
Painted, Tin Plate.....	\$0.34
Galvanized, Tin Plate.....	.46

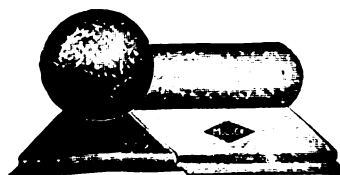
HIP FINIAL



Height 18 inches.

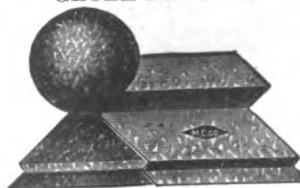
	Each
Painted, Tin Plate.....	\$.....
Galvanized, Tin Plate.....

GLOBE FINIALS



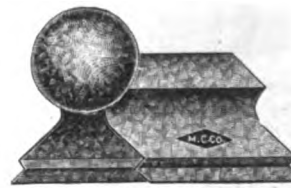
No. 5—Galvanized, for Plain Ridge Roll.

	1½	2	2½
Roll, Inches...	1½	2	2½
Ball, Inches...	2½	3½	4
Per Dozen ...	\$4.00	4.00	5.00 6.00



No. 7—Galvanized, for Triangular Ridging.

	8	10	12
Girth, Inches...	8	10	12
Ball, Inches...	2½	3½	4
Per Dozen	\$4.00	5.00	6.00

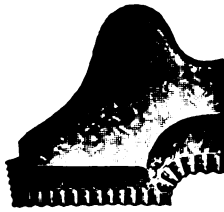


No. 9—Galvanized, for Style C Ridging.

	8	10	12
Girth, Inches...	8	10	12
Ball, Inches...	2½	3½	4
Per Dozen	\$4.00	5.00	6.00

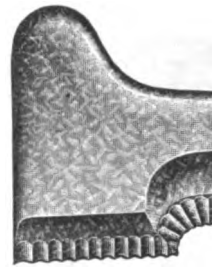
FINIALS

HIP



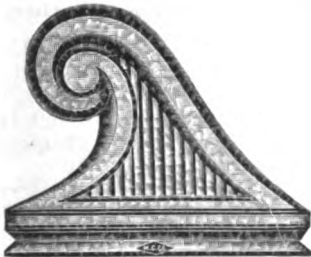
Galvanized Steel. Each
No. 11—For Use with 8 inch Continuous Ornamental
 Ridging\$0.70

GABLE



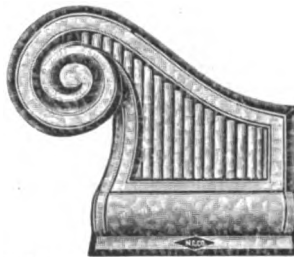
Galvanized Steel. Each
No. 9—For Use with 8 inch Continuous Ornamental
 Ridging\$0.70

HIP



Galvanized, for Roll or Plain Finish. Each
No. 917—12 inches Long, 11
 inches High\$3.00

GABLE



Galvanized, for Roll Finish. Each
No. 915—10 inches Long, 8
 inches High\$0.80
No. 915A—12 inches Long, 10 1/2
 inches High 1.20

GABLE



Galvanized, for Roll or Plain Finish. Each
No. 916—9 inches Long, 11 inches
 High\$2.00

METAL SHINGLE TRIMMINGS

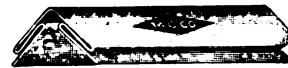
Used in Connection with Styles A, B and C "Titelock" Metal Shingles and Style D Metal Slates, and in the Selection of Styles Shown Depends upon which are Best Adapted for the Style of Roof on which They are to be Used.

ROLL RIDGE COPING



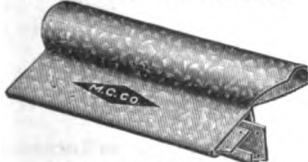
In 5 foot Lengths. Per Lineal Foot
Painted\$0.16
Galvanized18

PLAIN RIDGE COPING



In 5 foot Lengths. Per Lineal Foot
Painted\$0.10
Galvanized12

ROLL HIP COVERING



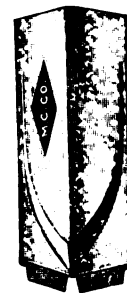
In 21 inch Lengths. Per Lineal Foot
Painted\$0.14
Galvanized16

PLAIN HIP COVERING



In 21 inch Lengths. Per Lineal Foot
Painted\$0.10
Galvanized16

ORNAMENTAL HIP COVERING



In 11 1/2 inch Lengths. Per Lineal Foot
Painted\$0.14
Galvanized16

VALLEY



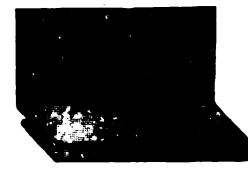
Inches 14 20
Painted ... Per Lin. Ft., \$0.12 .16
Galvanized ... Per Lin. Ft., .14 .18

GABLE END FINISH



Per Lineal Foot
Painted\$0.08
Galvanized10

PORCH FLASHING



Per Lineal Foot
Painted\$0.10
Galvanized12

Note—Complete Instructions for Applying these Trimmings Always Sent with "Titelock" Shingles.

STEEL ROOFING

"MILCOR" SELF-CAP ROLL



Sheets 26½ inches Wide, 50 feet Long, Will Cover 100 Square Feet.

Double Cross Locked Together, Notched and Re-Squared on Ends and Sides.

Painted.			
Gauge Nos.	28	27	26
Weight Per Square, Lbs.	72	79	86
Per Square	\$		
Cleats—Painted	Extra Per Square, \$		

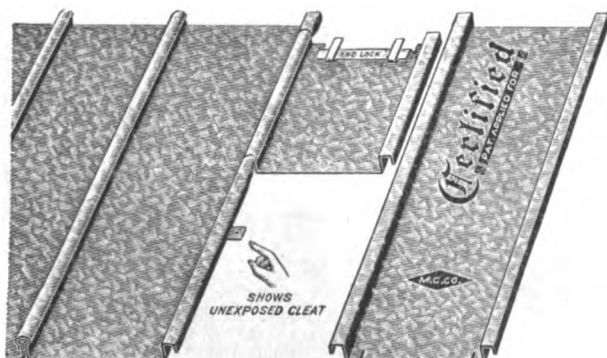
Galvanized.			
Gauge Nos.	29	28	27
Wt. Per Square, Lbs.	78	86	95
Per Square	\$		
Cleats—Galvanized	Extra Per Square, \$		

"Milcor" Self-Cap Roll Roofing is appropriate for use on buildings having roofs with only a slight pitch. It is made from soft annealed sheets, so that the side seams form easily without cracking.

TOOLS REQUIRED TO LAY ABOVE ROOFING

		Each
1 Pair 1	inch Flanging Tongs	\$
1 Pair 1½	inch Flanging Tongs	\$
1 Pair 1	inch Double Seamers	\$

"CERTIFIED" STANDING SEAM



Sheets 24 inches Wide, Will Cover 24 inches.
Each Sheet is Re-Squared and Ends Notched for Turning End Locks.

Stock Sizes, Length, Feet.	6	7	8	9	10	11	12
Selling Measurements, Sq. Ft.	12	14	16	18	20	22	24

Painted.			
Gauge Nos.	28	27	26
Weight Per Square, Lbs.	72	78	86
Per Square	\$		
Cleats—Painted	Extra Per Square, \$		

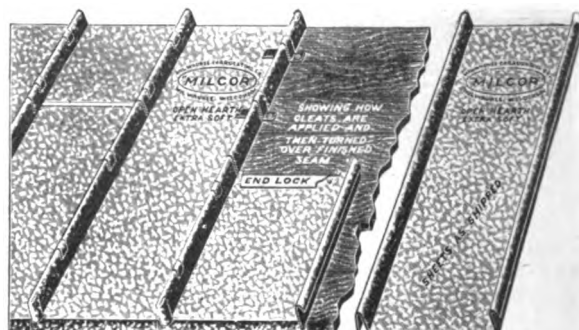
Galvanized.			
Gauge Nos.	29	28	27
Wt. Per Square, Lbs.	79	87	96
Per Square	\$		
Cleats—Galvanized	Extra Per Square, \$		

The wire in cleat insures perfect forming of the standing seams when the roofing seamer is applied. It also materially strengthens the seam.

TOOLS REQUIRED TO LAY ABOVE ROOFING

		Each
1	Roofing Seamer	\$
1	End Lock Former	\$

PRESSED STANDING SEAM



Sheets 24 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet.	6	7	8	9	10	11	12
Selling Measurements, Sq. Ft.	12	14	16	18	20	22	24

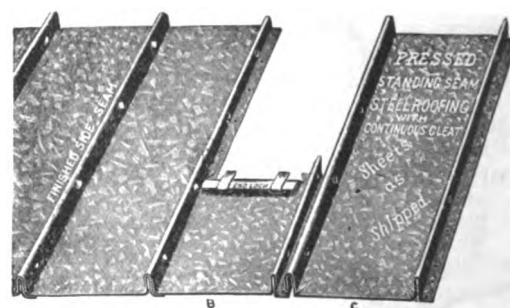
Painted.			
Gauge Nos.	28	27	26
Weight Per Square, Lbs.	74	80	88
Per Square	\$		
Cleats—Painted	Extra Per Square, \$		

Galvanized.			
Gauge Nos.	29	28	27
Wt. Per Square, Lbs.	78	86	92
Per Square	\$		
Cleats—Galvanized	Extra Per Square, \$		

TOOLS REQUIRED TO LAY ABOVE ROOFING

		Each
1	Roofing Seamer	\$
1	End Lock Former	\$

"SUPERIOR" PRESSED STANDING SEAM



Sheets 24 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet.	6	7	8	9	10	11	12
Selling Measurements, Sq. Ft.	12	14	16	18	20	22	24

Painted.			
Gauge Nos.	28	27	26
Weight Per Square, Lbs.	73	80	87
Per Square	\$		
Cleats—Painted	Extra Per Square, \$		

Galvanized.			
Gauge Nos.	29	28	27
Wt. Per Square, Lbs.	83	91	98
Per Square	\$		
Cleats—Galvanized	Extra Per Square, \$		

Each sheet is formed with a continuous cleat which can be nailed to the roof boards after sheets are securely fastened to the roof and the standing seams are well riveted every 14 inches. It is impossible for any storm to tear it off.

TOOLS REQUIRED TO LAY ABOVE ROOFING

		Each
1	End Lock Former	\$
1	"Superior" Cap Squeezer	\$

STEEL ROOFING

BEADED PRESSED STANDING SEAM



Sheets 24 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet.....	6	7	8	9	10	12
Selling Measurements, Square Feet.	12	14	16	18	20	24

Painted.

Gauge Nos.	28	27	26
Weight Per Square, Lbs.....	72	78	86
Per Square	\$.....		

Per Square

Cleats—Painted Extra, \$.....

Galvanized.

Gauge Nos.	29	28	27	26
Weight Per Square, Lbs..	78	86	92	101
Per Square	\$.....			

Per Square

Cleats—Galvanized Extra, \$.....

TOOLS REQUIRED TO LAY ABOVE ROOFING

Each

End Lock Former \$.....

1 Cap Squeezer \$.....

2 V CRIMP



Two Crimps, Sheets 24 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet....	6	7	8	9	10	11	12
Selling Measurements, Sq. Ft.	12	14	16	18	20	22	24

Painted.

Gauge Nos.	28	27	26	24	22	20
Weight Per Square, Lbs..	68	76	83	110	136	163
Per Square	\$.....					

Galvanized.

Gauge Nos.	29	28	27	26	24	22	20
Wt. Per Sq., Lbs....	77	85	91	98	125	152	179
Per Square	\$.....						

Per Square

Wood Sticks—For Above Extra, \$.....

TOOLS REQUIRED TO LAY ABOVE ROOFING

Each

1 End Lock Former \$.....

3V CRIMP



Three Crimps, Sheets 24 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet....	6	7	8	9	10	11	12
Selling Measurements, Sq. Feet	12	14	16	19	20	22	24

Painted.

Gauge Nos.	28	27	26	24	22	20
Weight Per Square, Lbs..	72	79	86	114	142	170
Per Square	\$.....					

Galvanized.

Gauge Nos.	29	28	27	26	24	22	20
Wt. Per Square, Lbs.	78	86	92	102	130	158	186
Per Square	\$.....						

Per Square

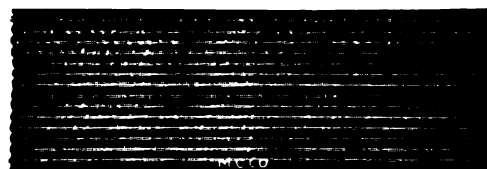
Wood Sticks—For Sides Extra, \$.....

Wood Sticks—For Sides and Center..... Extra,

The center crimp stiffens the iron, prevents vibration and rattle.

CORRUGATED SHEETS

5/8 INCH CORRUGATIONS



Sheets 25 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet.....	5	6	7	8
Selling Measurement, Sq. Ft..	10 ⁵ / ₁₂	12 1/2	14 ⁷ / ₁₂	16 3/4
Stock Sizes, Length, Feet.....	9	10	11	12
Selling Measurement, Sq. Ft..	18 3/4	20 5/8	22 11/8	25

Painted.

Gauge Nos.	28	27	26	24	22	20
Weight Per Square, Lbs..	68	76	83	110	136	163
Per Square	\$.....					

Galvanized.

Gauge Nos.	29	28	27	26	24	22	20
Wt. Per Sq., Lbs....	77	85	91	98	124	151	178
Per Square	\$.....						

Used in the Interior of Buildings for Ordinary Ceilings and Side Walls.

1 1/4 INCH CORRUGATIONS



Sheets 25 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet.....	5	6	7	8
Selling Measurements, Sq. Ft..	10 5/12	12 1/2	14 7/12	16 3/4
Stock Sizes, Length, Feet.....	9	10	11	12
Selling Measurements, Sq. Ft..	18 3/4	20 5/8	22 11/8	25

Painted.

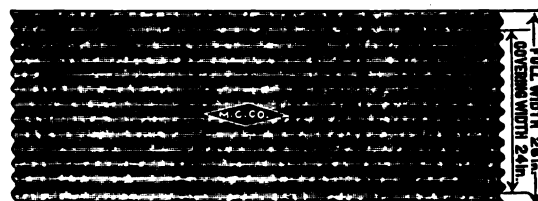
Gauge Nos.	28	27	26	24	22	20
Weight Per Square, Lbs..	72	79	86	114	142	170
Per Square	\$.....					

Galvanized.

Gauge Nos.	29	28	27	26	24	22	20
Wt. Per Square, Lbs.	79	87	94	101	129	157	185
Per Square	\$.....						

Recommended for Siding Only.

SPECIAL 1 1/4 INCH CORRUGATIONS



Sheets 26 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet.....	5	6	7	8
Selling Measurements, Square Feet...	10 5/12	13	15 5/12	17 1/2
Stock Sizes, Length, Feet.....	9	10	11	12
Selling Measurements, Square Feet...	19 1/2	21 3/8	23 5/8	26

Painted.

Gauge Nos.	28	27	26	24	22	20
Weight Per Square, Lbs..	68	76	83	110	136	163
Per Square	\$.....					

Galvanized.

Gauge Nos.	29	28	27	26	24	22	20
Wt. Per Square, Lbs.	77	85	91	98	124	151	178
Per Square	\$.....						

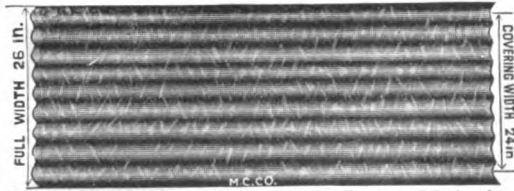
This "Special" 1 1/4-Inch Corrugated Sheets represent the best material for Corrugated Sheet Roofing.

Cut Shows Extra 1/2 Corrugation to Prevent Leaks.

The Extra Half Corrugation curves upward to meet the Second Corrugation of the Lapping Sheet, thereby overcoming capillary attraction.

CORRUGATED SHEETS

2 INCH CORRUGATIONS



Sheets 26 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet.....	5	6	7	8
Shipping Measurements, Square Feet. 105%	13	15 1/2	17 1/2	
Stock Sizes, Length, Feet.....	9	10	11	12
Shipping Measurements, Square Feet. 19 1/2	21 1/2	23 1/2	26	

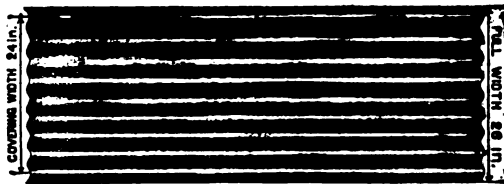
Painted.

Gauge Nos.....	28	27	26	24	22	20	18	16
Wt. Dozen, Lbs..	68	76	83	110	136	163	217	271
Per Square.....	\$							

Galvanized.

Gauge Nos..	29	28	27	26	24	22	20	18	16
Wt. Dz., Lbs.	77	85	91	98	124	151	178	232	286
Per Square..	\$								

2 1/2 INCH CORRUGATIONS



Sheets 26 inches Wide, Will Cover 24 inches.

Stock Sizes, Length, Feet.....	5	6	7	8
Shipping Measurements, Square Feet. 105%	13	15 1/2	17 1/2	
Stock Sizes, Length, Feet.....	9	10	11	12
Shipping Measurements, Square Feet. 19 1/2	21 1/2	23 1/2	26	

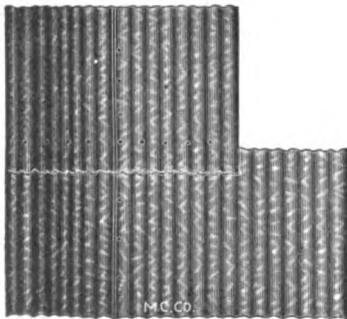
Painted.

Gauge Nos.....	28	27	26	24	22	20	18	16
Wt. Dozen, Lbs..	68	76	83	110	136	163	217	271
Per Square.....	\$							

Galvanized.

Gauge Nos..	29	28	27	26	24	22	20	18	16
Wt. Dz., Lbs.	77	85	91	98	124	151	178	232	286
Per Square..	\$								

CORRUGATED ELEVATOR SIDING



Sheets are laid with 2 inch end lap and nails driven 2 inches above upper edge of lower sheets, thus allowing the sheets to slip 2 inches in length of each sheet without buckling the nails as the sides of the elevator settle.

1 1/4 INCH CORRUGATIONS

Stock Sizes, Length, Inches.....	32	36	40
Selling Measurements, Square Feet....	5 3/4	6 1/4	6 1/2

Painted.

Gauge Nos.....	28	27	26	24	22	20
Wt. Per Sq., Lbs..	72	79	86	114	142	170
Per Square.....	\$					

Galvanized.

Gauge Nos.....	29	28	27	26	24	22	20
Wt. Per Sq., Lbs..	79	87	94	101	129	157	185
Per Square.....	\$						

2 AND 2 1/2 INCH CORRUGATIONS

Stock Sizes, Length, Inches.....	32	36	40
Selling Measurements, Square Feet....	5 3/4	6 1/2	7 1/4

Painted.

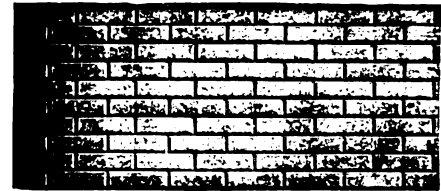
Gauge Nos.....	28	27	26	24	22	20
Wt. Per Sq., Lbs..	68	76	83	110	136	163
Per Square.....	\$					

Galvanized.

Gauge Nos.....	29	28	27	26	24	22	20
Wt. Per Sq., Lbs..	77	85	91	98	124	151	178
Per Square.....	\$						

STEEL SIDING

IMPERIAL PLAIN PRESSED BRICK



Size of Brick 2 1/4 x 8 1/4 inches, Size of Sheet 28x60 inches.

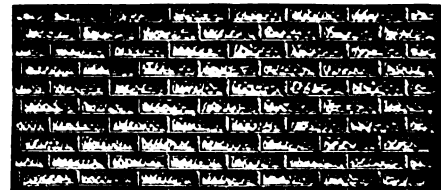
Painted.

Gauge Nos.....	28	27	26
Weight Per Square, Lbs.....	64	71	77
Per Square.....	\$		

Galvanized.

Gauge Nos.....	29	28	27	26
Weight Per Square, Lbs..	72	78	85	91
Per Square.....	\$			

ROCK FACE BRICK



Size of Brick 2 1/4 x 8 1/4 inches, Size of Sheet 28x60 inches.

Painted.

Gauge Nos.....	28	27	26
Weight Per Square, Lbs.....	65	72	78
Per Square.....	\$		

Galvanized.

Gauge Nos.....	29	28	27	26
Weight Per Square, Lbs..	73	79	86	92
Per Square.....	\$			

ROCK FACE STONE



No. 1—Size of Stone 7x12 inches, Size of Sheet 28x60 inches.

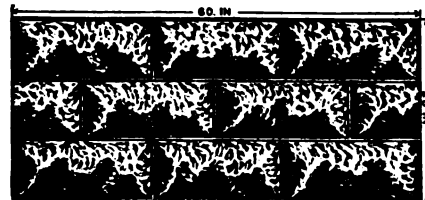
Painted.

Gauge Nos.....	28	27	26
Weight Per Square, Lbs.....	65	72	78
Per Square.....	\$		

Galvanized.

Gauge Nos.....	29	28	27	26
Weight Per Square, Lbs..	73	79	86	92
Per Square.....	\$			

ROCK FACE STONE



No. 2—Size of Stone 9 1/2 x 20 inches, Size of Sheet 28x60 inches.

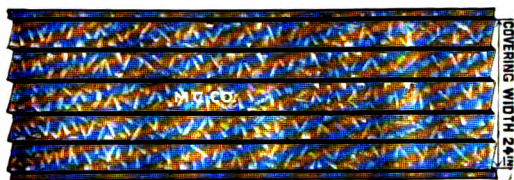
Painted.

Gauge Nos.....	28	27	26
Weight Per Square, Lbs.....	65	72	78
Per Square.....	\$		

Galvanized.

Gauge Nos.....	29	28	27	26
Weight Per Square, Lbs..	73	79	86	92
Per Square.....	\$			

WEATHER BOARD SIDING



Sheets 25 inches Wide, Cover 24 inches. Six Boards 4 inches Wide on Each Sheet.

Stock Sizes, Length, Feet.....	6	7	8	9	10
Selling Measurements, Sq. Feet...	12	14	16	18	20

Painted.

Gauge Nos.	28	27	26	24
Weight Per Square, Lbs..	72	79	86	115
Per Square	\$.....			

Galvanized.

Gauge Nos.	29	28	27	26	24
Weight Per Square, Lbs..	81	88	95	102	130
Per Square	\$.....				

Steel Weather Board Siding is a very desirable substitute for Wooden Weather Board, is fire and weather proof and unequalled for wearing qualities.

METAL CORNER BOARD



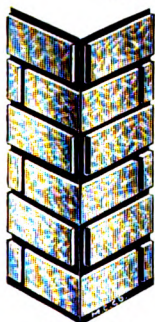
Length 2 to 8 feet, 10 inch Girt.

Per Lineal Foot

Painted	\$.....
Galvanized	\$.....

Metal Corner Board is used in connection with Weather Board Siding for making the proper finish for the corners and angles of the building.

METAL CORNERS



No. 112.

No. 112—Plain Brick Corner.



No. 111.

Per Lineal Foot

Painted—In 28 inch Lengths.....	\$0.05
Galvanized—In 28 inch Lengths.....	.07

No. 111—Rock Face Brick.

Painted—In 28 inch Lengths.....	\$0.05
Galvanized—In 28 inch Lengths.....	.07



No. 109.



No. 110.

No. 109—Rock Face Stone.

Per Lineal Foot

Painted—12 inch Face, in 5 foot Lengths.....	\$0.18
Galvanized—12 inch Face, in 5 foot Lengths.....	.24

No. 110—Rock Face Stone.

Per Lineal Foot

Painted—12 inch Face, in 5 foot Lengths.....	\$0.18
Galvanized—12 inch Face, in 5 foot Lengths.....	.24

BEADED SIDING AND CEILING



Sheets 25½ inches Wide, Will Cover 24 inches. Beads ¾ inch Wide, ½ inch Deep, 3 inches Apart.

Stock Size, Length, Feet.....	5	6	7	8
Selling Measurements, Sq. Ft.....	10	12	14	16

Stock Size, Length, Feet.....	9	10	11	12
Selling Measurements, Sq. Ft.....	18	20	22	24

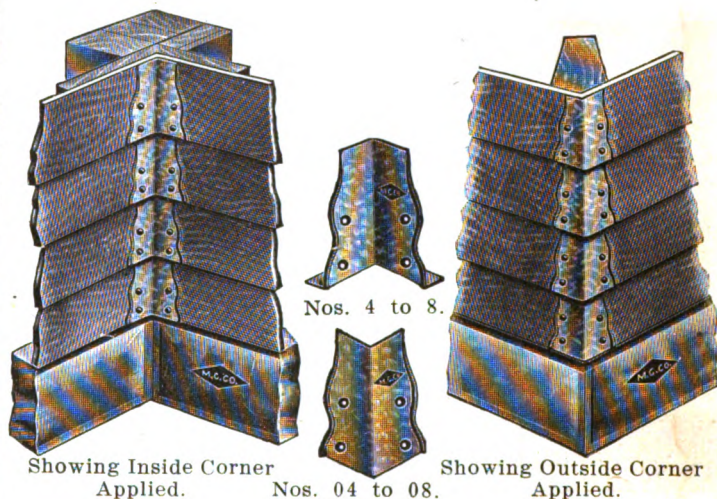
Painted.

Gauge Nos.	28	27	26
Weight Per Square, Lbs.....	68	76	83
Per Square	\$.....		

Galvanized.

Gauge Nos.	29	28	27	26
Weight Per Square, Lbs..	77	85	91	98
Per Square	\$.....			

METAL BUILDING CORNERS



Showing Inside Corner Applied.

Nos. 04 to 08.

Showing Outside Corner Applied.

Tight Coated Galvanized Steel, Beaded or Plain Edge Countersunk Nail Holes.

Inside.

Per 1000

No. 4—3½ inches Long, Weather Board Laid 3 inches to Weather, Weight Per 1000 80 Lbs.....	\$24.00
No. 6—4½ inches Long, Weather Board Laid 4 inches to Weather, Weight Per 1000 100 Lbs.....	26.00
No. 8—5½ inches Long, Weather Board Laid 5 inches to Weather, Weight Per 1000 120 Lbs.....	28.00
250 in a Box.	

Outside.

Per 1000

No. 04—3½ inches Long, Weather Board Laid 3 inches to Weather, Weight Per 1000 80 Lbs.....	\$24.00
No. 06—4½ inches Long, Weather Board Laid 4 inches to Weather, Weight Per 1000 100 Lbs.....	26.00
No. 08—5½ inches Long, Weather Board Laid 5 inches to Weather, Weight Per 1000 120 Lbs.....	28.00
500 in a Box.	

Metal Corners are being extensively used and are very popular with the carpenter. They take the place of Corner-boards to finish the corner of the building when weather-board or lap siding is used.

Time and expense is saved because it is not necessary to mitre the weather board siding. The mitre effect is perfect and the appearance superior to wood corner-board.

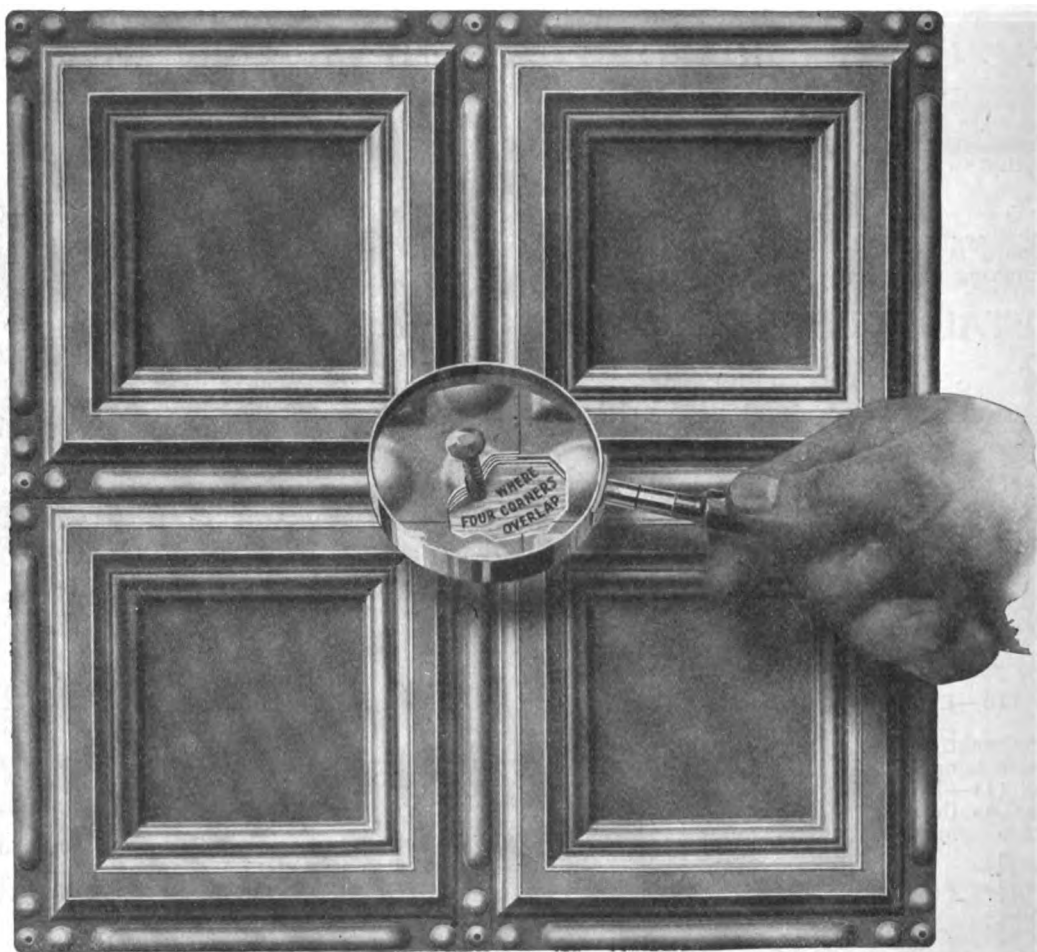
STEEL CEILINGS AND SIDE WALLS

"Invisible Joint"
TRADE MARK

Send for Our Large Steel Ceiling Catalog "O".

We carry a large, well assorted stock of this material in the different classes of designs, which enables the dealer to meet the demands of the most exacting purchasers. All the designs embody the best thought and skill of the most experienced designers and artisans in Ornamental Metal.

"Invisible Joint" Steel Ceiling Plates are absolutely perfect in fit and most easily erected because—all lapping beads are repressed, insuring perfect fit thereat—the nail holes are die cut, therefore eliminating the necessity of driving through four thicknesses of steel at the corners. This provides a perfect fit—the joints or seams will not show—and the erection cost is reduced at least one-third.



WHERE FOUR CORNERS OVERLAP.

To drive a nail through four thicknesses of sheet steel is not easily accomplished. Besides the trouble and delay in doing it the beads not only get mashed, but sometimes the fingers as well—hitting the wrong nail. The Die Cut Nail Holes Save Time, Trouble and Temper.



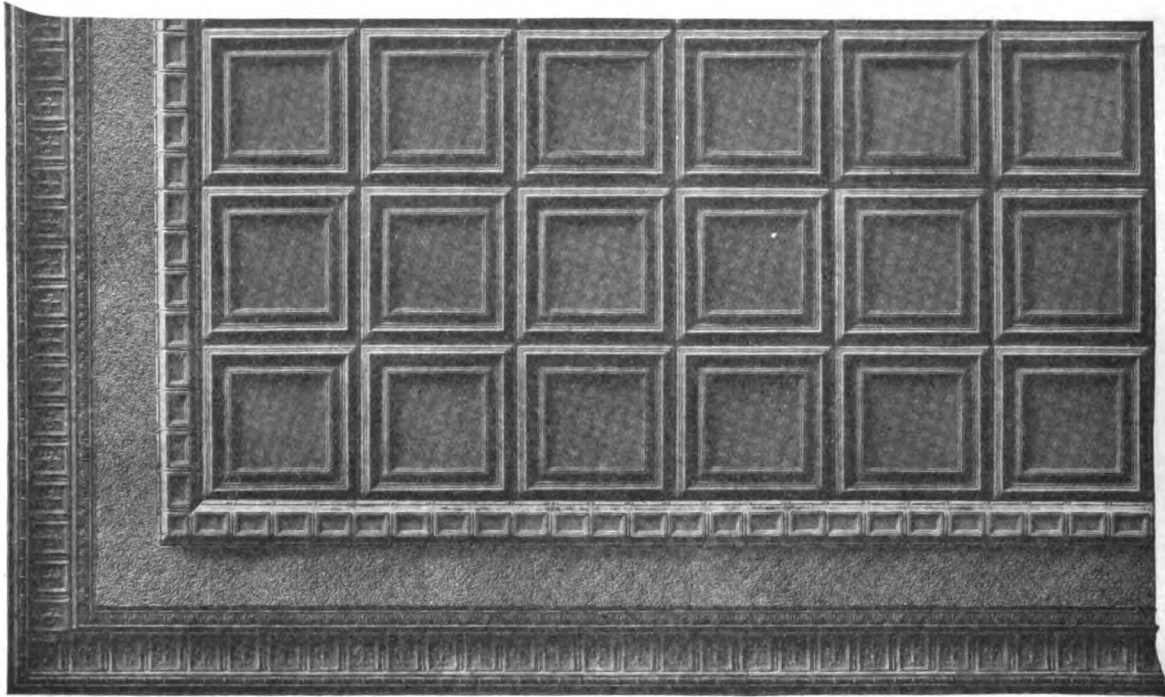
Send for Our Large Steel Ceiling Catalog "O".

STEEL CEILINGS

"Invisible Joint"

TRADE MARK

STUCCO No. 2276.

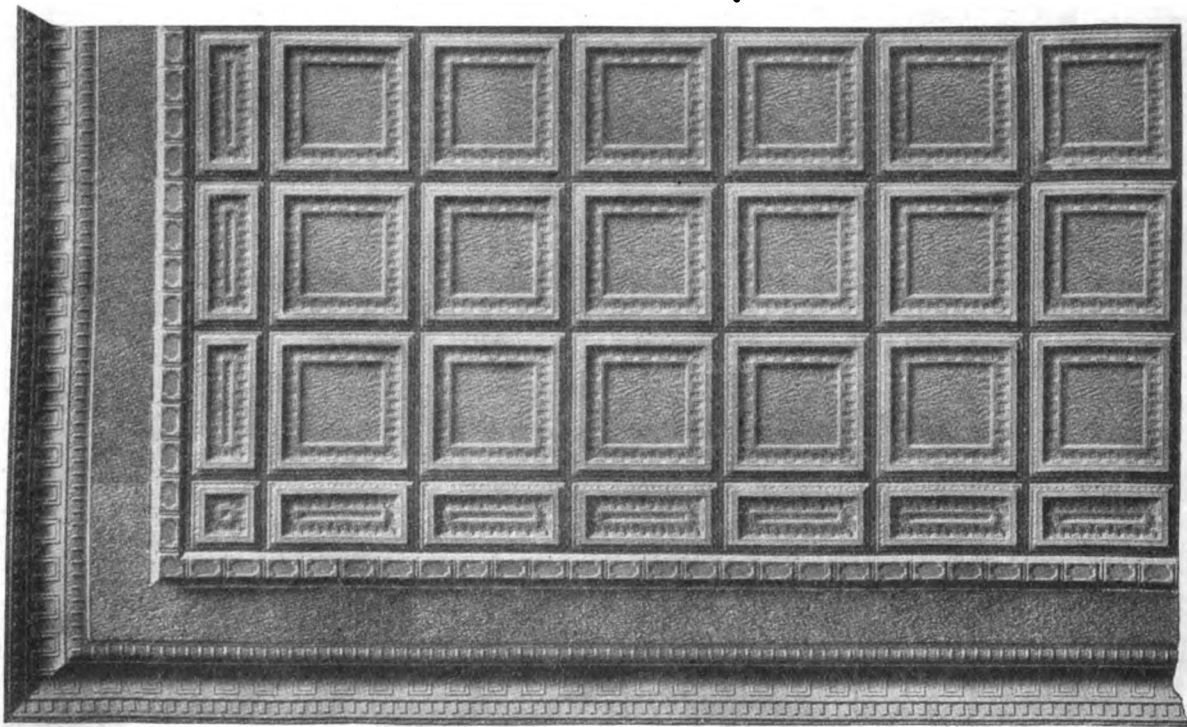


Cornice, 9 inches Deep, 2231; Filler, 1743; Moulding, 1925; Field, 2208.

Size of Room, Inches.....	20x60	18x25	15x20	12x15
Per Square	\$9.75	10.50	11.25	12.00

This plain panel, which may be erected without the use of furring strips, fills a long felt want in the metal ceiling field. The narrow band of stipple around plate 2208 eliminates any possibility of buckling. Can be applied directly to wood sheathing.

GREEK No. 2460.



Cornice, 12 inches Deep, 2431; Filler, 1743; Moulding, 1924; Field Plate, 2402.

Size of Room, Inches.....	20x60	18x25	15x20	12x15
Per Square	\$9.50	10.00	10.50	11.25

This design is adapted for store ceilings of almost any size. Furnished with either slip or lap joint. Can be applied directly to wood sheathing.

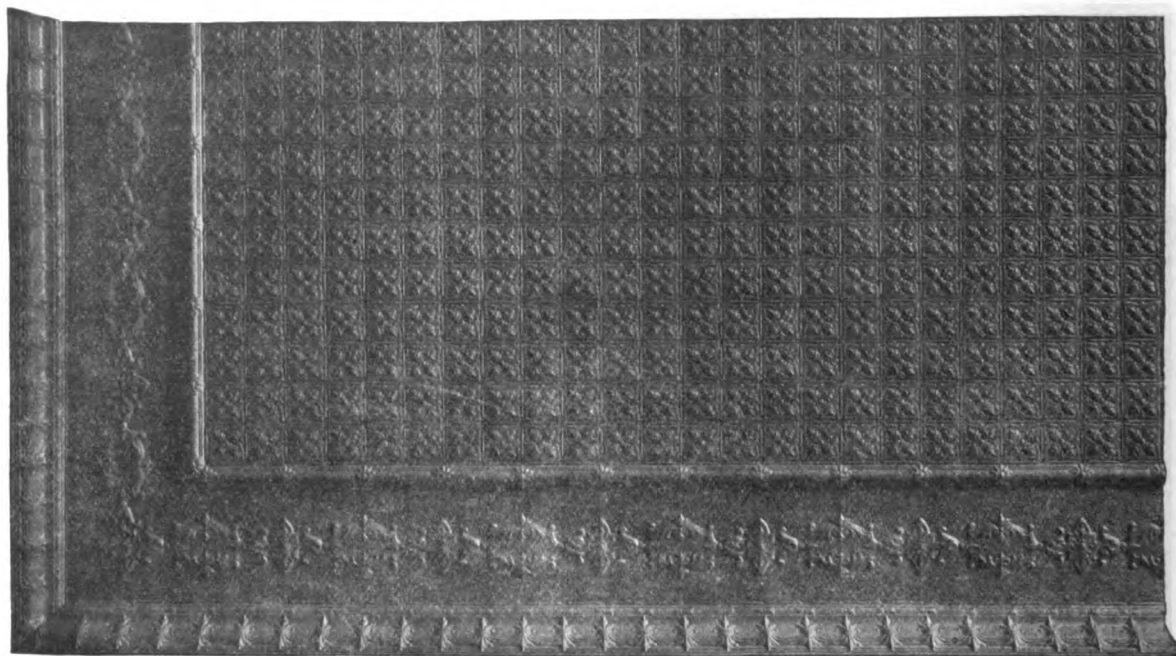
CLEAN CUT NAIL HOLES - SAVE MECHANIC'S FINGERS

Send for Our Large Steel Ceiling Catalog "O".

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STEEL CEILINGS
"Invisible Joint"
 TRADE MARK

FRENCH RENAISSANCE
 No. 1866.

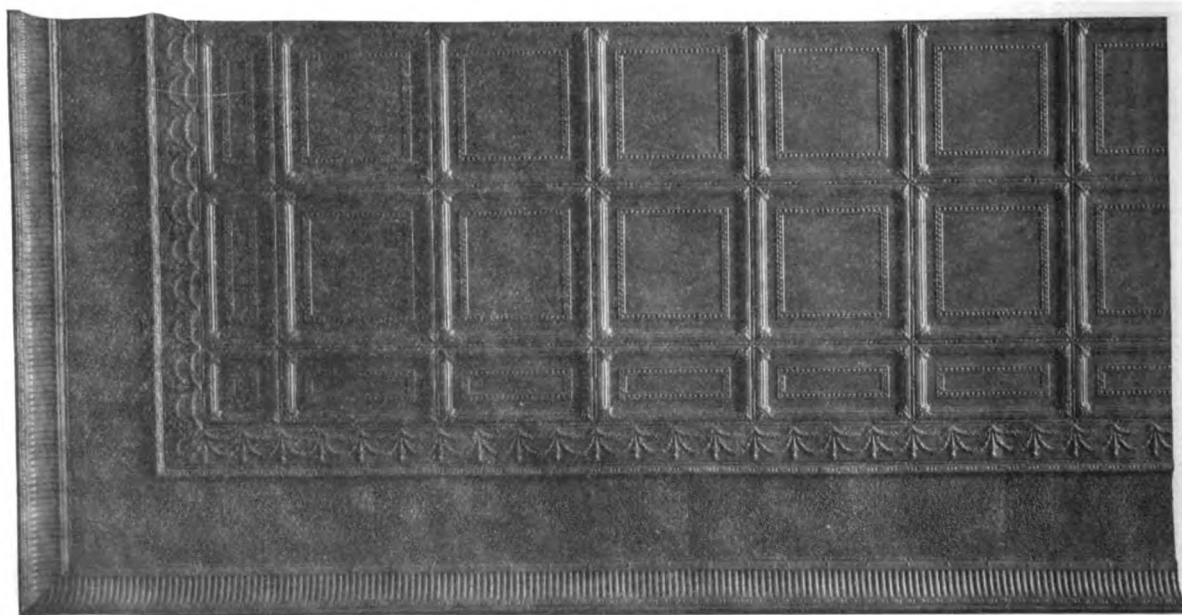


Cornice, 6 1/2 inches, 1832; Filler, 1840; Moulding, 1821; Plate, 1806.

Size of Room, Inches.....	20x60	18x25	15x20	12x15
Per Square	\$9.00	9.50	10.00	10.50

Suitable for rooms of any size or height, though a deeper cornice and the addition of an elaborate border would enhance its decorative value in large rooms at a slight increase in cost. Can be applied directly to wood sheathing.

COLONIAL
 No. 1978.



Cornice, 6 inches, 1932; Filler, 1941; Panels, 1908.

Size of Room, Inches.....	20x60	18x25	15x20	12x15
Per Square	\$8.75	9.50	10.00	10.50

This is an excellent ceiling design at an extremely low cost. Panels 1908 and 1909 can be applied only on furring strips.

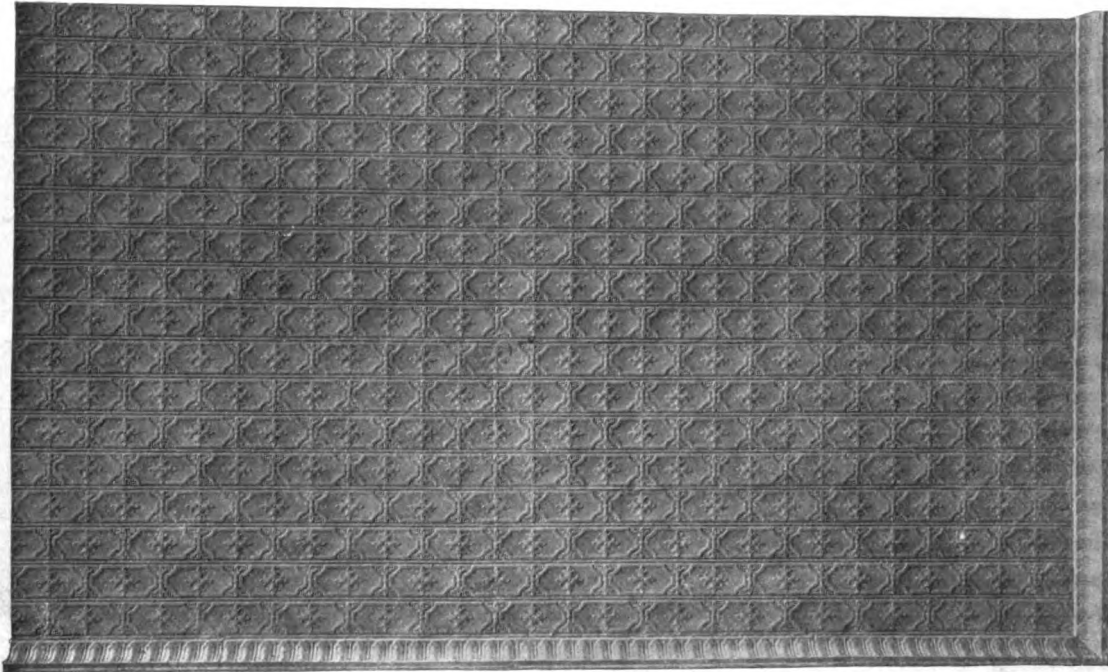


CLEAN CUT NAIL HOLES SAVE MECHANIC'S FINGERS
 Send for Our Large Steel Ceiling Catalog "O".

STEEL CEILINGS

"Invisible Joint"

MISCELLANEOUS
No. 1124.

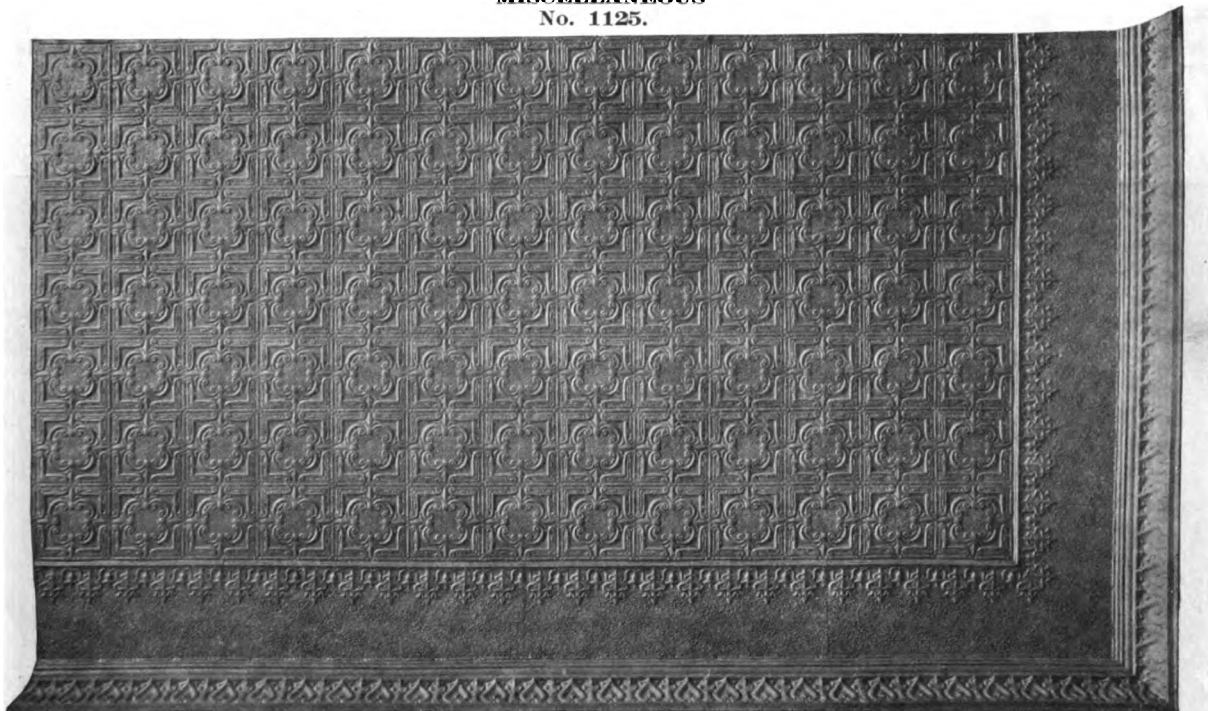


Cornice, 4 inches, 1150; Plate, 24x96 inches, 1100.

Size of Room, Inches.....	20x60	18x25	15x20	12x15
Per Square	\$7.75	8.00	8.25	8.50

This design, cheap in cost, but not by any means cheap in appearance, serves the purpose of ceiling and wall covering more satisfactorily than any other low price design on the market. Can be applied directly to wood sheathing.

MISCELLANEOUS
No. 1125.



Cornice, 6 1/4 inches, 1731; Filler, 2141; Plate, 1604.

Size of Room, Inches.....	20x60	18x25	15x20	12x15
Per Square	\$8.50	8.75	9.00	9.50

This design is suitable for rooms of any size and can be applied to advantage in rooms of irregular shape. Can be applied directly to wood sheathing.

CLEAN CUT NAIL HOLES - SAVE MECHANIC'S FINGERS
Send for Our Large Steel Ceiling Catalog "O".

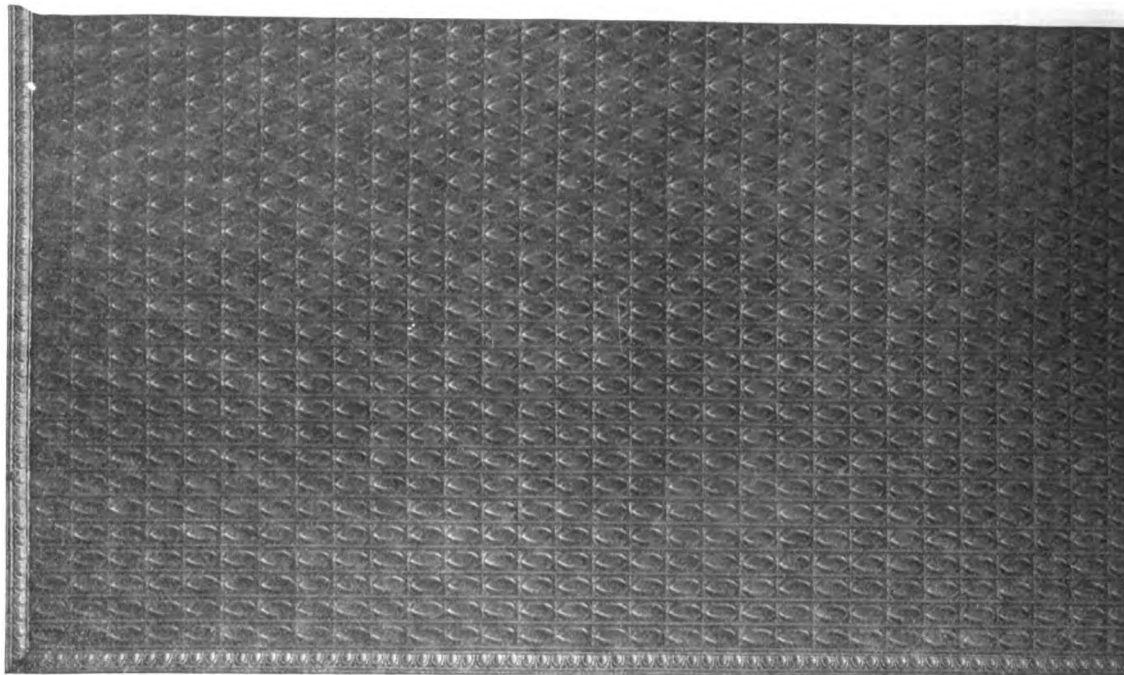
STEEL CEILINGS

"Invisible Joint"

TRADE MARK

MISCELLANEOUS

No. 1066.



Cornice, 3 inches, 1134; Plate, 24x96 inches, 1001.

Size of Room, Inches.....	20x26	18x25	15x20	12x15
Per Square	\$7.50	7.75	8.00	8.25

A very cheap pattern which possesses all the advantages of any other steel ceiling, except that it is made for economy and utility rather than for beauty. Can be applied directly to wood sheathing.

SIDE WALLS

COLONIAL

No. 1960.

Cornice, 9 inches.....	1931
Frieze	1940
Foot Mould	1923A
Wall Plate	1904
Wainscot	1901 and 1917

	Per Square
List Price	\$8.75

STUCCO

No. 2260.

Cornice, 9 inches Deep.....	2231
Frieze	2215
Sidewall	2249
Chair Rail	1723
Wainscot	1850

	Per Square
List Price	\$11.50

Send for Our Large Steel Ceiling
Catalog "O".



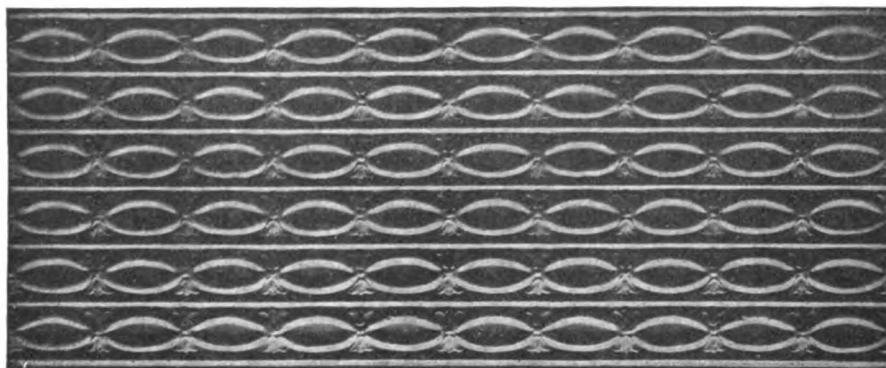
No. 1960.



No. 2260.

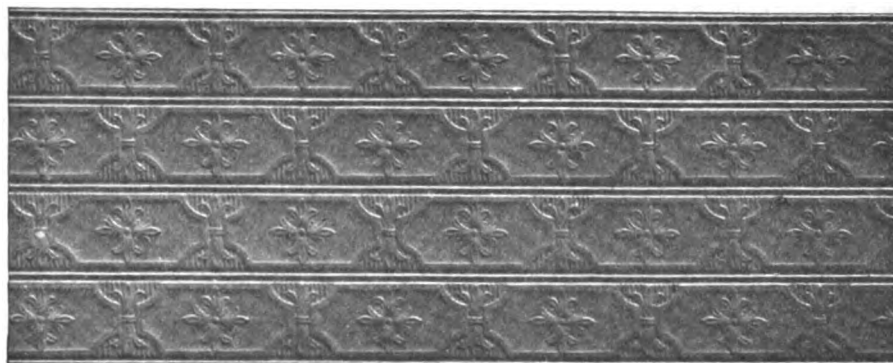
EMBOSSSED STEEL CEILING

Stamped in Continuous Sheets. Especially Adapted for Ceilings and Side Walls where Low Cost is to be Considered.



Sheets 24x96 inches.

No. 1001—Standard Gauge, Primed One Coat, White.....	Per Square
	\$7.00



Sheets 24x96 inches.

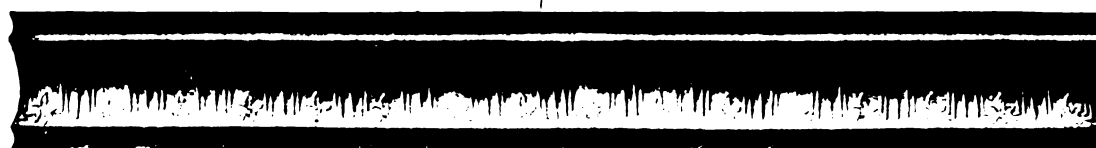
No. 1100—Standard Gauge, Primed One Coat, White.....	Per Square
	\$7.50

EMBOSSSED STEEL CORNICES



No. 1184—3 inches Deep, 3 inch Projection, 48 inches Long, Painted White	Per Lineal Foot
	\$0.05

The above cornice is too small to make stamped mitres practical. Mitres must be cut and fitted by the erector.



No. 1150—4 inches Deep, 4 inch Projection, 48 inches Long, Painted White	Per Lineal Foot
	\$0.07

Send for Our Large Ceiling Catalog "O".

VENTILATORS

"MILWAUKEE"



Unequaled for Drawing Out Impure Air, Smoke, Gas, Steam Dust, etc., from Building, and Does it Perfectly without Requiring Any Attention Whatever.



No. 765—Galvanized, with Steel Top.

Size, Inches...	6	7	8	9	10	12
Each	\$2.50	2.70	2.90	3.00	3.60	4.40
Size, Inches...	14	16	18	20	24	30
Each	\$5.00	5.70	8.50	12.00	15.00	24.00
Size, Inches...	36	40	48	60	72	
Each	\$36.00	50.00	70.00	96.00	120.00	

No. 766—Galvanized, with $\frac{1}{4}$ inch Wired Glass Top.

Size, Inches...	6	7	8	9	10	12
Each	\$4.60	5.00	5.50	5.80	6.80	7.80
Size, Inches...	14	16	18	20	24	30
Each	\$8.40	11.40	12.90	16.50	21.50	31.50
Size, Inches...	36	40	48	60	72	
Each	\$46.00	63.00	88.00	122.00	158.00	



"NU-AIR"

These Ventilators have Greater Exhaust Capacity than Any Other Ventilators.

The air currents rush from below between Weatherband and Curved Deflector, and force upward and outward the warm, impure air met coming up the air shaft.



No. 760—Galvanized, with Steel Top.

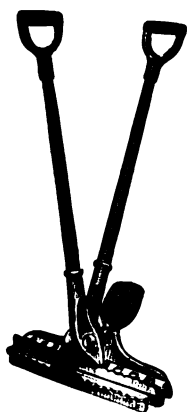
Size, Inches...	10	12	14	16	18
Each	\$5.00	5.30	6.00	8.40	10.20
Size, Inches...	20	24	30	36	48
Each	\$14.40	18.00	28.80	43.20	86.00

No. 761—Galvanized, with $\frac{1}{4}$ inch Wired Glass Top.

Size, Inches...	10	12	14	16	18
Each	\$8.50	9.00	9.50	12.50	14.50
Size, Inches...	20	24	30	36	48
Each	\$19.50	25.50	38.00	55.00	102.00

ROOFING TOOLS

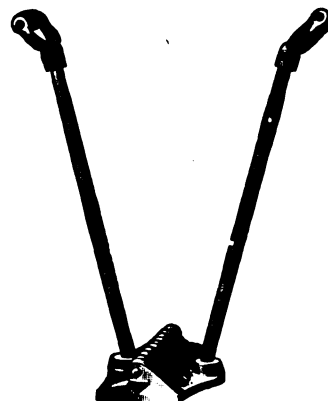
FOOT SEAMERS



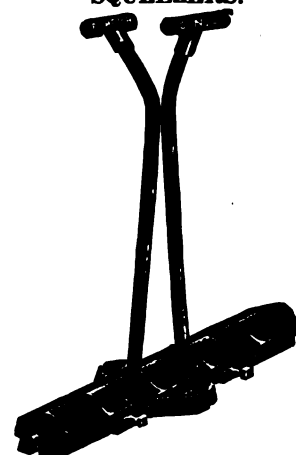
FLANGING TONGS



"CERTIFIED" ROOFING SEAMERS.

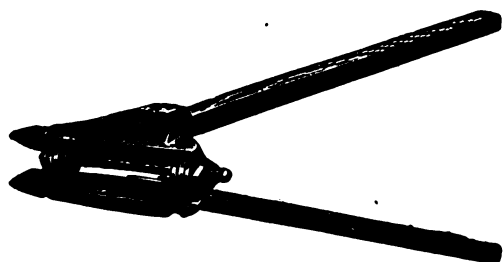


"SUPERIOR" CAP SQUEEZERS.



Foot Seamers—Size 1, 1½ and 1¾ inches, for Single and Double Seaming \$16.00
 Flanging Tongs—18 inch Wrought Steel Handles, Sizes 1, 1¼, 1½ and 1¾ inches..... 6.00

CAP SQUEEZERS



END LOCK FORMERS



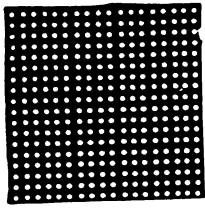
Cap Squeezers—For Roll, Cap and Pressed Standing Seam Roofing \$2.00

End Lock Formers—For Pressed Standing Seam and V Crimp Roofing \$1.00

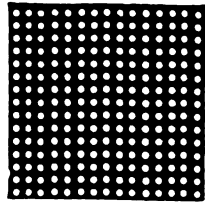
Note—These Tools are Loaned and Must be Returned Free of Expense to Us and We Will Refund the Amount Charged.

TINNERS' TRIMMINGS

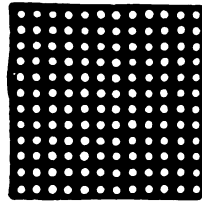
PERFORATED TIN



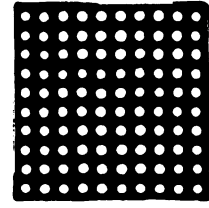
No. 1.



No. 2.



No. 3.



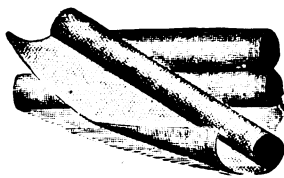
No. 4.

IC Tin, Size of Sheets 14x20 inches.

Nos.	1	2	3	4
Grade	Fine	Medium	Coarse	Ex. Coarse
Holes Per Inch	18	15	12	10
Per Sheet	\$0.25	.25	.25	.25

Weight Per Dozen Sheets About 7 $\frac{3}{4}$ Pounds.
112 Sheets in a Box.

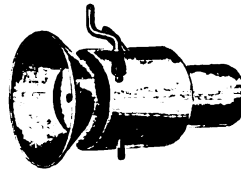
BRASS STRAINER CLOTH



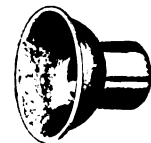
In Rolls, 12 inches Wide, 5 feet Long.

Nos.	40	50	60	80	100
Mesh	40x40	50x50	60x60	80x80	100x100
Per Square Foot	\$0.50	.55	.60	1.50	3.00

SPEAKING TUBE WHISTLES



No. 158.



No. 8.

	Per Dozen
No. 158—Japanned Body, for 1 inch Tubing, with Indicator and Porcelain Mouthpiece	\$2.20
No. 158 $\frac{1}{2}$ —Brass, Nickel Plated, with Indicator	3.60

SPEAKING TUBE MOUTHPIECES

	Per Dozen
No. 8 —Porcelain Mouthpiece	\$1.00
No. 8N—Nickel Plated Mouthpiece	2.00

SPEAKING TUBE FIXTURES

TIN SPEAKING TUBES



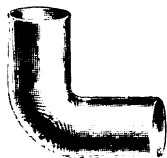
	Per Foot
No. 0—1 inch, Bright Tin, Lock Seamed, in 5 foot Lengths	\$0.03

FLEXIBLE WALL TUBE

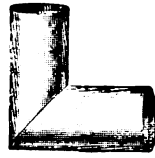


	Each
No. 1—2 feet Flexible Wall Tube, Complete	\$2.00

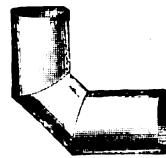
TIN SPEAKING TUBE ELBOWS



Round.



Square.



Lob Back.



One-Eighth Bend.

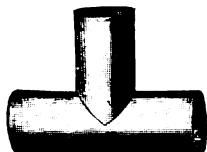
For 1 inch Tubing.

	Per Hundred
No. 2—Tin, Round Elbow	\$6.00
No. 3—Tin, Square Elbow	2.80

For 1 inch Tubing.

	Per Hundred
No. 4—Tin, Lob Back Elbow	\$4.00
No. 5—Tin, One-Eighth Bend Elbow	2.80

TEES



	Per Hundred
No. 7—Tin Tees, for 1 inch Tubing	\$7.00

COUPLERS



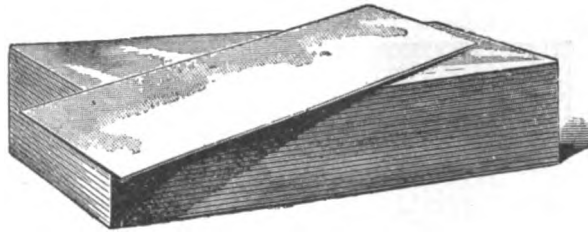
	Per Hundred
No. 6—Tin Coupler, for 1 inch Tubing	\$2.00

STAPLES



	Per Pound
No. 9—Coppered, for 1 inch Tubing	\$0.40

SHEET COPPER



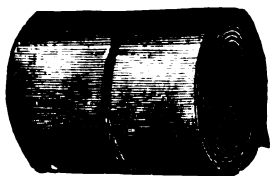
Plain Soft Sheathing, Tinned on One Side.

Weight Per Square Foot, Ounces.....	12	14	16	14
Size, Inches	14x48	14x48	14x48	14x60
Weight Per Sheet, Lbs.....	3 3/4	4	4 3/4	5
English Wire Gauge.....	27	26	25	26
Per Pound .....	\$.....	.....	.....	.....
Tinning	Per Sheet, .....	.....	.....	.....

POLISHED, COLD ROLLED

Tinned on One Side.					Boiler Sizes, Tinned on One Side.			
Weight Per Sq. Foot, Ozs...	12	14	14	16	Boiler Nos.	8	9	9
Size, Inches	14x48	14x48	14x60	14x48	Weight Per Square Foot, Ozs..	14	14	16
Weight Per Sheet, Lbs.....	3 ¾	4	5	4 ¾	Size, Inches	14x56	14x60	14x60
English Wire Gauge.....	27	26	26	25	Weight Per Sheet, Lbs.....	4 ¾	5	5 ¾
Per Pound .....	\$.....	.....	.....	.....	English Gauge	26	26	25
Tinning	Per Sheet, .....	.....	.....	.....	Per Pound .....	\$.....	.....	.....
Per Sheet					Tinning	Per Sheet, .....	.....	.....
20 Lb. Per Sheet—Polished One Side, Plain on Other.\$.....								
25 Lb. Per Sheet—Polished One Side, Plain on Other.								
Tinning								

SHEET BRASS



Soft, in Rolls.

B. & S. Wire Gauge, Nos.	14	16	18	20	22
Width, Inches	12	12	12	12	12
Per Pound	\$0.22	.22	.22	.22	.22
B. & S. Wire Gauge, Nos.	24	25	26	28	
Width, Inches	12	12	12	12	
Per Pound	\$0.22	.22	.22	.23	

Average Weight Per Roll 40 Pounds.

SOFT STENCIL BRASS

In Rolls.

B. & S. Wire Gauge, Nos.	30	31	32	33	34
Width, Inches	16	16	16	16	16
Per Pound	\$ . . . .	. . . .	. . . .	. . . .	. . . .

Average Weight Per Roll 30 Pounds.

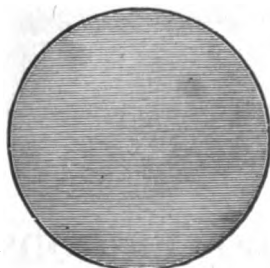
HOOP BRASS

In Coils.

B. & S. Wire Gauge, Nos.	23	23	22
Width, Inches	1/2	5/8	3/4
Per Pound	\$ . . . .	. . . .	. . . .

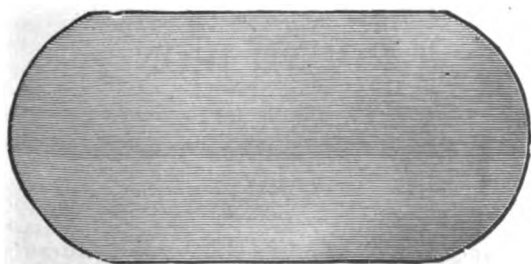
Average Weight Per Coil 5 Pounds.

COPPER BOTTOMS



Round Flats, for Tea Kettles.

Nos.	8	9
Size, Inches	10 1/2	11 1/2
14 Oz., Approx. Wt. Per Doz., Lbs.	5 3/4	7 1/8
16 Oz., Approx. Wt. Per Doz., Lbs.	6 1/8	8 7/8
Per Pound	\$ . . . .	. . . .



Oval Flats, for Boilers.

Nos.	8	9	10
Size, Inches	12x22	13x24	14 1/2x26 1/2
14 Oz., App. Wt. Doz., Lbs.	18 3/4	20 3/8	25
16 Oz., App. Wt. Doz., Lbs.	20 3/4	24 1/8	28
Per Pound	\$ . . . .	. . . .	. . . .

ROSIN



Tinnerns' Extra..

Rosin	Per Pound
In Bulk.	\$0.08

CHARCOAL



Best Hardwood.

Charcoal	Per Bushel
Three Bushels in Bag.	\$0.40

BORAX



Refined Lump.

Borax	Per Pound
In Bulk or Barrel Lots.	\$0.15
350 Pounds in a Barrel.	

RUBY FLUID



A Soldering and Tinning Flux for All Metals.

Size Cans	1 Pt.	1 Qt.	1/2 Gal.	1 Gal.	5 Gal.
Each, Net	\$0.80	1.30	1.80	3.20	15.00
					Each

Ruby Fluid Fountain Brush—A Tin Tubing Receptacle in Convenient Form to Enable Electricians or Roofers to Carry the Fluid in the Pocket or Belt. \$0.50

A non-explosive, non-poisonous and non-corrosive fluid compound, designed as a flux for soldering and tinning on all metals without destroying, damaging or tarnishing the metal or coating. A substitute for acids, zinc chloride, sal-ammoniac and other mixtures.

SOLDER

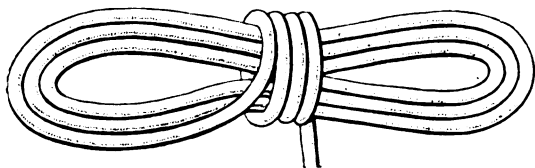


Per Pound
Wm. Frankfurth Hardware Co.—Half and Half.....\$....
Triangular Bar—Half and Half.....\$....



Per Pound
Market—Half and Half.....\$....

WIRE SOLDER



Per Pound
No. 1—Wire Solder, No. 12 Gauge, Half and Half, in
1 Lb. Coils.....\$....
No. 5—Wire Solder, No. 12 Gauge, Half and Half, in
5 Lb. Coils.....\$....

BABBITT METAL



Per Pound
Magnolia—Anti-Friction Metal.....\$....

A self-lubricating graphite, anti-friction metal, which wears longer, develops less friction, and requires less oil than any other composition.

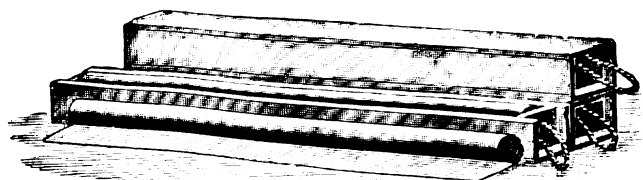
In 56 Pound Boxes.



Nos. 4 Common 3 2 1 Genuine
Per Pound\$....

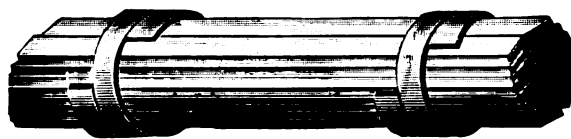
Average Weight Per Box 50 Pounds.

SHEET LEAD



Wire Gauge Nos.	16	17	18	19
Wt. Per Square Ft., Lbs.	4	3 1/2	3	2 1/2
Per Pound	\$....	....	....	....

BAR LEAD



Per Pound
Bar Lead\$....

25 Pounds in a Box.

PIG LEAD



Per Pound
Pig Lead\$....

In 90 and 100 Pound Pigs.

BAR TIN



Per Pound
Bar Tin\$....
In Bulk.

PIG TIN



Per Pound
Pig Tin—Small Pigs, 30 Lbs.....\$....
Pig Tin—Large Pigs, 100 Lbs.....\$....

BOILER RODS



Diameter, Inches	3/8	1/2	5/8
Length, Feet	10	10	12 1/2
Per Pound	\$....	....	....

25 Pounds in a Bundle.

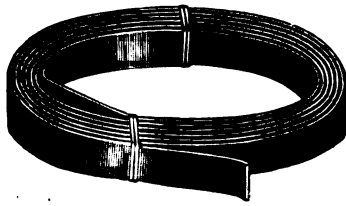
ROUND IRON



COMMON

	Per 100 Pounds
1 to 1 1/8 inch.....Base,	\$....
3/4 and 7/8 inch.....Advance,	.10
5/8 and 1 1/8 inch.....Advance,	.20
1/2 and 3/4 inch.....Advance,	.30
3/8 inch.....Advance,	.40
5/16 inch.....Advance,	.50
1/4 inch.....Advance,	.70
3/16 inch.....Advance,	.90
1/8 inch.....Advance,	2.50

HOOP STEEL



Base	Per 100 Lbs.
3/4 inch, No. 20 Gauge, in 70 Lb. Coils.....	Advance, \$.....
7/8 inch, No. 20 Gauge, in 40 Lb. Coils.....	Advance, \$.....
1 inch, No. 20 Gauge, in 70 Lb. Coils.....	Advance, \$.....

BAND STEEL



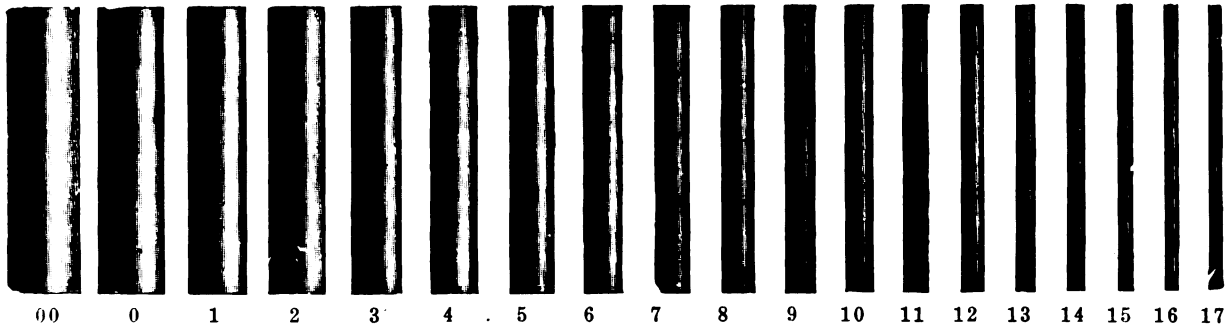
Plain.

Base	Per 100 Lbs.
1 1/2 inch, Nos. 10 and 12 Gauge.....	Advance, \$.....
1 3/4 inch, No. 12 Gauge.....	Advance, \$.....
2 inch, No. 12 Gauge.....	Advance, \$.....
130 Pounds in a Scroll Bundle.	

Galvanized.

Base	Per 100 Lbs.
1 1/2 inch, No. 12 Gauge.....	Advance, \$.....
1 3/4 inch, No. 12 Gauge.....	Advance, \$.....
2 inch, No. 12 Gauge.....	Advance, \$.....

WIRE IN COILS



BRIGHT MARKET

Nos.	0000 to 5	6 to 9	10	11	12	13	14	15	16	17	18
Per Pound	\$0.10	.10	.11	.11	.11 1/2	.12 1/2	.12 1/2	.14	.14	.15	.16

One Hundred Pounds in a Bundle.

COPPERED MARKET

Nos.	0000 to 5	6 to 9	10	11	12	13	14	15	16	17	18
Per Pound	\$0.10	.10	.11	.11	.11 1/2	.12 1/2	.12 1/2	.14	.14	.15	.16

One Hundred Pounds in a Bundle.

Coppered Market, in 4 Ounce Coils.

No. 18—Coppered Market Wire, in 4 Ounce Coils, for Wooden Shoes	Per Pound
	\$0.20

TINNED MARKET

Nos.	0 to 5	6 to 9	10	11	12	13	14	15	16	17	18
Per Pound	\$0.15	.15	.16	.16	.17	.17	.17	.17 1/2	.17 1/2	.18	.18 1/2

One Hundred Pounds in a Bundle.

COPPERED STEEL SPRING

Nos.	0000 to 5	6 to 9	10	11	12	13	14	15	16	17	18
Per Pound	\$0.10	.10	.11	.11	.11 1/2	.12 1/2	.12 1/2	.14	.14	.15	.16

One Hundred Pounds in a Bundle.

BRASS SPRING

Brown & Sharpe's Gauge.

Nos.	0000 to 4	5 to 10	11 to 13	14 to 18	19 & 20	21	22	23	24	25	26
Per Pound	\$0.25	.25	.25 1/2	.26	.27	.28	.29	.30	.32	.34	.37

Twenty-five Pounds in a Bundle.

SOFT COPPER

Brown & Sharpe's Gauge.

Nos.	0 to 10	11 & 12	13 & 14	15 & 16	17 & 18	19	20	21	22	23	24	25	26	27	28
Per Pound	\$0.30	.30	.30	.30	.31	.32	.32	.33	.34	.36	.38	.40	.43	.46	.51

Twenty-five Pounds in a Bundle.

MANURE CARRIER WIRE

No.	Diameter	Weight Per Foot
No. 4/0	Diameter 3/32 inch, Special Drawn Steel, 440 Feet in a Coil, Weight Per Foot 7 Oz.	\$.....
No. 6/0	Diameter 1/16 inch, Special Drawn Steel, 350 Feet in a Coil, Weight Per Foot 9 Oz.	\$.....

WIRE IN STONES



Annealed.

Nos.	16	17	18	19	20	21	22	23	24	25	26	27	28
Per Pound	\$0.14	.15	.16	.19	.20	.21	.22	.23	.24	.25	.26	.28	.29

Discount.....

Discount.....

Discount.....

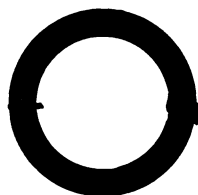
Twelve Pounds in a Stone.

Tinned Annealed.

No. 25—Tinned Annealed Stone Wire.....	Per Pound
	\$0.22

Twelve Pounds in a Stone.

STOVE PIPE WIRE



In Fifty Foot Coils.

No. 19—Annealed, 50 Feet in a Coil, for Family Use, Rust Proof Finish	Per Dozen
	\$0.70

One Dozen in a Box.

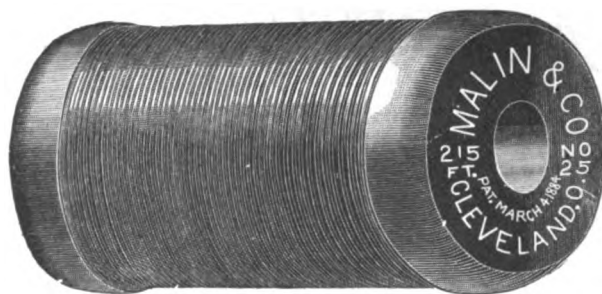
TABLE OF SIZE, WEIGHT AND LENGTH OF IRON WIRE

Gauge Numbers	Diameter, Inches	Weight of 100 Feet, Pounds	Weight of 1 Mile, Pounds	Feet in 63 Pounds	Feet in 2000 Pounds	Gauge Numbers	Diameter, Inches	Weight of 100 Feet, Pounds	Weight of 1 Mile, Pounds	Feet in 63 Pounds	Feet in 2000 Pounds
0	.307	27.66	1460	228	7,230	19	.041	.45	24.	14,000	444,444
1	.283	21.23	1121	296	9,425	20	.035	.32	17.	19,687	625,000
2	.263	18.34	968	343	10,905	21	.032	.27	14.	23,333	740,741
3	.244	15.78	833	399	12,674	22	.028	.21	11.	30,000	952,381
4	.225	13.39	707	470	14,936	23	.025	.175	9.24	36,000	1,142,856
5	.207	11.35	599	555	17,621	24	.023	.140	7.30	45,000	1,428,570
6	.192	9.73	514	647	20,555	25	.020	.116	6.124	54,310	1,724,125
7	.177	8.03	439	759	24,906	26	.018	.093	4.91	67,742	2,150,537
8	.162	6.96	367	905	28,734	27	.017	.083	4.382	75,903	2,409,616
9	.148	5.08	306	1,086	34,483	28	.016	.074	3.907	85,135	2,702,695
10	.135	4.83	255	1,304	41,408	29	.015	.061	3.22	103,278	3,278,663
11	.120	3.82	202	1,649	52,356	30	.014	.054	2.851	116,666	3,763,678
12	.105	2.92	154	2,158	68,493	31	.0135	.050	2.64	126,000	3,999,996
13	.092	2.24	118	2,813	89,286	32	.013	.046	2.428	136,956	4,347,805
14	.080	1.69	89	3,728	118,343	33	.011	.037	1.953	170,270	5,405,391
15	.072	1.37	72	4,598	145,985	34	.010	.030	1.584	210,000	6,666,660
16	.063	1.05	55	6,000	190,476	35	.0095	.025	1.32	252,000	7,999,992
17	.054	.77	41	8,182	259,740	36	.009	.021	1.161	286,363	9,090,879
18	.047	.58	31	10,862	344,827						

COMPARATIVE TABLE OF STANDARD WIRE GAUGES

No. of Wire Gauge	Brown & Sharpe	Birming- ham or Stubs	Washburn & Moen Mfg. Co.	No. of Wire Gauge	Brown & Sharpe	Birming- ham or Stubs	Washburn & Moen Mfg. Co.	No. of Wire Gauge	Brown & Sharpe	Birming- ham or Stubs	Washburn & Moen Mfg. Co.
0000	.46	.454	.393	8	.128	.165	.162	19	.035	.042	.041
000	.409	.425	.362	9	.114	.148	.148	20	.031	.035	.034
00	.364	.38	.331	10	.101	.134	.135	21	.028	.032	.031
0	.324	.34	.306	11	.090	.12	.120	22	.025	.028	.028
1	.289	.3	.283	12	.080	.109	.105	23	.022	.025	.025
2	.257	.284	.262	13	.071	.095	.091	24	.020	.022	.023
3	.229	.259	.243	14	.064	.083	.080	25	.017	.02	.020
4	.204	.238	.225	15	.057	.072	.072	26	.015	.018	.018
5	.181	.22	.207	16	.050	.065	.062	27	.014	.016	.017
6	.162	.203	.192	17	.045	.058	.054	28	.012	.014	.016
7	.144	.18	.177	18	.040	.049	.047				

WIRE ON SPOOLS



Full Size Quarter Pound Spool.

ANNEALED STEEL, SHELLAC COATED

Nos.		16	18	20	22	24	26
2 Ounce Spools	Per Dozen,	\$.68	.64	.68	.73	.76	.80
$\frac{1}{4}$ Pound Spools	Per Dozen,	.96	.96	1.02	1.10	1.14	1.20
$\frac{1}{2}$ Pound Spools	Per Dozen,	1.58	1.64	1.68	1.80	1.94	2.04

One Dozen in a Box.

SOFT BRASS, SHELLAC COATED

Nos.		18	20	22	24	26
2 Ounce Spools	Per Dozen,	\$1.47	1.47	1.60	1.73	1.80

One Dozen in a Box.

SPRING BRASS, SHELLAC COATED

Nos.		16	18	20	22	24	26	28
$\frac{1}{4}$ Pound Spools	Per Dozen,	\$2.20	2.20	2.20	2.40	2.60	2.70	3.46
$\frac{1}{2}$ Pound Spools	Per Dozen,	3.90	3.90	3.90	4.40	4.70	4.90	....
1 Pound Spools	Per Dozen,	7.50	7.50	7.50	8.20	8.60	9.20	....

One Dozen in a Box.

SOFT COPPER, SHELLAC COATED

Nos.		16	18	20	22	24	26	28	30
2 Ounce Spools	Per Dozen,	\$.68	1.47	1.47	1.60	1.73	1.80	....	....
$\frac{1}{4}$ Pound Spools	Per Dozen,	2.20	2.20	2.20	2.40	2.60	2.70	3.46	4.20
$\frac{1}{2}$ Pound Spools	Per Dozen,	3.90	3.90	3.90	4.40	4.70	4.90	8.12	7.44
1 Pound Spools	Per Dozen,	7.50	7.50	7.50	8.20	8.60	9.20	11.48	13.94

One Dozen in a Box.

SPOOL WIRE ASSORTMENT

IMPROVED



No. 10—Improved Assortment, Contains 40 No. 8 Spools of Shellac Coated Wire, as Described Below, Put up in Dovetailed Varnished Hardwood Box, with Hinge Cover \$6.00

CONTENTS OF ASSORTMENT

2 2-Oz. Spools, Each, Nos. 18, 20, 22, 24, 26 Black Annealed Steel Wire.
 2 2-Oz. Spools, Each, Nos. 18, 20, 22, 24, 26 Tinned Annealed Steel Wire.
 2 2-Oz. Spools, Each, Nos. 18, 20, 22, 24, 26 Soft Brass Wire.
 2 2-Oz. Spools, Each, Nos. 18, 20, 22, 24, 26 Soft Copper Wire.
 One Assortment in a Box.

HAIR WIRE



BLACK, SHELLAC COATED

Nos.	28	30	32	34	36
Per Gross	\$3.50	3.75	4.00	4.25	5.25
Per Dozen	....	....	....	....	....

One Dozen in a Box.

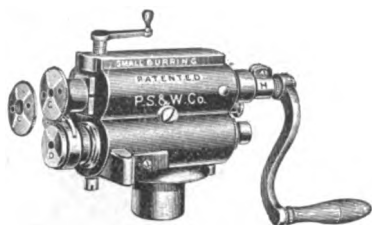
TINNED, SHELLAC COATED

Nos.	28	30	32	34	36
Per Gross	\$4.25	4.50	4.75	5.00	6.00
Per Dozen	....	....	....	....	....

One Dozen in a Box.

TINNERS' MACHINES

STOW'S ENCASED BURRING

For No. 24 Iron and Lighter.
Small.

1½ inch Diameter Rolls with Extra Upper Roll, Adjustable Boxes and Duplicate Parts.

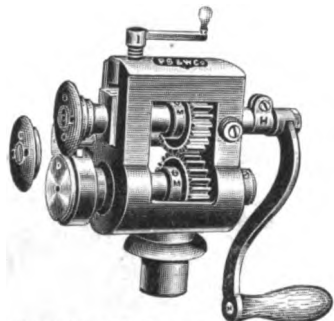
Each
No. 579 (579)—With Standard, Weight Each 21 Lbs. \$25.65
No. 579½ (579½) — Without Standard, Weight Each 10 Lbs. 23.85

Large.

2½ inch Diameter Rolls, with Extra Upper Roll, Adjustable Boxes and Duplicate Parts.

Each
No. 580 (580)—With Standard, Weight Each 23 Lbs. \$26.55
No. 580½ (580½) — Without Standard, Weight Each 12 Lbs. 24.75

COLUMBIAN BURRING

For No. 22 Iron and Lighter.
Small.

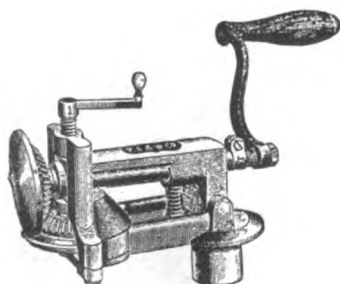
1½ inch Diameter Rolls, with Extra Upper Roll.

Each
No. 576 (576)—With Standard, Weight Each 21 Lbs. \$20.25
Large.

2½ inch Diameter Rolls, with Extra Upper Roll.

Each
No. 577 (577)—With Standard, Weight Each 25 Lbs. \$21.15

COLUMBIAN SETTING DOWN

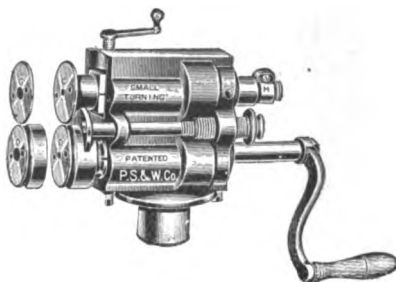


For No. 24 Iron and Lighter.

For Seams up to ⅜ inch.

Each
No. 555 (555)—With Standard, Weight Each 21 Lbs. \$22.95

STOW'S ENCASED TURNING

For No. 24 Iron and Lighter.
Small.

2½ inch Diameter Rolls with Extra Rolls, Adjustable Boxes and Duplicate Parts.

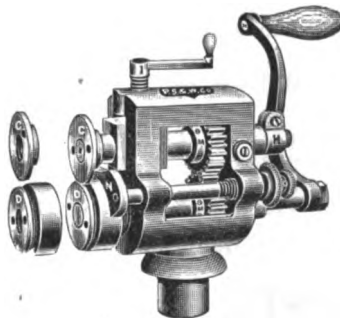
Each
No. 545 (545)—With Standard, Weight Each 23 Lbs. \$28.35
No. 545½ (545½) — Without Standard, Weight Each 12 Lbs. 26.55

Large.

3 inch Diameter Rolls, with Extra Rolls, Adjustable Boxes and Duplicate Parts.

Each
No. 546 (546)—With Standard, Weight Each 28 Lbs. \$29.70
No. 546½ (546½) — Without Standard, Weight Each 17 Lbs. 27.90

COLUMBIAN TURNING

For No. 22 Iron and Lighter.
Small.

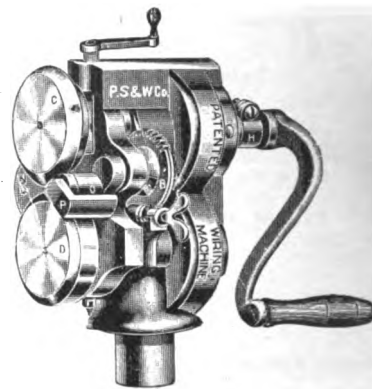
2½ inch Diameter Rolls, with Extra Upper and Lower Roll.

Each
No. 541 (541)—With Standard, Weight Each 25 Lbs. \$22.95
Large.

3 inch Diameter Rolls, with Extra Upper and Lower Roll.

No. 542 (542)—With Standard, Weight Each 31 Lbs. \$23.85

STOW'S ENCASED WIRING



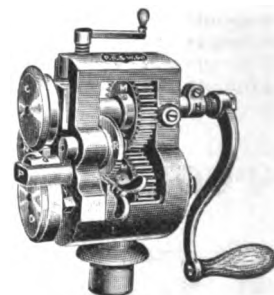
For No. 24 Iron and Lighter.

3 inch Diameter Rolls, with Adjustable Boxes and Duplicate Parts.

Each
No. 526 (526)—With Standard, Weight Each 28 Lbs. \$32.40

No. 526½ (526½) — Without Standard, Weight Each 17 Lbs. 30.64

COLUMBIAN WIRING



For No. 22 Iron and Lighter.

3 inch Diameter Faces.

Each
No. 525 (525)—With Standard, Weight Each 31 Lbs. \$26.55

SETTING DOWN

For No. 24 Iron and Lighter.
For Seams up to ⅜ inch.

Each
No. 561 (86) — With Standard, Weight Each 50 Lbs. \$23.35

The inclined position of both upper and lower faces allows work to be held up or down and seams to be started inward while setting down, thereby facilitating the operation of double seaming. Adjustable gauges with idler rollers are fitted.



TINNERS' MACHINES

COLUMBIAN ELBOW EDGING MACHINE

For No. 24 Iron and Lighter.

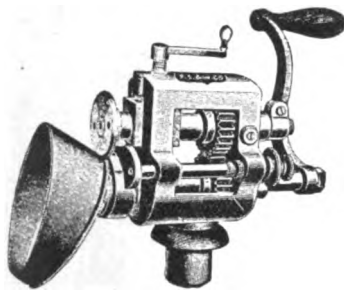
 $2\frac{1}{8}$ inch Diameter Rolls.

Each
 No. 551 (551)—With Standard and One Pair of Rolls, Weight Each 25 Lbs. \$22.95
 Per Pair
 Extra Elbow Edging Rolls Nos. 3 and 4 \$5.85

The faces on these machines make a sharp crease, and are preferred to the ordinary round-edged turning faces.

Faces can be used with and readily adapted to either Columbian or Encased Small Turning Machine.

In using this machine, one-third of the time spent in putting elbows together can be saved by the operator.

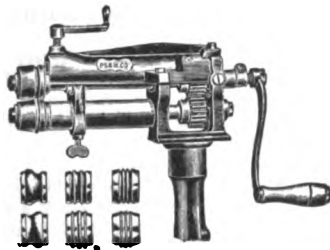


The above cut shows the position of an elbow in turning the edge; also the form of crease made by the machine to enter the corresponding section in completing the elbow.



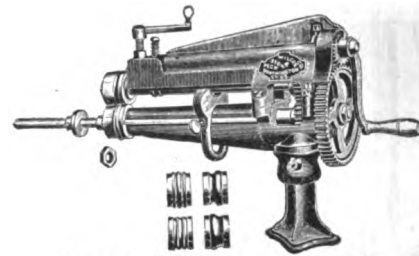
The above cut shows the position of the pipe or elbow, in forming the bead to receive the creased section, as shown in the illustration at the left.

BEADING MACHINES



For No. 26 Iron and Lighter.

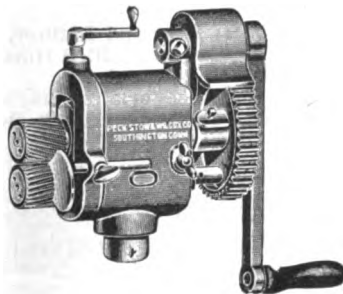
Each
 No. 620 (4) Stow's—6 $\frac{1}{4}$ inch Depth of Throat, with Four Pair 1 $\frac{1}{8}$ inch Rolls and Standard, Size of Beads $\frac{3}{8}$ inch Ogee, $\frac{5}{8}$ inch Triple, $\frac{1}{2}$ inch Triple Coffee Pot, and $\frac{1}{8}$ inch Single, Weight Each 50 Lbs. \$38.25
 No. 621 (5) Stow's—4 $\frac{3}{4}$ inch Depth of Throat, with Five Pair 1 $\frac{1}{2}$ inch Rolls and Standard, Size of Beads $\frac{1}{8}$ inch Ogee, $\frac{3}{8}$ inch Triple Coffee Pot, $\frac{1}{2}$ inch Double, $\frac{1}{8}$ inch Astragal, and $\frac{1}{8}$ inch Single, Weight Each 40 Lbs. 34.20
 Per Pair
 Extra Beading Rolls—For No. 620 \$4.95
 Extra Beading Rolls—For No. 621 2.88
 Each
 Extra Standard—For Nos. 620 and 621 \$2.45



For No. 20 Iron and Lighter.

Each
 No. 617 (1A)—13 inch Depth of Throat, with Three Pair 2 $\frac{3}{4}$ inch Rolls and Standard, Size of Beads 1 inch Ogee, 1 inch Triple, and $\frac{3}{8}$ inch Single, Weight Each 140 Lbs. \$32.25
 No. 619 (3A)—7 $\frac{1}{2}$ inch Depth of Throat, with Three Pair 2 $\frac{3}{4}$ inch Rolls and Standard, Size of Beads $\frac{3}{8}$ inch Ogee, $\frac{3}{8}$ inch Triple, and $\frac{1}{8}$ inch Single, Weight Each 85 Lbs. 53.10
 Per Pair
 Extra Beading Rolls—For No. 617 \$6.75
 Extra Beading Rolls—For No. 619 6.75
 Each
 Beader Cranks or Beader Crank Screws—For No. 617 .. \$1.50
 Beader Cranks or Beader Crank Screws—For No. 619 .. 1.50
 Extra Standard—For Nos. 617 and 619 2.45

CORNICE MAKERS' CRIMPER



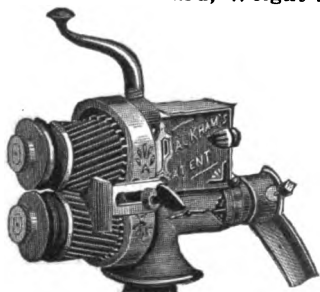
1 $\frac{1}{8}$ inch Diameter Crimping Rolls, for No. 20 Iron and Lighter. Each
 No. 592 (017A)—Encased, Straight Crimping Rolls, with Standard, Weight Each 63 Lbs. \$26.55

PACKHAM'S CRIMPER AND BEADER

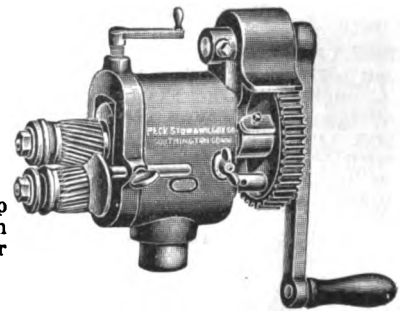
For Stove and Conductor Pipe.

Each
 No. 500—Packham's, with Standard, Weight Each 24 Lbs. \$14.00

Noiseless in operation, solid steel crimping rolls cut spirally, and machine cut gears. The spiral crimping rolls eliminate all danger of rupturing the grain of the metal while crimping.



Cut Shows Crimp and Bead as Made on Crimper and Beader No. 585.

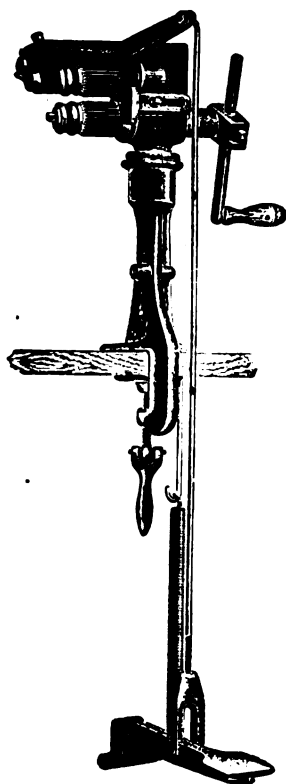


1 $\frac{1}{8}$ inch Diameter Beading Rolls, 1 $\frac{1}{8}$ inch Diameter Crimping Rolls, for No. 20 Iron and Lighter. Each
 No. 585 (7A)—Encased Spiral Crimping and Beading Rolls, with Standard, Weight Each 65 Lbs. \$26.55



Cut Shows Crimp and Bead as Made on Packham's Crimper and Beader.

TINNERS' MACHINES.



CRIMPING AND BEADING MACHINE

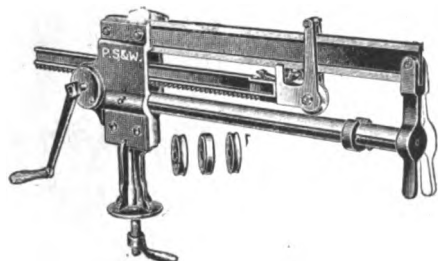
For No. 24 Iron and Lighter.

Each
No. 602 (602)—With Stand-
ard, Weight Each About
38 Lbs. \$24.75

The construction throughout of
of this machine is exceedingly
strong and rigid, and permits of
easy and rapid adjustment.

The depression of rolls is accom-
plished by a foot treadle. The con-
tact of the upper bearing roll is ad-
justed by a lever, and this lever also
gives an independent adjustment
for raising upper beading roll, tak-
ing same out of contact with lower
roll, in case crimping only is de-
sired. The adjustment of this lever
is effected by means of an eccentric
device, and is instantaneous in ac-
tion. This greatly increases the
simplicity of this machine, as crimp-
ing alone can be done without sub-
stituting blank collars for beading
rolls. The crank is adjustable for
light or heavy work.

IMPROVED



For No. 22 Iron and Lighter.
Reversible Lower Bar or Horn.

Each
No. 504 (110)—Will Groove Work 22 ½ inches Long,
with Three Grooving Rolls, One Each, ½, ⅓ and
¼ inch, and One Flattening Roll, with Standard,
Weight Each About 133 Lbs. \$38.25
No. 505 (120)—Will Groove Work 32 inches Long,
with Three Grooving Rolls, One Each, ⅓, ¼ and
⅝ inch and One Flattening Roll, with Standard,
Weight Each About 153 Lbs. 47.70

MACHINE STANDARDS



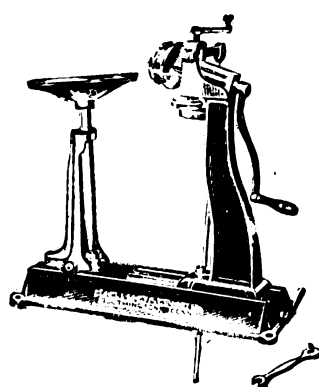
No. 975.
For Any Bench from 1 to 3 ½ inches Thick.



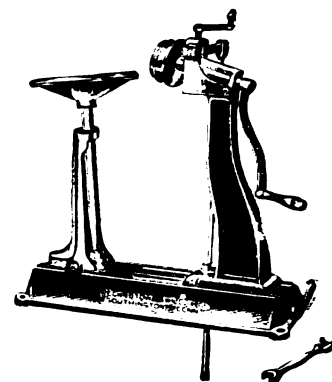
No. 976.

Each
No. 975—Small Machine Standard, Weight Each 10 ½
Lbs. \$2.45
No. 976—Wiring Machine Standard, Weight Each 11
Lbs. 2.45
Encased and Columbian Machines are all packed with these
Standards.

OLMSTED'S PATENT DOUBLE SEAMING MACHINE



No. 655.



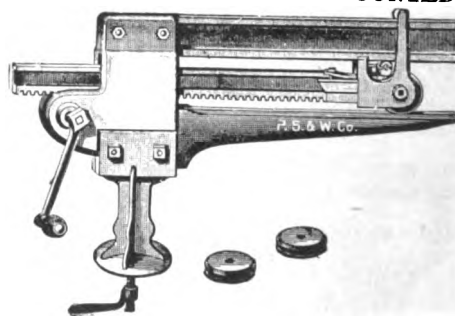
No. 656.

For No. 26 Iron and Lighter.
With Setting Down Attachment.

Each
No. 655 (655)—Depth to Receive Work 15 inches,
One Seaming Head with Deflector, and 8 Discs, as
Follows: Straight Discs, 4, 5 ¼ and 8 ½ inches;
Flaring Discs, 4 ½, 6 ¼, 7 ¼, 8 ¾ and 11 inches,
Weight Each About 120 Lbs. \$60.75
Extra Discs 3.00
Without Setting Down Attachment.
Each
No. 656 (656)—Depth to Receive Work 15 inches, One
Seaming Head with Deflector and 8 Discs, as Fol-
lows: Straight Discs, 4, 5 ¼ and 8 ½ inches;
Flaring Discs, 4 ½, 6 ¼, 7 ¼, 1 ¾ and 11 inches,
Weight Each About 115 Lbs. \$47.70
Extra Discs 3.00

GROOVING MACHINES

STOW'S PATENT BRASS MOUNTED



For No. 24 Iron and Lighter.
With Steel Bar and Milled Horn.

Each
No. 502 (01)—Will Groove Work 20 inches Long,
with Three Grooving Rolls, One Each, ½, ⅓ and
¼ inch, with Standard, Weight Each About 102
Lbs. \$30.60
Extra Rolls—For No. 50275
Extra Standard—For No. 502 2.45

EAVES TROUGH END CLOSING FORMS



The Tool.

Nos. 3 ½ 4
Inches 3 ½ 4
Each \$0.50 .60



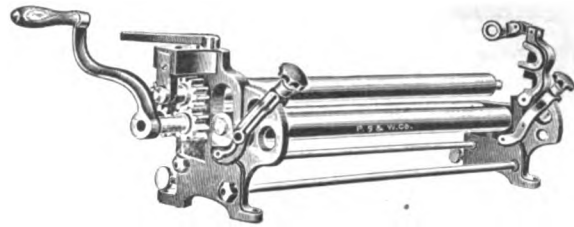
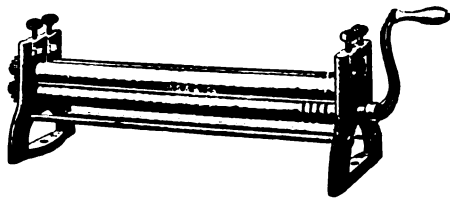
The Work.

Nos. 4 ½ 5 5 ½
Inches 4 ½ 5 5 ½
Each65 .75 1.00

With the use of these forms, the ends of the eaves trough
can be closed much neater and quicker than with any other
method. The form is placed in gutter and the iron worked
into grooves with a hammer, producing a corrugated closed
end. Frost will not burst the end out.

TINNERS' MACHINES

PIPE FORMERS



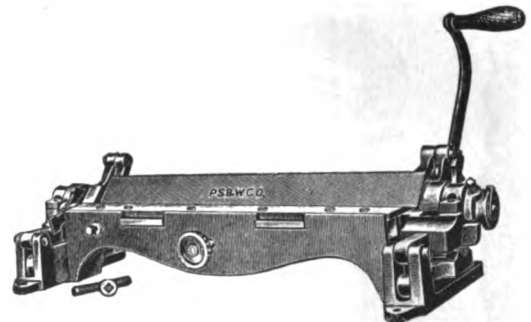
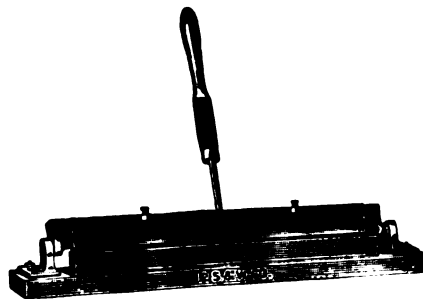
For Stove Pipe, Special Rolled Hard Steel Rolls.		
Nos.	357(1)	358(2)
Diameter Rolls, Inches.....	2	1 3/4
Length Rolls, Inches.....	31	31
Weight Each, Lbs.....	140	120
Each	\$34.20	30.33

Slip Roll Pattern, for Stove Pipe, with Compensating Gears.		
Nos.	382(100)	383(200)
Diameter Rolls, Inches.....	2	1 3/4
Length Rolls, Inches.....	31	31
Weight Each, Lbs.....	160	140
Each	\$40.65	39.78

WRIGHT'S IMPROVED

SHEET IRON FOLDERS
WOOD BOTTOM

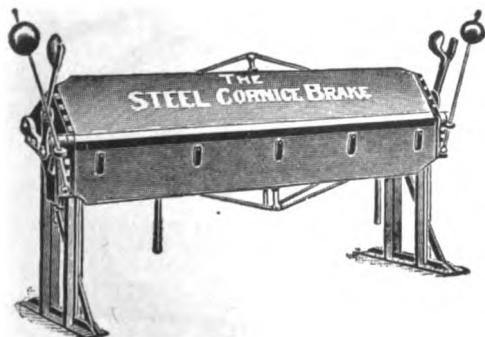
FOLDING MACHINES



For No. 22 Iron and Lighter.		
Nos.	1(1)	12A(12)
Length, Inches.	30 1/2	30 1/2
Will Form Lks.,		
Inches	1/4 and 3/8	1/4, 3/8, 1/2, 5/8
Wt. Each, Lbs..	85	90
Each	\$26.55	32.40

For No. 22 Iron and Lighter.		
No.	39(39)	
Length, Inches	30 3/4	
Will Form Locks, Inches....	3/8 to 1/2	
Weight Each, Lbs.....	75	
Each	\$26.55	

Stow's Patent Improved Adjustable Bar Folder.		
For No. 22 Iron and Lighter.		
		Each
No. 62 (152A) — 20 3/4 inches Long, Will Form Locks from 1/4 to 1 inch, Weight Each 102 Lbs.....		\$66.60
No. 63 (154A) — 30 inches Long, Will Form Locks from 1/4 to 1 inch, Weight Each 185 Lbs.		76.50
The gauge is adjustable and regulates the width of the fold by turning gauge wheel in front and center of machine; after gauge is set it is firmly held through lock screw with a wrench provided for the purpose.		



★ STEEL CORNICE BRAKES

Nos.	1	1B	2	2A	2B
Length Bending Edge.	12 ft. 1 in.	10 ft. 1 in.	10 ft. 1 in.	10 ft. 1 in.	10 ft. 1 in.
Will Bend, Gauge No.	18	14	16	20	18
Weight Each, Lbs.....	4300	3000	2500	1800	2100
Each	\$425.00	310.00	260.00	180.00	210.00
Nos.	2C	3	3B	4	4B
Length Bending Edge.	8 ft. 1 in.	8 ft. 1 in.	6 ft. 1 in.	8 ft. 1 in.	6 ft. 1 in.
Will Bend, Gauge No.	14	16	16	18	18
Weight Each, Lbs....	2000	1500	1200	1000	800
Each	\$210.00	155.00	120.00	110.00	90.00
Nos.	4C	5	5B	6	6B
Length Bending Edge.	5 ft. 1 in.	4 ft. 1/2 in.	3 ft. 1/2 in.	4 ft. 1/2 in.	3 ft. 1/2 in.
Will Bend, Gauge No.	18	14	14	16	16
Weight Each, Lbs....	750	800	650	500	400
Each	\$75.00	80.00	65.00	65.00	55.00

These Brakes are made principally of Bessemer Steel. The hinges and jaw connecting links are of crucible steel castings. Balance weights on levers guard the jaw from closing from its own weight, while the workman is free to handle material. These machines are adapted to a large variety of work. They are very suitable for rapid and accurate bending. Sheets can be formed of the gauge rated full length with ordinary flange. Narrow edges can be bent on lighter material in proportion. In shorter lengths heavier material can be bent.

The apron or bending leaf is 1/2 inch normally. By the addition of angle steel it is reinforced for heavy work. The removal of the steel bar reduces it to 1/4 inch, which allows close reverse members being formed. This advantage is only possible with the steel edge. It is of great importance where this class of work arises.

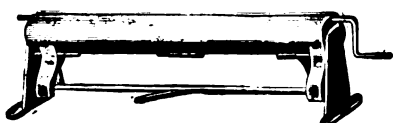
A wrench fitting all the adjustable parts is furnished with these machines.

Five moulding forms suitable for making cornice ridge roll and other moulding work are supplied with the Cornice Brakes.

★ Note—Not Carried in Stock, Shipped Direct from Factory.

TINNERS' MACHINES

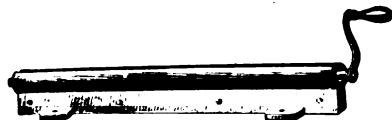
STOW'S PATENT GUTTER BEADER



Nos.	702(0)	703(1)
Length, Inches...	30	20
Diam. Rod, In....	$\frac{1}{8}$ to $\frac{3}{4}$	$\frac{3}{8}$ to $\frac{5}{8}$
Wt. Each, Lbs....	100	45
Each	\$19 08	11.70

The jaws can be easily opened to remove the work and rod.

IRON BOTTOM GUTTER BEADER



With Enclosed Rod.		
Nos.	709(02)	710(11)
Length, Inches...	31	20 $\frac{1}{2}$
Diam. Rod, In....	$\frac{3}{8}$ to $\frac{3}{4}$	$\frac{3}{8}$ to $\frac{5}{8}$
Wt. Each, Lbs....	17	13
Each	\$11.52	8.55

The jaws do not open for removing work and rod.

STEEL GUTTER RODS

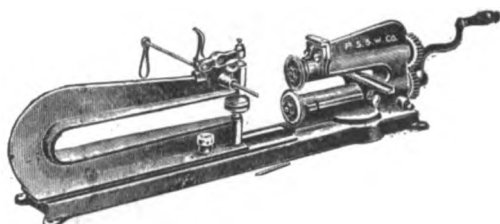


Nos.	R709(R02)	R710(R11)
Length, In ...	30	20
Diam. Rod, In..	$\frac{3}{8}$ to $\frac{3}{4}$	$\frac{3}{8}$ to $\frac{5}{8}$
Wt. Each, Lbs..	5 $\frac{1}{4}$	1 $\frac{1}{2}$
Each	\$5.76	3.88

In Ordering the Above Gutter Beaders, be Sure and Specify the Diameter of Rod Wanted.

RING AND CIRCULAR SHEARS

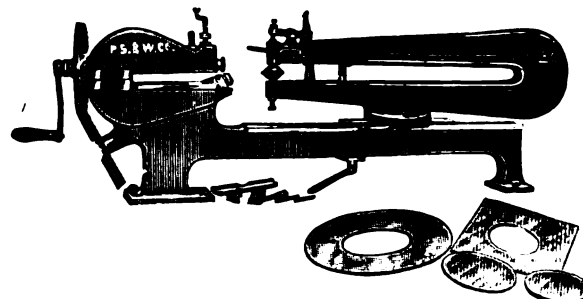
WAUGH'S PATENT IMPROVED CIRCULAR SHEARS



For No. 22 Iron and Lighter.

$3\frac{1}{8}$ inch Diameter Cutters, Will Cut Circles from $2\frac{3}{4}$ to 18 inches, Fitted with Quick-Acting Eccentric Lever, which Clamps Material Between Rubber Covered Discs, which Prevents Slipping of Blanks, Insuring Accurate Cutting.

Each	
No. 276 (276)—With Polished Graduated Scale,	
Weight Each About 120 Lbs.....	\$53.10
Per Pair	
Extra Cutters	\$7.65



For No. 20 Iron and Lighter.

$1\frac{1}{2}$ inch Diameter Cutters, Will Cut Circles from $3\frac{1}{4}$ to 22 inches, Fitted with Quick-Acting Eccentric Lever, which Clamps Material Between Rubber Covered Discs, which Prevents Slipping of Blanks, Insuring Accurate Cutting.

Each	
No. 208 (28)—With Bed Graduated in Inches and	
Fractions of Inches, Weight Each About 195 Lbs..	\$76.50
Per Pair	
Extra Cutters	\$9.45

SQUARING SHEARS

STOW'S IMPROVED

For No. 20 Iron and Lighter.

Extra Heavy Front Extension Arms, and Improved Patent Quick-Acting Back Gauge, with Adjustable Rods for Supporting and Leading Edge of Material to Face of Gauge.

Each

No. 158 (120A)—With 22 inch Cutting Blade, with Side Tables and Top Shelf, Weight Each 360 Lbs.	\$76.50
No. 159 (130A)—With 32 inch Cutting Blade, with Side Tables and Top Shelf, Weight Each 525 Lbs.	85.50

ACME PATTERN

For No. 18 Iron and Lighter.

Extra Heavy Front Extension Arms and improved Patent Quick-Acting Back Gauge, with Adjustable Rods for Supporting and Leading Edge of Material to Face of Gauge.

Each

No. 179 (730)—With 31 inch Cutting Blade, with Top Shelf, without Side Tables, Weight Each About 425 Lbs.....	\$ 95.40
No. 180 (736)—With 37 inch Cutting Blade, with Top Shelf, without Side Tables, Weight Each About 700 Lbs.....	114.30
Extra for Side Tables—Per Pair....	3.78



Nos. 158 and 159.



Nos. 179 and 180.

COMBINED SHEARS AND PUNCHES

These Machines are Suitable for Both Cutting and Punching Metal, Will Cut $\frac{1}{8}$ inch Iron and $\frac{1}{16}$ and $\frac{1}{4}$ inch Narrow Bars.

Each

No. 678 (1)— $4\frac{1}{4}$ inch Cut, with One Combination Die and Four Punches, One Each, $\frac{1}{8}$, $\frac{1}{16}$, $\frac{1}{4}$ and $\frac{3}{8}$ inch, Suitable for $\frac{1}{8}$ inch Iron and Lighter, Will Punch the Center of a Circle $5\frac{1}{4}$ inches in Diameter, Weight Each About 100 Lbs.....	\$32.40
No. 679 (2)— $4\frac{1}{4}$ inch Cut, with One Combination Die and Five Punches, One Each, $\frac{1}{8}$, $\frac{1}{16}$, $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{5}{8}$ inch, Suitable for $\frac{3}{8}$ inch Iron and Lighter, Will Punch the Center of a Circle $5\frac{1}{2}$ inches in Diameter, Weight Each About 120 Lbs.....	40.50
Extra Punches—For Nos. 678 and 679.....	.90
Extra Dies—For Nos. 678 and 679.....	1.00



TINNERS' MACHINES

SLITTING SHEARS



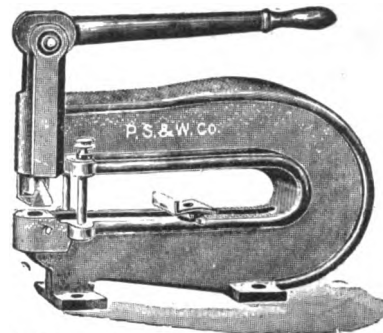
Eccentric Lever.

For Iron or Steel $\frac{3}{8}$ inch and lighter.

No. 253—18 inches Long Over All Including Lever,
 $3\frac{1}{2}$ inch Blade, $10\frac{1}{2}$ inch Bed, $6\frac{1}{2}$ inches High,
 Weight Each 17 Lbs. \$21.60

So constructed as to cut sheet stock with the greatest of ease. Its eccentric cutting device requires very little effort to cut sheet metal up to the full rated capacity. A handy machine for the shop and light enough to be easily carried to the job to be done outside.

IMPROVED SAMSON PUNCHES



Bolt Fastened, Wrought Iron Links, with Adjustable Gauge.

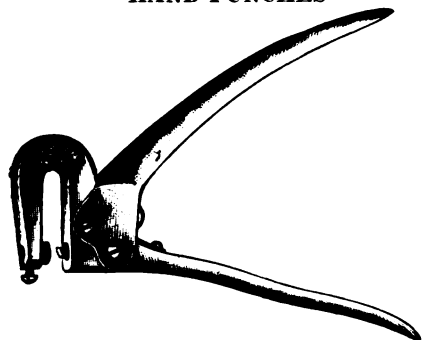
Each

No. 675 (5)—With Three Sets of Dies and Punches,
 Viz., $\frac{1}{8}$, $\frac{3}{8}$ and $\frac{1}{4}$ inch, Depth of Throat 15 inches,
 Will Punch No. 9 Iron with Stay Bolts and No. 12
 Iron without Stay Bolts, Will Center on 7 inch
 Sheets with Stay Bolts and 30 inch Sheets without
 Stay Bolts, Weight Each 140 Lbs. \$45.00
 Extra Punches—For No. 675. 1.00
 Extra Dies—For No. 675. 2.00

HAND PUNCHES

HAND METAL PUNCHES

HAND PUNCHES



Per Dozen

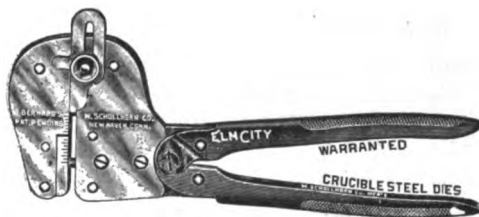
No. 1—Samson, Drop Forged
 Steel, Case Hardened
 Screws, All Parts Inter-
 changeable, Depth of Throat
 $1\frac{3}{8}$ inches, Polished and
 Copper Nickel Plated. \$30.00

Per Set

Extra Punch and Dies—For
 No. 1 \$4.00

This Punch is made to punch a hole
 from $\frac{1}{8}$ to $\frac{1}{4}$ inch through $\frac{1}{8}$ inch thick
 brass, steel, galvanized iron and metal
 of every description, to 17 gauge in di-
 ameter. A valuable tool for machinists,
 roofers, tool makers, etc.

In ordering, mention sizes of punches
 required.



Per Dozen

No. 17—Elm City, 9 inches Long,
 Drop Forged Steel Head,
 Black Sheet Steel Handles,
 Compound Leverage, Inter-
 changeable Dies, One Male
 and One Female, Weight
 Each $1\frac{1}{8}$ Lbs. \$40.00

One in a Box.

$\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$ inch dies punch No. 14
 gauge sheet iron, $\frac{3}{8}$, $\frac{1}{2}$ inch dies punch
 No. 15 gauge sheet iron, $\frac{3}{8}$, $\frac{1}{4}$ inch
 dies punch No. 16 gauge sheet iron.
 The dies open $\frac{1}{8}$ inch and reach 1 inch
 from edge of metal.

In ordering specify sizes of dies
 wanted.



Each

No. 08—Cast Iron Block with
 Flanges, Wrought Iron and
 Steel Parts, Weight Each
 50 Lbs. \$24.00
 With three sets of dies and punches,
 viz., $\frac{1}{8}$, $\frac{3}{8}$ and $\frac{1}{4}$ inch. Will punch $\frac{3}{4}$
 inch hole in $\frac{1}{4}$ inch iron, and $\frac{3}{8}$ inch
 hole in $\frac{1}{2}$ inch iron.

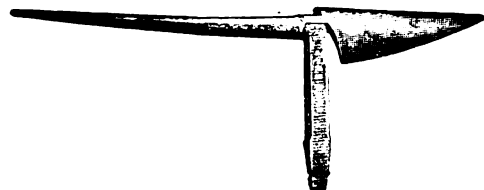
TINNERS' TOOLS

STAKES

BEAK HORN

NEEDLE CASE

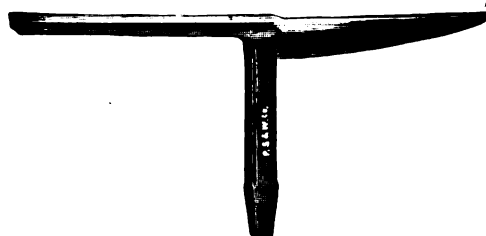
COMMON BLOW HORN



Wrought Iron, Steel Face.

Each

No. 925 (25)—Large End 9
 inches Long, Small End 18
 inches Long, Weight Each
 14 Lbs. \$9.54



Wrought Iron, Steel Face.

Each

No. 901 (1)—Round End $16\frac{1}{2}$
 inches Long, Flat End $21\frac{1}{2}$
 inches Long, Weight Each
 46 Lbs. \$20.40



Wrought Iron, Steel Face.

Each

No. 957 (57)—Round End, $10\frac{1}{2}$
 inches Long, Flat End 8
 inches Long, Weight Each
 4 Lbs. \$3.76

TINNERS' TOOLS

CANDLE MOULD

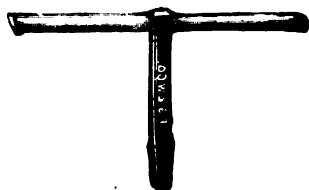


Wrought Iron, Steel Face.

Each

No. 956 (56)—Length of Large End 18½ inches, Length of Small End 9½ inches, Weight Each 7½ Lbs.....\$6.66

DOUBLE SEAMING



Wrought Iron, Steel Face.

Each

No. 92 (21)—Length of Large End 17 inches, Length of Small End 12 inches, Weight Each 37 Lbs.....\$22.78

ROUND HEAD

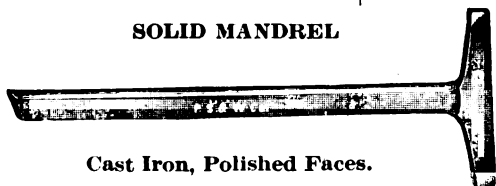


Cast Iron, Polished Face.

Each

No. 965 (65)—Diameter of Head 3 inches, 12½ inches Long Over All, Weight Each 9½ Lbs.....\$2.88

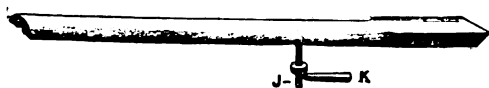
SOLID MANDREL



Cast Iron, Polished Faces.

Nos.	960½ (60)	961 (61)
Length of Standard, Inches.....	40	34½
Weight Each, Lbs.....	86	56
Each	\$11.52	9.54

HOLLOW MANDREL

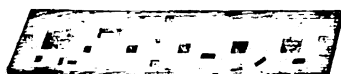


Cast Iron, Polished Face.

Each

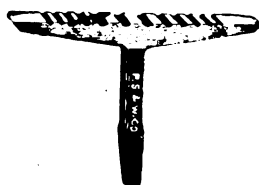
No. 910 (11)—3 feet 4 inches Long, Flat Part 9 inches Long, 6 inches Wide, Oval Part 31 inches Long, Weight Each 60 Lbs.....\$10.44

BENCH PLATES



Cast Iron, Smooth Surface.

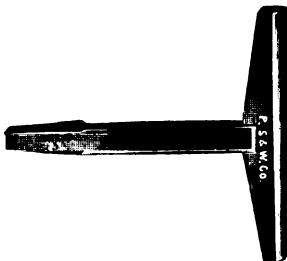
Nos.	981 (1)	982 (2)
Width, Inches	8	8
Length, Inches	37½	30
Weight Each, Lbs.....	46	31
Per Dozen	\$9.54	7.65

STAKES
COMMON CREASING

Wrought Iron, Steel Face. Each

No. 928 (28)—15 inches Long, Size of Grooves for Wire Nos. 1, 3, 4, 6, 7, 9, Weight Each 11½ Lbs.....\$11.44

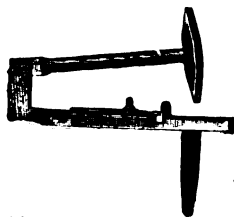
HATCHET



Wrought Iron, Steel Face.

Nos.	943 (43)	944 (44)	945 (45)
Lgth. Blade, Inches ...	13	11	9
Wt. Ea., Lbs. 8½	6½	4	
Each	\$6.66	5.76	4.78

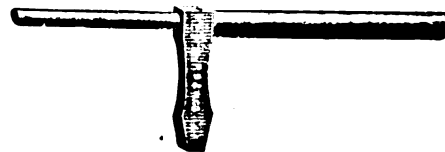
SQUARE PAN SWEDGES



Each

No. 991 (121)—Weight Each 11 Lbs.\$8.10
Intended for creasing blanks for square pans on the line where the sides are to be turned up.

CONDUCTOR

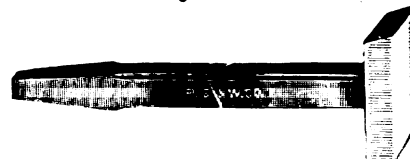


Cast Iron, Polished Face.

Each

No. 971 (71)—Length of Large End 15 inches, Length of Small End 11½ inches, Weight Each 28 Lbs.....\$7.65

SQUARE

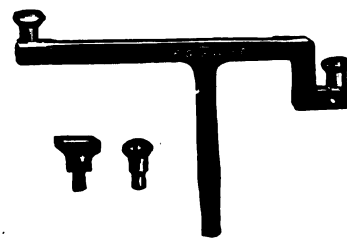


Wrought Iron, Steel Face.

Each

No. 986 (86)—Size of Face 2¼ x 4½ inches, Weight Each 11 Lbs.....\$6.66

TEA KETTLE

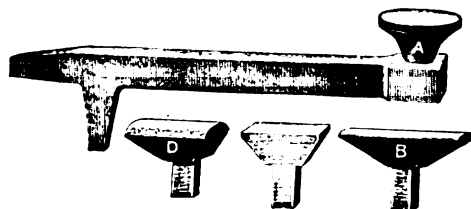


Wrought Iron.

Each

No. 958 (58)—32 inches Long, with 4 Steel Heads, Weight Each 75 Lbs.....\$34.12

DOUBLE SEAMING STAKE



Cast Iron, Polished Faces.

Each

No. 949 (49)—With 4 Heads, One Each, Round, Square, Oblong and Oval, Weight Each Complete 110 Lbs.\$17.10
Extra Heads—For No. 949.....2.88

STOVE PIPE MANDRELS

ADAMS'



Cast Iron, Polished.

Each

No. 36—36 inches Long, 4½ inches Wide, with Steel Punching Die\$9.50
No. 36—36 inches Long, 4½ inches Wide, without Steel Punching Die9.00

Weight Each 38 Pounds.

TINNERS' TOOLS

SCOTT'S PATENT DOUBLE

ROOFING SEAMERS

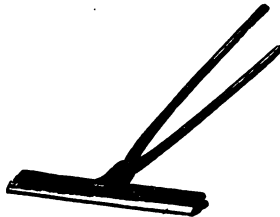


- Malleable Iron, Steel and Brass Throughout, Beautifully Finished. Per Set of 2 Pairs
- No. A—For Self-Capping Iron or Steel Roofing, Follows 1 and 1½ inch Tongs and Finishes Seam 1 inch High\$21.00
- No. B—For Double Seamed Iron or Steel Roofing, Follows 1½ and 1¾ inch Tongs, Finishes Seam 1 inch High 21.00
- A Set Consists of Two Seamers, Weight Per Set 35 Pounds.

ROOFING TONGS



- No. 774 (2)—Reese's, Patent Adjustable Gauge, Length of Handle 21 inches, Length of Blades 18½ inches, Weight Each 9½ Lbs.\$6.66
- Will turn any size edge from ¾ to 3 inches by simply adjusting the Thumb Screw and sliding the Gauge to the desired width.



Regular.

Nos.	770¾ (7)	771 (7)	771¾ (7)
Will Turn One Size Lock, In.	¾	1	1¼
Length of Handles, Inches..	21	21	21
Length of Blade, Inches....	18½	18½	18½
Weight Each, Lbs.....	8	8	9
Each	\$4.78	4.78	4.78

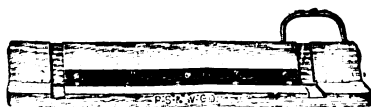
WOOD ROOFING FOLDERS

COMMON

- No. 33C (33)—30 inches Long, Will Form ⅞ inch Locks, Weight Each 14 Lbs.....\$5.76

IMPROVED
With Adjustable Gauge.

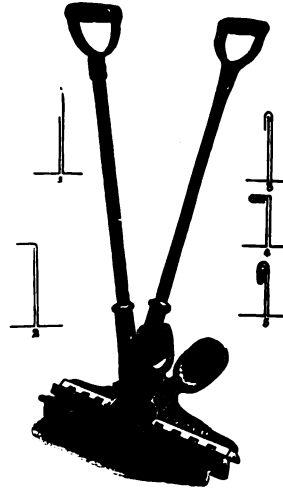
- No. 223 Imp. (223)—30 inches Long, Will Form ⅞-¾ inch Locks, Weight Each 17 Lbs.....\$10.44



No. 33C (33).

Note—No. 223 Imp. is a Special Folder Adjustable for 20 or 30 inch Sheets.

BURRITT'S DOUBLE



Duplex Treadle, for Standing Lock Tin Roofing Only, Fitted for IC Tin.

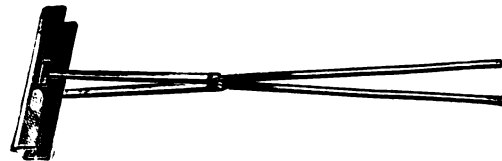
- No. 742—Common Gauge, Length Over All 30 inches, Length of Jaws 14¾ inches, Wrought Iron Pipe Handles, Weight Per Set 40 Lbs.....\$29.50
- No. 742½—Wide Gauge, Length Over All 30 inches, Length of Jaws 14¾ inches, Wrought Iron Pipe Handles, Weight Per Set 40 Lbs..... 29.50

Two Pairs Constitute a Set.

Note—Common Gauge to follow 1 and 1½ inch tongs, finishing a lock ¾ inch high. Wide Gauge to follow 1¼ and 1½ inch tongs, finishing a lock 1 inch high.

Burritt's Double Seamers will do the work more evenly than by any other process. They do not crimp the tin, leaving the locks of uniform height.

GUTTER TONGS

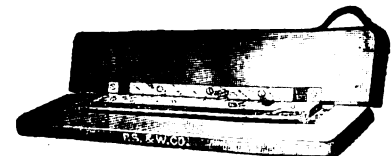


- No. 777—Length of Handles 24½ inches, Length of Blades 12½ inches, Width of Blades 1¾ inches, Depth of Jaws 14 inches, Weight Each 10 Lbs....\$6.66

ROOFING DOUBLE SEAMERS



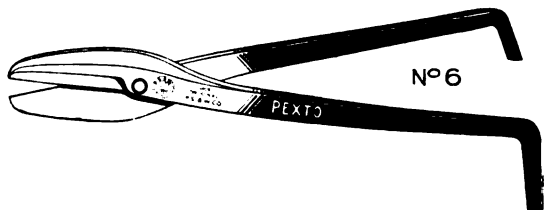
- No. 745 (4)—1x1¼ inches, to Match 1¼x1½ inch Roofing Tongs, Weight Per Set 19 Lbs.....\$2.88
- No. 746 (4)—1¼x1½ inches, to Match 1½x1¾ inch Roofing Tongs, Weight Per Set 22 Lbs..... 2.88
- These Seamers are used for laying standing seam roofing by hand, following the Roofing Tongs.



No. 223 Imp. (223).

TINNERS' TOOLS

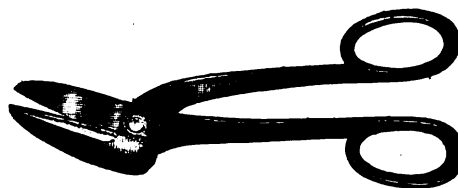
BENCH SHEARS



Forged Best Norway Iron, Steel Laid Blades, Black Finished
Handles, Polished Head.

Nos.	0	1	2	3	4
Length, Inches	42 1/2	39	37	31	30
Cut, Inches	10 1/2	9	8 3/4	7 5/8	7 3/8
Weight Each, Lbs.	30	24	19	13	12
Each	\$22.78	15.20	13.32	12.24	11.44

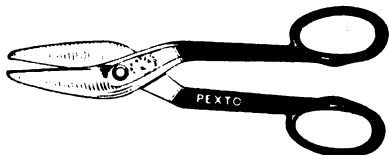
HAND SLITTING SHEARS



Forged from Solid Steel, Steel Laid Jaws, Properly Tempered.
Each

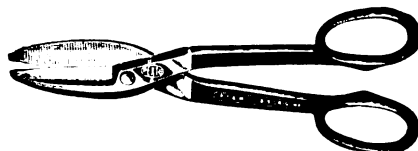
No. 42—13 1/2 inches Long Over All, 3 inch Cut, Weight	
Each 2 Lbs. 10 Ozs.	\$4.80
The lower jaw is relieved to allow the material to slide back freely, allowing the operator to cut large sheets, without injury to the hands. Especially adapted to cutting corrugated sheets.	

LYON



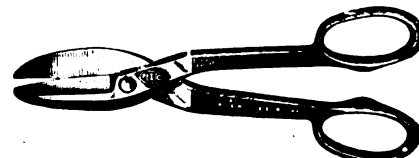
Forged Blued Handles, Steel Blades,
Polished Head, for Cutting Scrolls
and Circles.

No.	170
Length, Inches	14
Cut, Inches	3 1/2
Will Cut Iron, No.	25
Weight Each, Lbs.	2 1/2
Each	\$4.00

HAND SHEARS OR SNIPS
P. S. & W. CO.'S STRAIGHT
Original 1819.

Forged Best Norway Iron, Steel Laid
Blades, Blued Handle, Polished
Head.

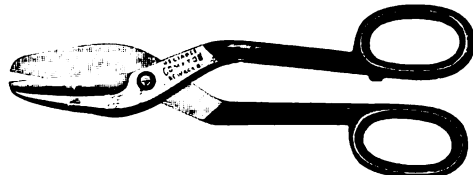
Nos.	6 1/2	7	8	9	10
Length, In.	15 3/4	14 1/4	13 1/2	12	11
Cut, In.	4 1/4	3 7/8	3 1/2	3	2 1/2
Will Cut Iron					
No.	24	25	26	27	28
Wt. Ea., Lbs.	3 1/2	2 7/8	2 1/4	1 3/4	1 1/8
Each	\$4.56	3.80	3.04	2.28	2.14

P. S. & W. CO.'S CIRCULAR
Original 1819.

Forged Best Norway Iron, Steel Laid
Blade, Blued Handles, Polished
Head.

Nos.	C7	C8	C9	C10
Length, In.	14 1/4	13 1/2	12	11
Cut, In.	4	3 1/2	3	2 1/2
Will Cut Iron				
No.	25	26	27	28
Wt. Each, Lbs.	2 7/8	2 1/4	1 3/4	1 1/8
Each	\$5.32	4.56	3.80	3.44

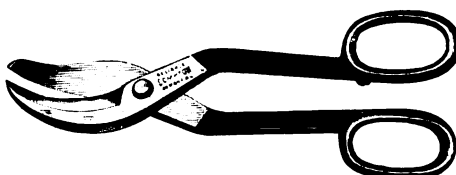
FRANKFURTH STRAIGHT



Drop Forged Steel, Tool Steel Laid
Blade, Blue Finish Handles, Polished
Head.

Nos.	7F	8F	9F	10F
Length, In.	14	13	12	11
Cut, Inches	4	3 1/2	3	2 1/2
Wt. Each, Lbs.	2 3/4	2	1 3/4	1 1/8
Each	\$3.34	2.66	2.00	1.88

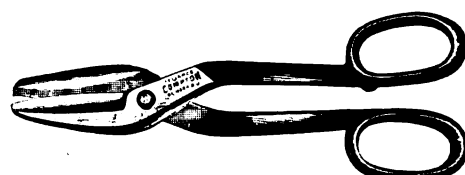
FRANKFURTH CIRCULAR



Drop Forged Steel, Tool Steel Laid
Blades, Blue Finish Handles,
Polished Head.

Nos.	7CB	8CB	9CB	10CB
Length, In.	14	13	12	11
Cut, Inches	4	3 1/4	3	2 1/2
Wt. Each, Lbs.	2 3/4	2	1 3/4	1 1/8
Each	\$4.08	4.00	3.34	3.00

FRANKFURTH'S COMBINATION



Drop Forged Steel, Tool Steel Laid
Blades, Blue Finish Handles,
Polished Head.

No.	110F
Length, Inches	11
Cut, Inches	2 1/2
Weight Each, Lbs.	1 1/8
Each	\$3.34

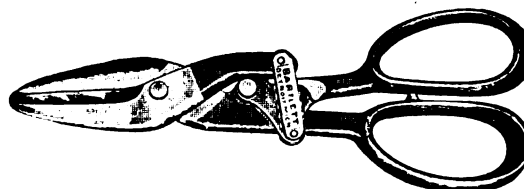
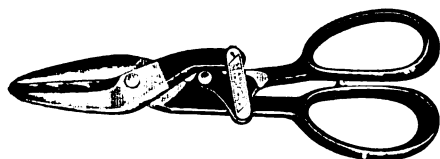
The Frankfurth Tinners' Snip Handles are properly proportioned and the Bows shaped to fit the hand; the leverage obtained by being well balanced, increases the cutting power, and takes all strain from the wrist, allowing constant use without fatigue.

Note—We can furnish Nos. 8 and 9 Snips made for left-handed men at an extra cost of 50 cents each, net.

FRANKFURTH'S SNIPS ON DISPLAY BOARDS

Frankfurth's Display Board—Consists of One Each Nos. 9F, 10F, 11F, 12F and 110F Snips, Complete with Board.....**\$9.40** Each

BARTLETT'S COMPOUND LEVER.



Drop Forged High Grade Crucible Tool Steel, Tempered Throughout, Polished Blades, Japanned Handles.

No.	10B	Nos.	12B	14B
Length, Inches	10 1/2	Length, Inches	12	14
Cut, Inches	2 1/2	Cut, Inches	3	3 1/2
Weight Each	1 Lb. 2 1/2 Oz.	Weight Each	1 Lb. 14 Oz.	2 Lbs. 9 Oz.
Each	\$3.60	Each	\$4.80	5.60

The compound lever action gives an evenly distributed cutting strain from a close throat start to the finish at the point of the blade. On all sizes there are two straps or links connecting the handle and blade, one on either side, firmly riveted together, making a solid frame, giving perfect control of the blades; with them notching becomes an easy task.

TINNERS' TOOLS

HAND SHEARS OR SNIPS

WISS

REGULAR PATTERN



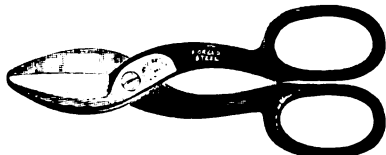
Forged Steel, Crucible Steel Laid Blade, Polished Blades,

Japanned Handles.						
Nos.	7	8	9	10	11	12
Length, Inches....	14 1/2	13 3/4	12 1/2	11 1/2	9 1/2	8
Cut, Inches.....	4	3 1/2	3	2 1/2	2 1/4	2
Wt. Each, Lbs....	2 1/2	2	1 3/4	1 1/4	1	1/2
Each	\$3.50	2.80	2.10	1.96	1.68	1.40

Wiss Snips are Superior in Quality and Construction, in Shape, in Cutting Edge, in Strength, in Tests and in Finish. The Blades are perfectly shaped, with points made strong and the handles formed so that they will not tire the hand even after continuous use.

Snips with Left Handles—Regular, Circular Blade, and Combination Snips, 50 Cents Per Pair Extra.

POCKET

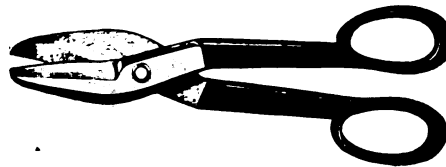
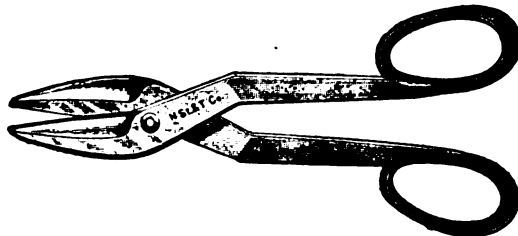


Drop Forged Special Cutlery Steel, Carefully Hardened and Tempered Edges, Polished Blades, Japanned Handles.

No. 35—7 inches Long, 2 inch Cut, Weight Each 8 Oz. ... Each \$1.00
Will cut metal, wire cloth, rope, sheet packing, leather, oil cloth, linoleum, carpets, etc.

BUFFALO COMBINATION

AJAX STRAIGHT



Drop Forged, Steel Laid Blades, Polished Blades, Japanned Handles.

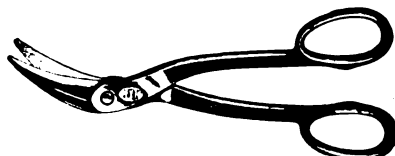
Nos.	17	18	19
Cuts, Inches....	4	3 1/2	3
Wt. Each, Lbs....	2 5/8	2 1/4	1 1/2
Each	\$3.34	2.68	2.00

For cutting scrolls and circles, as well as straight lines.

Cast, Carefully Made, Chilled Edges, Polished Blades, Black Enameled Handles.

No. A2 1/4—11 inches Long, 2 1/2 inch Cut, Weight Each 19 Ozs. Per Dozen \$6.00

HAWK'S BILL CIRCULAR



Forged from Best Material, Narrow Steel Blades, Polished Head, Blued Handles.

No. 15—11 1/4 inches Long, 3 inch Cut, Will Cut No. 28 Iron, Weight Each 1 1/4 Lbs. Each \$4.80

The blades being unusually narrow, are highly valuable for cutting openings in pipe or cylinders of every description for furnace jackets, thimbles, tee joints, etc.

FURNACE



Drop Forged Steel, Checkered Handles, Carefully Tempered and Highly Polished.

No. 333—8 inches Long, Weight Each 8 Lbs. Each \$1.00
When not in use they can be closed automatically by pressing the handles together.

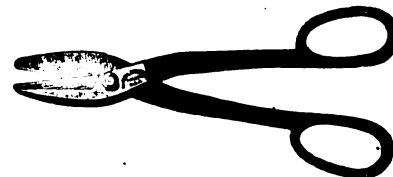
CIRCULAR BLADE



Forged Steel, Crucible Steel Laid Blade, Polished Blades,

Japanned Handles.				
Nos.	7CB	8CB	9CB	10CB
Length, Inches....	14 1/2	13 3/4	12 1/2	11 1/2
Cut, Inches.....	4	3 1/2	3	2 1/2
Wt. Each, Lbs....	2 1/2	2	1 3/4	1 1/2
Each	\$4.90	4.20	3.50	3.15

TIGER STRAIGHT



Drop Forged Solid Tool Steel, Carefully Hardened, Tempered and Ground, Polished Blades, Japanned Handles.

No. 22—12 inches Long, 3 1/4 inch Cut, Weight Each 22 Ozs. Each \$1.40

HOUSEHOLD



Drop Forged Steel, Steel Laid, Japanned Handles.

No. 111—10 inches Long, 2 1/2 inch Cut, Weight Each 14 Ozs. Each \$1.20
Cuts tin, poultry netting and silk equally well, and retains a sharp cutting edge.

BERRIDGE DOUBLE CUTTING SHEARS



With Pipe Crimper.

Forged from High Grade Steel, Carefully Tempered and Hardened, Polished Head, Black Finish Handles.

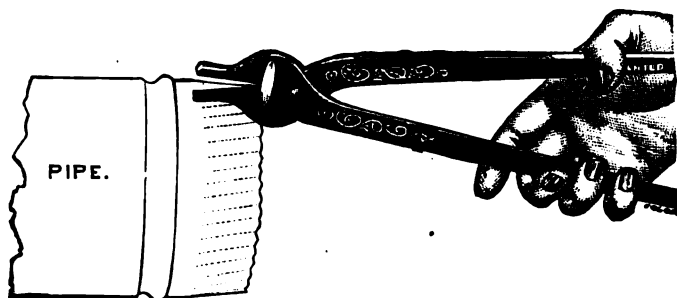
No. 2—13 1/2 inches Long, Weight Each 2 1/4 Lbs. Each \$5.50

They are adapted to cutting off the bottoms of pails, cans, etc., and suitable for cutting round or square work. The crimping attachment is designed for crimping any kind of sheet metal, pipe, round or square. The parts are interchangeable and the crimping jaws are of steel.

TINNERS' TOOLS

CRIMPING TONGS

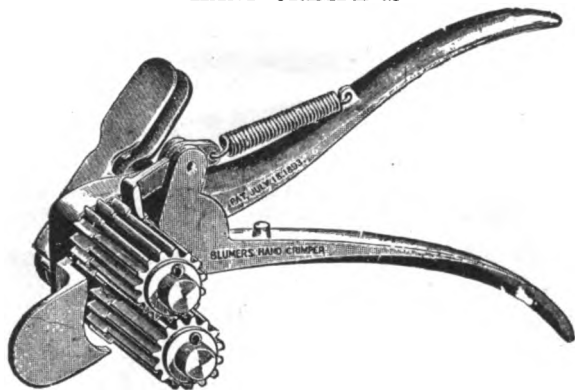
PACKHAM'S



Packham's Patent Pipe and Metal Crimper.

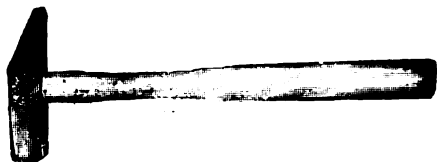
No. 4—13 1/2 inches Long, Weight Each About 1 1/2 Lbs. Each \$1.20

HAND CRIMPERS



No. 8—Rotary, 9 inches Long, Crimps 1 inch, Can be Used on 24 Gauge Tin or Sheet Iron. Each \$5.00

SETTING HAMMERS.

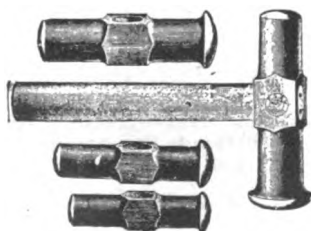


Plain Eye, Forged High Grade Crucible Steel, Carefully Hardened and Tempered, Full Polished, Selected Second Growth Hickory Handle.

Nos.	1	2	3	4
Face, Inches, Square	1 1/2	1	7/8	3/4
Weight, Each	1 1/2 Lb.	18 Oz.	14 Oz.	10 Oz.
Per Dozen	\$19.68	16.80	13.68	10.80

One-half Dozen in a Box.

RAISING HAMMERS

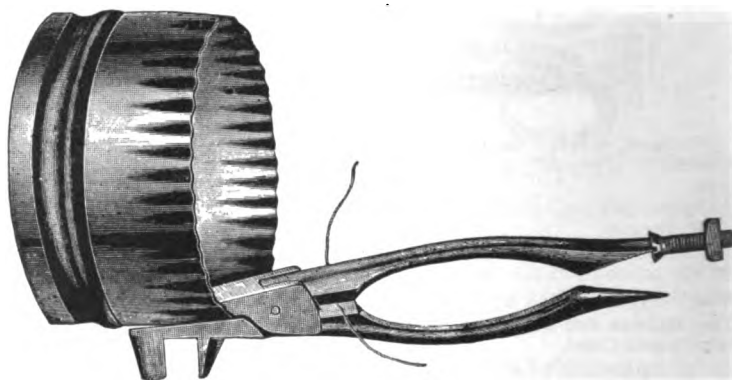


Cast Steel, Handled.

Nos.	1	2	3
Face, Inches	2 1/4 x 1 3/4	2 x 1 1/2	1 5/8 x 1 3/8
Weight Each, Lbs.	5 1/8	3 3/4	2 1/4
Each	\$4.32	3.34	2.44

Extra Handles—For Raising Hammers. \$2.25

HALL'S



Hall's Patent Pipe and Metal Crimper.

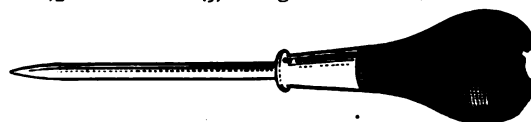
No. 6—Combined Scratch Awl, Screw Driver, Wire Cutter, Wrench, Hammer, Pinchers and Stove Pipe Crimpers Each \$0.60

SCRATCH AWLS



Forged from High Grade Steel, Hardened Points.

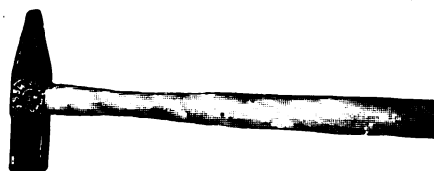
No. 01—8 1/2 inches Long, Weight Per Dozen 1 Lb. Per Dozen \$2.40



Stanley Hurwood.

No. 8—7 1/2 inches Long Over All, 3 3/4 inch Tempered Steel Blade, 1/4 inch Diameter Needle Point, Blade, Shank and Head Formed of One Piece of Steel, Polished Steel Ferrule, Black Stained Wood Handle, Weight Per Dozen 3 1/2 Lbs. \$4.00

TINNERS' RIVETING HAMMERS



Plain Eye, Forged High Grade Crucible Steel, Carefully Hardened and Tempered, Full Polished, Selected Second Growth Hickory Handle.

Nos.	1R	2R	3R	4R
Face, Inches, Square	1 1/2	1	7/8	3/4
Weight, Each	1 1/2 Lb.	18 Oz.	14 Oz.	10 Oz.
Per Dozen	\$19.68	16.80	13.68	10.80

One-half Dozen in a Box.

RIVET SETS AND HEADERS



No. 46—High Quality Forged Steel, Gun Metal Finish.

Size, Nos.	00	0	1	2	3
Length, Inches	5 1/2	5 1/2	5	5	4 1/2
For Iron Rivets, Lbs.	14	10-12	7-8	6	4-5
For Copper Rivets, Nos.	..	5	6	7	8
Weight Per Dozen, Lbs.	10 1/2	10 1/2	7	7	5
Each	\$1.50	1.50	1.26	1.26	1.00

Size, Nos.	4	5	6	7	8
Length, Inches	4 1/2	4 1/4	4 1/4	4 1/4	4 1/4
For Iron Rivets, Lbs.	2 1/2-3	1 3/4-2	1 1/2	1-1 1/4	5/8-3/4
For Copper Rivets, Nos.	9	10	12	13	14
Weight Per Dozen, Lbs.	5	3 1/2	3 1/2	3	3
Each	\$1.00	.74	.74	.64	.64

00 to 2, One-sixth Dozen; Balance, One-half Dozen in a Box.

TINNERS' TOOLS

HAND GROOVERS



Forged Steel, Black Finish, Tempered and Polished Head.

Nos.	00 & 0	1 & 2	3 & 4
Groove, Inches.	$\frac{1}{8}$ - $\frac{3}{8}$	$\frac{1}{4}$ - $\frac{1}{2}$	$\frac{3}{4}$ - $\frac{7}{8}$
Wt. Each, Lbs.	1/6	1/6	$\frac{3}{8}$
Each	\$1.30	1.10	.90

Nos.	5 & 6	7 & 8
Groove, Inches.	$\frac{3}{4}$ - $\frac{1}{2}$	$\frac{1}{4}$ - $\frac{3}{4}$
Wt. Each, Lbs.	$\frac{3}{4}$	$\frac{3}{4}$
Each	\$0.70	.70

One-half Dozen in a Box.

LANTERN CHISELS



Cast Steel.

No. 1— $\frac{1}{2}$ x $\frac{5}{8}$ inches	Each
No. 2—1 x $\frac{5}{8}$ inches	Each
No. 1, One Dozen; No. 2, One-half Dozen in a Package.	\$0.18
	.30

STEEL CIRCUMFERENCE RULES



No. 95—1 $\frac{1}{4}$ inch x 16 Gauge, 3 feet, One Side Circumference Rule, Opposite Side Table of Measurements, Nickel Plated. . \$5.00
Very useful for obtaining circumferences of circles by simply measuring the diameter. As shown in cut the top edge is graduated with 16ths of inches. The bottom edge with what, for convenience, is called "circumference inches," into 8ths. The divisions of this edge, compared with the opposite edge, bears the same ratio inversely to each other as the diameter of a circle to its circumference. Therefore, opposite the first inch on top edge is read on the lower edge 3 and the fraction representing 0.1416 inches.

IDEAL HOUSEHOLD

SOLDERING SETS

GEM



Per Dozen Sets

No. 56 Set—Consists of 1 Octagon Soldering Copper, 1 Box of Powdered Rosin, 1 Stick of Triangular Solder, 1 Scraper and Tin for Tinning Copper, Put up in a Heavy Pasteboard Box with Full Directions, Weight Per Dozen 10 Lbs. \$6.00

SOLDERING COPPERS

Square Point, Forged Drawn Copper Bolts, for General Use.

Nos.	1	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3
Weight Per Pair, Lbs.	1	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3
Per Pound .....	\$....	....	....	....	....

Nos.	4	5	6	8
Weight Per Pair, Lbs.	4	5	6	8
Per Pound .....	\$....	....	....	....



Flat Point, Forged Drawn Copper Bolts, for Bottoms, Etc.

Nos.	3	4	5	6	8
Weight Per Pair, Lbs.	3	4	5	6	8
Per Pair .....	\$....	....	....	....	....

TINNERS' PUNCHES



Forged Steel.

In Sets.

Per Set

No. 50 Set—Consists of One Each
No. 0, .305 inch Diameter;
No. 4, .213 inch Diameter;
No. 8, .128 inch Diameter,
Solid Punches; One Prick
Punch; One $\frac{1}{4}$ inch Wire
Chisel, and One $\frac{1}{2}$ x $\frac{3}{8}$ inch
Lantern Chisel \$1.50

HOLLOW PUNCHES



Forged Steel.

Size $\frac{3}{8}$ inch Up to and Including 1 $\frac{1}{2}$ inches.

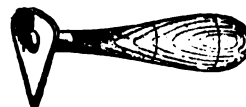


Wrought Shank.

Sizes Larger than 1 $\frac{1}{4}$ inches Up to 3 $\frac{1}{2}$ inches.

Per Inch
 $\frac{3}{8}$ to 3 inches \$2.00
Larger than 3 inches to 3 $\frac{1}{2}$ inches 2.34

PLUMBERS' SCRAPERS



Steel Blade, Wood Handle.

No. 11—5 inches Long, Weight Per Dozen 2 Lbs. \$5.00
One Dozen in a Package.

Per Dozen

Each

No. 1 Set—Consists of 1 Bar of Solder, 1 Box of Rosin, 1 Scraper and a Soldering Copper of Sufficient Size to Retain the Heat, Put up in a Wooden Box, Weight Per Dozen Sets 12 $\frac{1}{2}$ Lbs. \$15.00
The Soldering Copper may be used as an ordinary copper or when attached to a gas burner, the gas passes through a hollow tube within the length of the handle, and is ignited at emission holes immediately beneath the copper.



Per Dozen Sets

No. 1 Set—Consists of 1 Bar of Solder, 1 Box of Rosin, 1 Scraper and a Soldering Copper of Sufficient Size to Retain the Heat, Put up in a Wooden Box, Weight Per Dozen Sets 12 $\frac{1}{2}$ Lbs. \$15.00
The Soldering Copper may be used as an ordinary copper or when attached to a gas burner, the gas passes through a hollow tube within the length of the handle, and is ignited at emission holes immediately beneath the copper.

SOLDERING SALTS

The Original Yager's Twice Improved.

A chemically pure flux in the form of a dry salt, made of the purest raw materials which makes the best flux for soldering tin, copper, brass, iron or steel, one to the other. It makes the joints stronger than the metal. Can be used in any climate or weather.



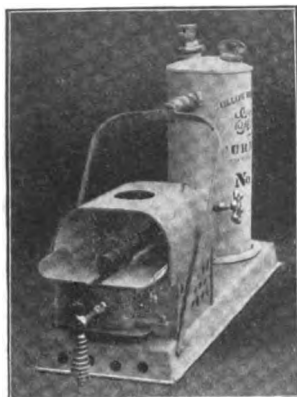
Each
 $\frac{1}{2}$ Lb. Bottle \$0.80
1 Lb. Bottle 1.20
5 Lb. Bottle 5.30

$\frac{1}{2}$ and 1 Pound, One-half Dozen Bottles in a Box; 5 Pound Bottles, Open Stock.

SOLDERING FURNACES

FOR GASOLINE

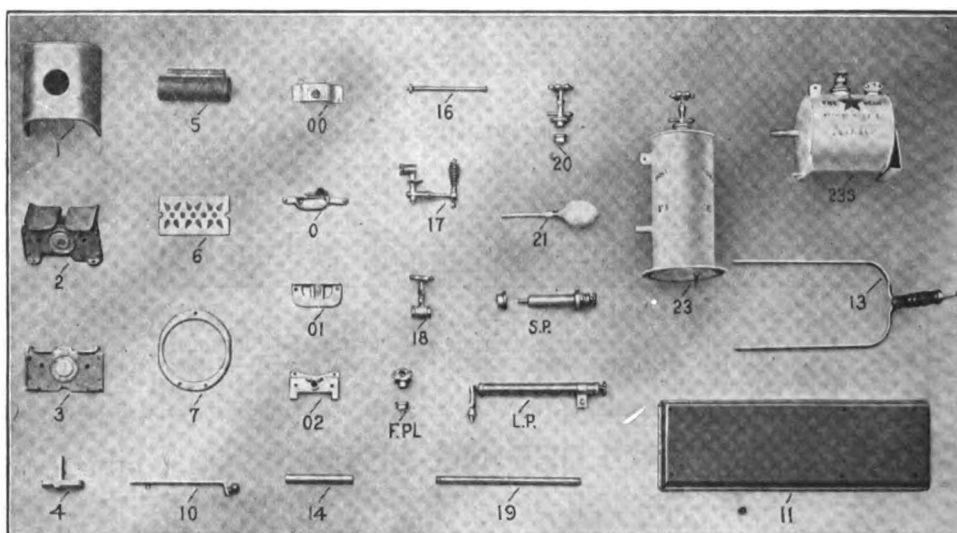
GEM



Equipped with Leakless Brass Pump which is soldered into top of heavy reservoir, and which will give all the pressure desired. This reservoir has an arched bottom, heavily reinforced. Has Cylindrical Slotted Cast Iron Burner, Cast Iron Hood with improved self-balancing handle, Generator and Drip Cup. The Cylindrical Slotted Cast Iron Burner is recessed in front and back, thoroughly bolted which insures strength. The heat is distributed full length of the Coppers. Noiseless and odorless in operation.

	Each
No. 3-GP—Galvanized Steel Reservoir, with Pump, Capacity 3 Quarts, Size 20 ½ x 7x15 inches High, Hood 7x5 ½ x3 inches High, Burner 4 ¼ x1 ¾ inches, Pump ¾ x4 ½ inches Long, Length Over All 6 inches, Weight Each 22 ½ Lbs.....	\$12.60
No. 3-BP—Brass Reservoir, with Pump, Otherwise Same as No. 3-G.....	14.75

LIST OF REPAIRS FOR THE GEM GASOLINE SOLDERING FURNACE



	Each
No. 00—Chimney, Screen Protecting Drip Cup, Weight 2 Oz.....	\$0.05
No. 0—Drip Cup, Part that Holds Gasoline, Weight 1 Lb.....	.25
No. 01—Supporting Bottom, Part Supporting Drip Cup, Weight 1 Lb.....	.10
No. 02—Bracket, Part Supporting Bottom is Bolted to, Weight 1 Lb.....	.10
No. 1—Hood, Part that Covers the Soldering Copper, Weight 2 Lbs.....	.40
No. 2—Front Resting Plate, Part that Soldering Coppers Rest On, Weight 2 Lbs.....	.40
No. 3—Back Resting Plate, Part that Points of Soldering Coppers Rest On, Weight 1 Lb.....	.30
No. 4—Drip Cup, Old Style, Part that Holds the Oil for Heating Generator Valve in Starting, Weight 1 Lb.....	.20
No. 5—Cylinder or Slotted Burner, Cylindrical Slotted Part that Supplies the Flame, 5 ½ inches Long, Weight 2 Lbs...	.75
No. 6—Side Pieces, Parts Supporting Furnace and Protecting Flame, Weight 1 Lb.....	.10
No. 7—Ring, Iron Part Around Bottom of Reservoir, Attached to Base, Weight 1 Lb.....	.10
No. 10—Slide Rod, Old Style, Part that Drip Cup Slides on, Weight 4 Ozs.....	.07
No. 11—Steel Base, Part that Furnace and Reservoir Rest on, Weight 3 Lbs.....	.50
No. 18—Handle, Malleable Iron to Support Reservoir and Carry Furnace, Weight 1 Lb.....	.50
No. 14—Mixing Tube, Conveys Gas from Needle Point to Mixing Chamber, Weight 2 Ozs.....	.15
No. 16—Bolts, For Bolting Front and Back Resting Plate Together, Length 6 ¼ inches, Weight 4 Ozs., 2 (Two) for....	.10
No. 17—Generator Valve, Valve that Regulates and Generates the Gas, Weight 1 Lb.....	1.00
No. 18—Oil Faucet, Valve that Goes Between Furnace and Reservoir, Weight 1 Lb.....	.70
No. 19—Generating Pipe, Pipe that Fits in Furnace Over Slotted Burner, Drawn Steel Tubing, Weight 1 Lb.....	.50
No. 20—Air Faucet, Brass Casting that Screws on Top of Reservoir, Weight 1 Lb.....	.85
No. 21—Patent Rubber Bulb and Tube, Part Fits on Tube of Air Faucet for Supplying Pressure, Weight 4 Ozs.....	.60
No. 22—Rubber Valve, Part that Works in Metal Coupling of Bulb—are Lost Occasionally, Weight 1 Oz., 2 for.....	.05
No. 23—Galvanized Iron Reservoir, Tank that Holds the Gasoline. These Prices Include Air Faucet and Pipes, Excluding Rubber Bulb, Ready to Fill Oil Faucet, Weight 5 Lbs.....	3.00
No. 23-P—Galv. S. Res., for No. 3 Gem, Including Leakless Pump and Filler Plug, Weight 6 Lbs.....	3.50
No. 24 —Copper Reservoir, Including Air Valve, Weight 6 Lbs.....	4.00
No. 24-P—Copper Reservoir, Including Pump and Filler Plug, Weight 6 Lbs.....	4.50
Plumber's Lead Pot, Weight 6 Lbs.....	.50
Plumber's Hood, Weight 4 Lbs.....	.50
F. Pl.—Filler Plug and Collar, For Top of Reservoir, Weight 1 Lb.....	.30
S. P.—Small Pump and Collar, Goes into Top of Reservoir, Weight 1 Lb.....	1.00
L. P.—Large Pump and Bracket, Goes Outside Reservoir of No. 11 Gem, Weight 1 Lb.....	1.50

GASOLINE FIRE POTS



Seamless Drawn Steel Tank, Swiveled Burner, Welded Fittings, Removable Top. Each

No. 5—Capacity 5 Pints, 12 1/2 inches High, 8 1/4 inches Diameter at Base, 6 inches Diameter at Top, Heats a Pair of 8 Lb. Soldering Coppers and a 5 inch Pot of Lead or Solder at the Same Time, Shipping Weight Each 10 1/4 Lbs. \$10.40

The swiveled burner permits of moving the flame up or down. Fitted with cleanout plugs, thus being easily kept clean. By removing the top section, the base may be used as a torch or brazing fire, enabling the user to accomplish any work any torch will do.

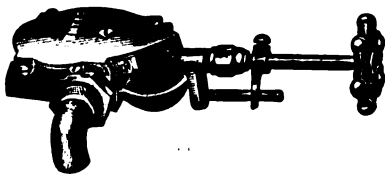
REPAIR PARTS FOR No. 5 GASOLINE FIRE POT



Sheet and Malleable Iron Top.



Base, with Burner and Swivel.



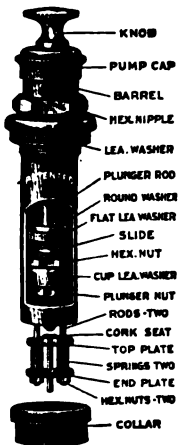
Burner and Swivel.



Swivel.

Burner and Swivel	Each
Burner Only	\$4.00
Swivel Only	3.00
Air Valve	1.00
Filler Plug Only	.60
Sheet and Malleable Iron Tops	.40
Base with Burner and Swivel	3.60
	8.00

STYLE-B PUMP



Pump Complete Each \$1.28
REPAIR PARTS FOR STYLE B PUMP

KNOB	Knob or Button	Each	\$0.10
PUMP CAP	Pump Plunger Complete		.50
BARREL	Pump Bottom		.50
HEX. NIPPLE	Pump Cap		.10
BARREL	Barrel		.60
LEA. WASHER	Round Washer, Metal		.02
PUNGER ROD	Flat Leather Washer		.02
ROUND WASHER	Slide Complete		.25
FLAT LEA. WASHER	Hexagon Nut, Large		.02
SLIDE	Cup Leather Washer		.08
HEX. NUT	Plunger Nut		.02
CUP LEA. WASHER	Hexagon Nipple		.25
PUNGER NUT	Leather Washer for Nipple		.02
RODS-TWO	Check Valve Rods (Two)		.03
CORK SEAT	Check Valve Cork Seat		.02
TOP PLATE	Check Valve Top Plate		.10
SPRINGS-TWO	Check Valve Springs (Two)		.03
END PLATE	Check Valve End Plate		.08
HEX. NUTS-TWO	Check Valve Hexagon Nuts (Two)		.03
COLLAR	Collar		.15

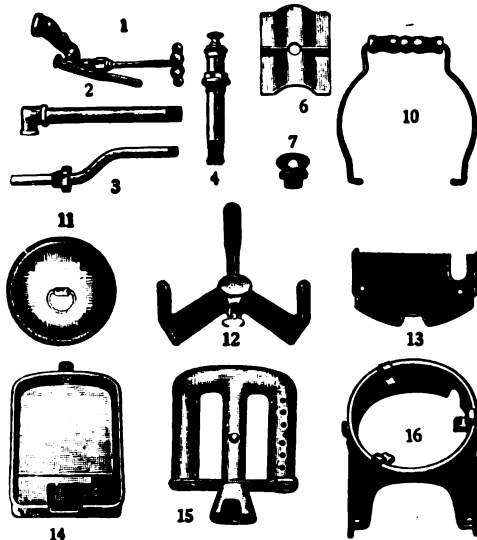


Seamless Drawn Steel Tank, Large Funnel and Filler, Automatic Brass Pump. Each

No. 71—Capacity 7 Pints, 12 1/2 inches High, 9 3/4 inches Diameter at Base, 6 1/2 inches Diameter at Top, Will Heat a Pair of 12 Lb. Soldering Coppers and a Pot of Lead or Solder at the Same Time, Shipping Weight Each 14 1/4 Lbs. \$13.60

The burner has two heating surfaces. The gas is superheated before it is burned, producing intensely hot blue flames burning from each side to the center. A sub-flame for the generator allows the heating flame to be turned low, and the maximum heat can be had at a moment's notice.

REPAIR PARTS FOR No. 71 GASOLINE FIRE POT



No. 1—Wheel Handle, Needle, Stuffing Box, Generator and Slide	Each	\$1.35
No. 2—Generator Pipe, 1/4 in. and Elbow, 1/4 x 1/2 inch.		.30
No. 3—Feed Pipe, 1/8 inch, and Nut		.55
No. 4—Pump		.75
No. 5—Pump Collar		.15
No. 6—Flame Plate		.15
No. 7—Filler Plug		.20
No. 8—Filler Plug Collar		.20
No. 9—Filler Plug Washer		.01
No. 10—Ball Handle		.15
No. 11—Hood Cover		.35
No. 12—Spider		.70
No. 13—Hearth Rest		.35
No. 14—Hearth Plate		.70
No. 15—Burner Plate Tubes and Plugs		1.60
No. 16—Hood		1.50
No. 17—Slip Nut for Feed Pipe		.20
No. 18—Generator Wire		.05
No. 19—Oil Slide		.05
No. 20—Tank Complete		2.70

MELTING LADLES



Heavy Malleable Iron Bowl and Handle.

Nos.	3	4	5	6
Size of Bowl, Inches	3	4	5	6
Per Dozen	\$2.30	3.20	5.00	5.70

BLOW TORCHES

GASOLINE



No. 47—Capacity 1 Pint, Polished Brass, Shipping Weight Each 3 $\frac{3}{4}$ Lbs.\$10.56
Oblong in shape, 1 $\frac{7}{8}$ inches thick, 5 inches long and 8 inches high over all. Especially adapted to the requirements of automobile users, electricians and repair men, as it can be easily carried in any tool kit. Hinged supports at the base prevent tipping over. Can be used in small space and for close work where a round tank torch could not be used to advantage.



No. 31—Capacity 1 Quart, Polished Brass, Shipping Weight Each 4 $\frac{1}{4}$ Lbs.\$9.12
Has no equal where intense heat is desired. Produces a perfect fire, whether used indoors or out, in windy or zero weather. Fitted with automatic brass pump in tank, the check valve of which insures abundant air pressure at all times. Uses but little gasoline. Every desired adjustment is quickly made.



No. 32—Capacity 1 Quart, Polished Brass, Shipping Weight Each 4 $\frac{1}{4}$ Lbs.\$9.60
Exactly like No. 31, except that it has hook and support to hold a soldering copper, a great convenience to repair men. The burner, which is made of special generator metal, retains the heat longer, and greatly aids in producing an intensely hot blue flame.



No. 37—Capacity 1 Pint, Polished Brass, Shipping Weight Each 2 $\frac{3}{4}$ Lbs.\$8.16
Fitted with improved burner which protects the gas or vapor from the wind or cold, as the orifice through which the gas passes is shielded by the burner tube, thus making it possible to keep the flame blue. Has patent automatic air pump with check valve.



No. 107—Capacity 1 Quart, Polished brass, Shipping Weight Each 4 Lbs.\$7.68
Light and well balanced. The burner is made of bronze metal and fitted with wood handle, produces a steady blue flame of intense heat. Fitted with patent automatic brass pump having double springs, forming the handle.



No. 108—Capacity 1 Quart, Polished Brass, Shipping Weight Each 4 Lbs.\$8.16
Exactly like No. 107, except that it has hook and support to hold a soldering copper, a great convenience to repair men. The burner produces a steady blue flame of intense heat. A patented automatic brass pump with double springs forms the handle.

GASOLINE



No. 112—Capacity 1 Quart, Polished Brass, with Detachable Soldering Copper Attachment, Shipping Weight Each 4 $\frac{1}{4}$ Lbs.\$7.68



No. 114—Capacity 1 Pint, Polished Brass, with Detachable Soldering Copper Attachment, Shipping Weight Each 3 Lbs.\$7.20

These are good torches for medium and ordinary work. The burner is made of bronze metal, with metal wheel handle and heavy stuffing box on needle, which prevents leakage. The tank is made of heavy brass and will give the user good results.

KEROSENE



No. 96—Capacity 1 Quart, Polished Brass, Complete with Cleaning Needle, Shipping Weight Each 3 $\frac{3}{4}$ Lbs.\$10.56
The burner produces an intensely hot, clear blue flame, about 6 inches long, generating sufficient heat to quickly melt a $\frac{1}{4}$ inch copper rod. Fitted with automatic brass pump, by means of which ample air pressure is secured.

DEPARTMENT NO. 8

CUTLERY AND SILVERWARE

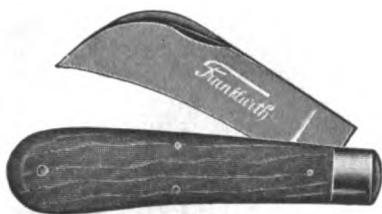
POCKET KNIVES, RAZORS, RAZOR STROPS AND
HONES, LATHER BRUSHES, TOILET AND HORSE
CLIPPERS, CLIPPING MACHINES, SHEEP SHEARS,
SHEARS AND SCISSORS, MANICURE SETS,
MANICURE FILES AND TWEEZERS, TABLE
KNIVES AND FORKS, CARVERS, TABLE AND
BUTCHERS' STEELS, BUTCHER KNIVES, PUTTY
KNIVES, FARRIERS' KNIVES, SILVER PLATED
WARE, SPOONS, CUT GLASS, SILVER PLATED
HOLLOW WARE, SILVER PLATED TOILET SETS,
SMOKING SETS, SMOKING STANDS, LIGHT
FIXTURES, FLOOR AND TABLE ELECTRIC
LAMPS, KEY CHAINS AND RINGS, MATCH
SAFES, CLOCKS AND WATCHES

Wm. Frankfurth Hardware Co.

MILWAUKEE

FRANKFURTH POCKET KNIVES

FULLY WARRANTED



No. 1R—Pruning Blade, Glazed,
4 inches, Cocoa Handle, Steel
Lined, Steel Bolster\$11.00

Per Dozen



No. 1219—2 Blades, Glazed, 3 1/2
inches, Ebony Handle, Steel
Lined, Steel Bolster\$6.00

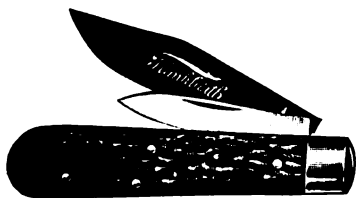
Per Dozen

No. 3219—Same as No. 1219, but
Rosewood Handle 6.00



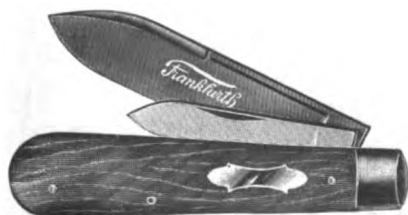
No. 3220—2 Blades, Glazed, 3 1/2
inches, Rosewood Handle,
Steel Lining, Steel Bolster..\$6.00

Per Dozen



No. 8120—2 Blades, Glazed, 3 1/2
inches, Stag Handle, Brass
Lined, Steel Bolster, German
Silver Shield\$7.00

Per Dozen



No. 3217—2 Blades, Glazed, 3 1/2
inches, Ebony Handle, Brass
Lined, Steel Bolster, German
Silver Shield\$7.00

Per Dozen

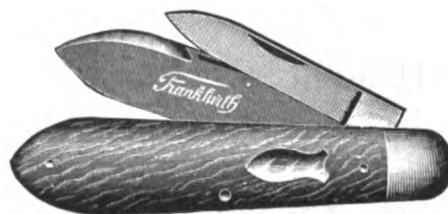


No. 2024.

No. 2025E—2 Blades, Crocus Pol-
ished, 3 1/2 inches, Ebony Han-
dle, Steel Lined, Steel Bol-
ster, German Silver Shield..\$7.50

Per Dozen

No. 2024—Same as No. 2025E, but
Rosewood Handle and Brass
Lined 8.00



No. 2025R.

No. 2025R—2 Blades, Crocus Pol-
ished, 3 1/2 inches, Rosewood
Handle, Steel Lined, Steel
Bolster, German Silver
Shield\$7.50

Per Dozen

No. 1923—2 Blades, Glazed, 3 1/2
inches, Ebony Handle, Brass
Lined, Steel Bolster, German
Silver Shield 7.50

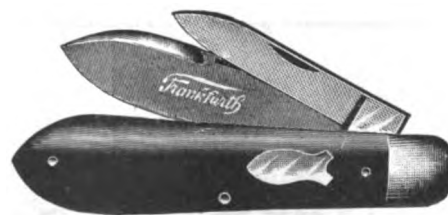
No. 2023—2 Blades, Crocus Pol-
ished, 3 1/2 inches, Ebony Han-
dle, Brass Lined, Steel Bol-
ster, German Silver Shield.. 8.00

Per Dozen



No. 3125—2 Blades, Glazed, 3 1/2
inches, Ebony Handle, Brass
Lined, Steel Bolster, German
Silver Shield, with 17 inch
Chain\$7.00

Per Dozen



No. 2477—2 Blades, Crocus Pol-
ished, 3 1/2 inches, Ebony Han-
dle, Brass Lined, German Sil-
ver Bolster and Shield.....\$9.00

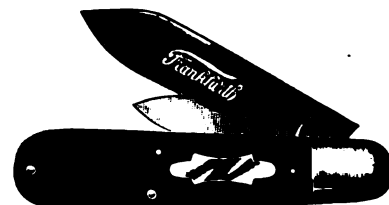
Per Dozen

All Above, One-half Dozen in a Box.



No. 2624—2 Blades, Crocus Pol-
ished, 3 1/2 inches, Ebony Han-
dle Brass Lined, German Sil-
ver Bolster and Shield....\$10.00

Per Dozen



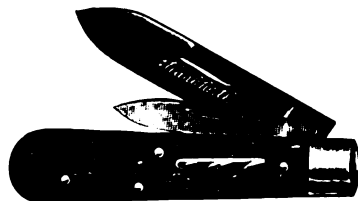
No. 2622—2 Blades, Crocus Pol-
ished, 3 3/4 inches, Cocoa
Handle, Steel Lined, German
Silver Bolster and Shield...\$9.00

Per Dozen



No. 3214—2 Blades, Crocus Pol-
ished, 3 1/2 inches, Ebony Han-
dle, Brass Lined, Steel Bol-
ster, German Silver Shield..\$8.00

Per Dozen



No. 3215—2 Blades, Crocus Pol-
ished, 3 1/2 inches, Stag Han-
dle, Brass Lined, Steel Bol-
ster, German Silver Shield..\$8.00

Per Dozen



No. 2026—2 Blades, Glazed, 3 1/2
inches, Rosewood Handle,
Steel Lined, Steel Bolsters
and Cap, German Silver
Shield\$8.00

Per Dozen

FRANKFURTH POCKET KNIVES

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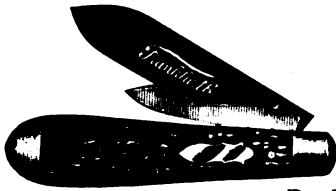


No. 2576—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield\$8.50

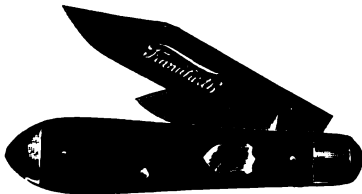


No. 715.

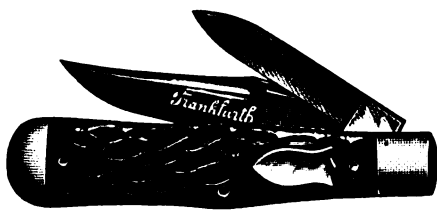
No. 705—2 Blades, Crocus Polished, 3 3/4 inches, Rosewood Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield\$9.00
No. 715—Same as No. 705, but Stag Handle 9.00



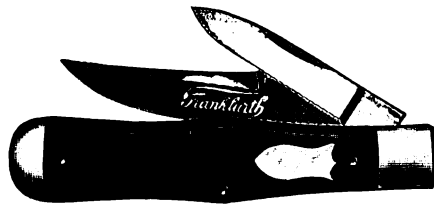
No. 663—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield\$10.00



No. 664—2 Blades, Crocus Polished, 3 3/4 inches, Rosewood Handle, Brass Lined, German Silver Bolster, Cap and Shield\$10.00



No. 1120—2 Blades, Crocus Polished, 3 1/2 inches, Stag Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield\$10.00

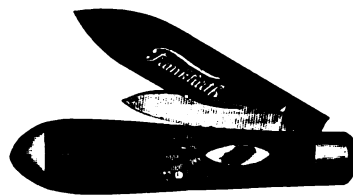


No. 1122.

No. 1122—2 Blades, Crocus Polished, 3 1/2 inches, Rosewood Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield\$10.00
No. 1124—Same as No. 1122, but Large Saber Clip Blade and Ebony Handle 11.00



No. 1123—2 Blades, Crocus Polished, 3 1/2 inches, Ebony Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield\$10.00



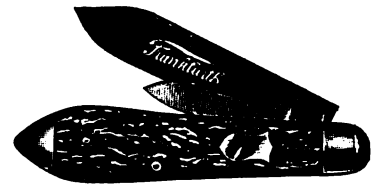
No. 2479.

No. 2478—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield..\$9.50
No. 2479—Same as No. 2478, but Rosewood Handle 9.50

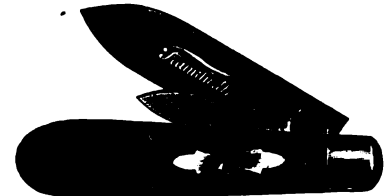


No. 2481—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield..\$9.50

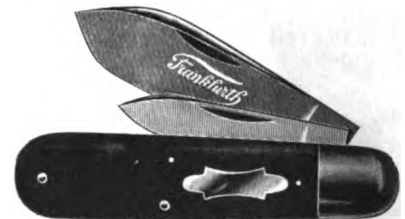
All Above, One-half Dozen in a Box.



No. 2480—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield\$10.00



No. 2096—2 Blades, Crocus Polished, 3 3/4 inches, Rosewood Handle, Brass Lined, German Silver Bolster and Shield....\$9.00



No. 5400—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster and Shield\$10.00



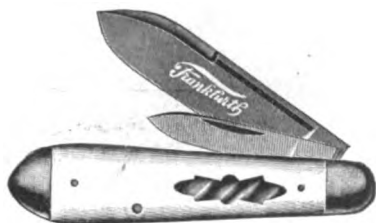
No. 1536—2 Blades, Crocus Polished 3 3/4 inches, White Bone Handle, Brass Lined, German Silver Bolster and Shield\$11.00



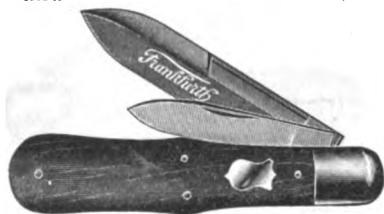
No. 2586—2 Blades, Crocus Polished, 3 3/4 inches, Red Bone Handle, Brass Lined, German Silver Bolster and Shield\$11.00

FRANKFURTH POCKET KNIVES

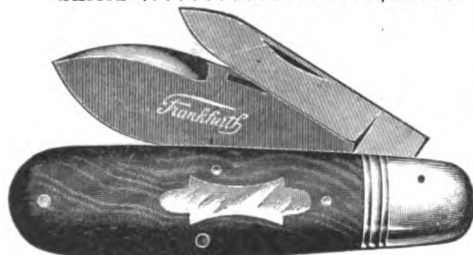
FULLY WARRANTED



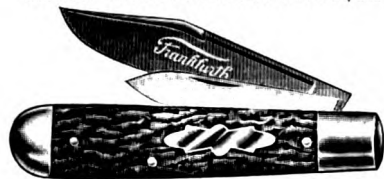
Per Dozen
No. 3536—2 Blades, Crocus Polished, 3 3/4 inches, White Bone Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$12.00



Per Dozen
No. 1121—2 Blades, Large Saber Spear Blade, Crocus Polished, 3 3/4 inches, Rosewood Handle, Brass Lined, German Silver Bolster and Shield.....\$11.50



Per Dozen
No. 5200—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Steel Lined, Steel Bolster, German Silver Shield.....\$11.00



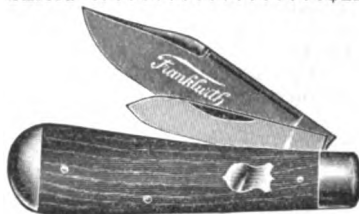
Per Dozen
No. 1200—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield.....\$10.00



Per Dozen
No. 2268—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$11.00



Per Dozen
No. 2580—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$12.00



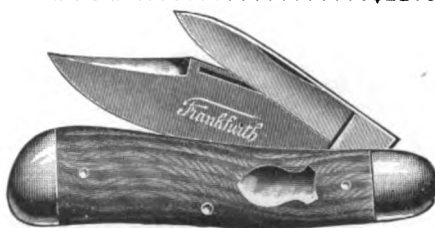
Per Dozen
No. 525—2 Blades, Crocus Polished, 3 3/4 inches, Cocoa Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$12.00



Per Dozen
No. 326—2 Blades, Crocus Polished, 3 1/2 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$11.00



Per Dozen
No. 2422—2 Blades, Crocus Polished, 3 1/2 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$11.00

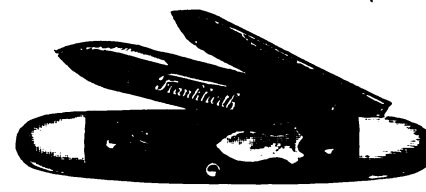


Per Dozen
No. 2423—2 Blades, Crocus Polished, 3 1/2 inches, Rosewood Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$10.50

All Above, One-half Dozen in a Box.



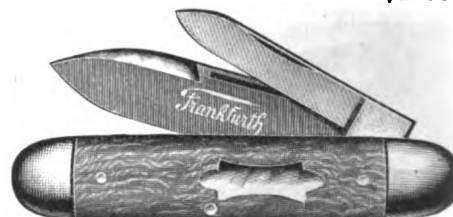
Per Dozen
No. 2426 1/2—2 Blades, Crocus Polished, 3 1/2 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$12.00



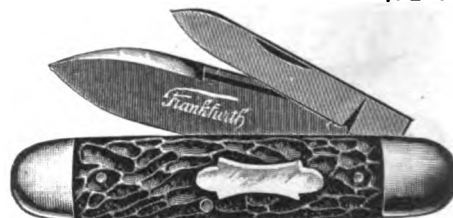
Per Dozen
No. 2300—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$10.00



Per Dozen
No. 361—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$11.00



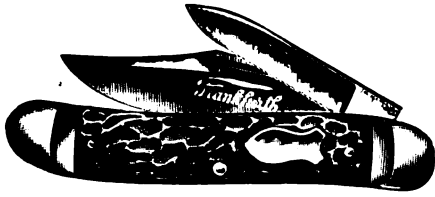
Per Dozen
No. 02731—2 Blades, Crocus Polished, 3 3/4 inches, Rosewood Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$11.00



Per Dozen
No. 2178—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$12.00

FRANKFURTH POCKET KNIVES

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- No. 665—2 Blades, Crocus Polished, 3 1/2 inches, Stag Handle, Brass Lined, German Silver Fancy Ground Bolster and Cap, German Silver Shields\$11.50



- No. 691—2 Blades, Crocus Polished, 3 1/2 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield\$10.00



- No. 692—2 Blades, Crocus Polished, 3 1/2 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield\$11.00

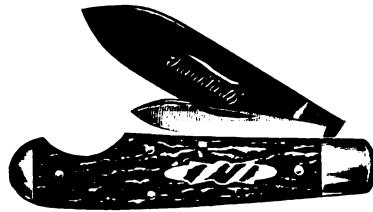


- No. 2034—2 Blades, Crocus Polished, 3 3/4 inches, Easy-Opener, Rosewood Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield\$9.00



No. 2032.

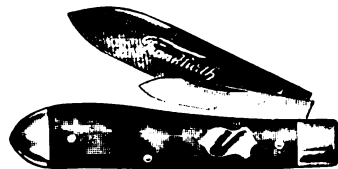
- No. 2031—2 Blades, Crocus Polished, 3 1/2 inches, Easy-Opener, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield\$10.00
- No. 2032—Same as No. 2031, but Rainbow Pearl Pyralin Handle 11.00
- No. 2033—Same as No. 2031, but New Redwood Pyralin Handle 11.00



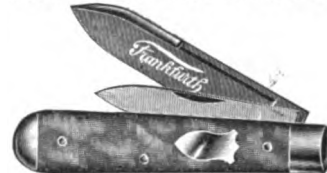
- No. 732—2 Blades, Crocus Polished, 3 3/4 inches, Easy-Opener, Stag Handle, Steel Bolster and Cap, German Silver Shield\$10.50



- No. 2030—2 Blades, Crocus Polished, 3 3/4 inches, Golden Amber Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield....\$12.00



- No. 421—2 Blades, Crocus Polished, 3 1/2 inches, Smoked Pearl Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$11.00

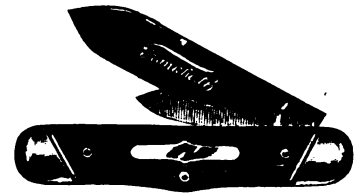


- No. 640—2 Blades, Crocus Polished, 3 1/4 inches, Smoked Pearl Pyralin Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield\$10.00



- No. 244—2 Blades, Crocus Polished, 3 1/4 inches, Fancy Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield\$12.00

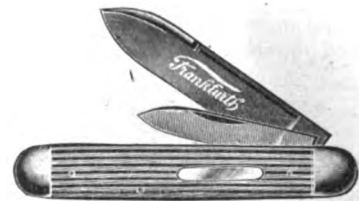
All Above, One-half Dozen in a Box.



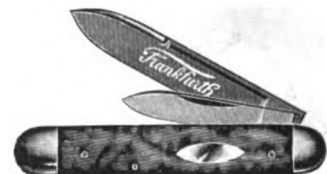
- No. 295—2 Blades, Crocus Polished, 3 1/2 inches, New Redwood Pyralin Handle, Brass Lined, Fancy German Silver Bolster and Cap, German Silver Shield\$12.00



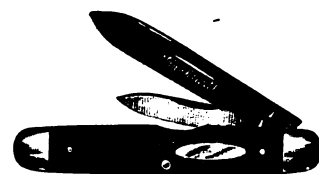
- No. 230—2 Blades, Crocus Polished, 3 3/4 inches, Marine Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield\$12.00



- No. 2310—2 Blades, Crocus Polished, 3 3/4 inches, Black and White Striped Pyralin Pearl Handle, Brass Lined, German Silver Bolster, Cap and Shield\$12.00



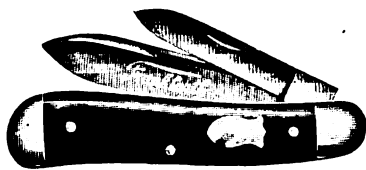
- No. 2228—2 Blades, Crocus Polished, 3 1/4 inches, Red Bone Handle, Brass Lined, German Silver Bolster, Cap and Shield\$11.00



- No. 2229—2 Blades, Crocus Polished, 3 1/4 inches, Rosewood Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$11.00

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No. 632.

Per Dozen

No. 632—2 Blades, Crocus Polished, 3 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield\$10.00

No. 635—2 Blades, Large Clip Blade, Crocus Polished, 3 inches, Fancy Gold Pearl Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield 11.00



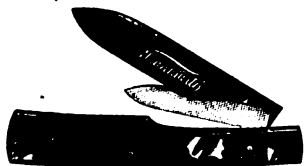
Per Dozen

No. 628—2 Blades, Crocus Polished, 2 7/8 inches, Rosewood Pyralin Handle, Brass lined, German Silver Bolster, Cap and Shield\$11.00



Per Dozen

No. 629—2 Blades, Crocus Polished, 2 7/8 inches, Easy-Opener, Fancy Green Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield\$11.00



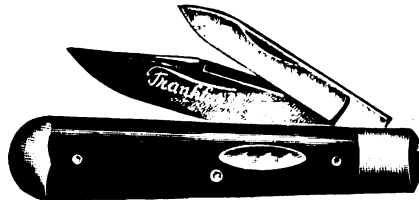
Per Dozen

No. 235—2 Blades, Crocus Polished, 3 inches, Gun Stock Style Rosewood Handle, Brass Lined, Octagon German Silver Bolster and Cap, German Silver Shield.....\$11.00



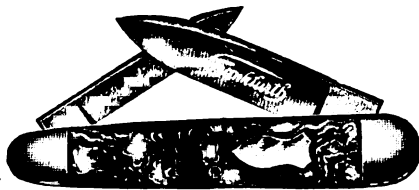
Per Dozen

No. 245—2 Blades, Crocus Polished, 3 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield\$10.00



Per Dozen

No. 703—2 Blades, Crocus Polished, 3 1/4 inches, Ebony Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield\$8.00



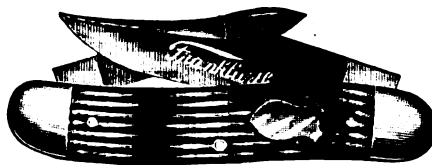
No. 2461.

Per Dozen

No. 2461—2 Blades, Crocus Polished, 3 3/8 inches, Fancy Dark Color Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield....\$12.00

No. 2244—Same as No. 2461, but Ebony Handle 11.00

No. 2245—Same as No. 2461, but Stag Handle 11.50



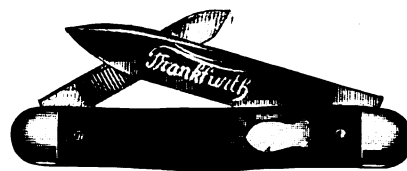
Per Dozen

No. 2317—2 Blades, Crocus Polished, 3 1/2 inches, New Redwood Pyralin Handle, Brass Lined, German Silver Bolster and Shield.....\$12.00



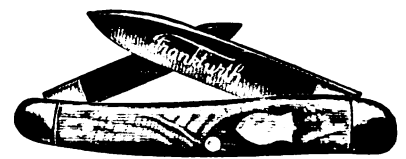
Per Dozen

No. 2319—2 Blades, Crocus Polished, 3 1/2 inches, Golden Pearl Pyralin Handle, Brass Lined, German Silver Bolsters and Shield\$11.00



Per Dozen

No. 219—2 Blades, Crocus Polished, 3 1/4 inches, Fancy Gold Pearl Pyralin Handle, Brass Lined, German Silver Bolsters and Shield.....\$11.00



No. 2219.

Per Dozen

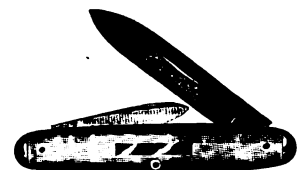
No. 2219—2 Blades, Crocus Polished, 3 inches, Fancy Agate Pyralin Handle, Brass Lined, German Silver Bolsters and Shield\$10.00

No. 2218—2 Blades, Crocus Polished, 3 1/4 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield... 10.00



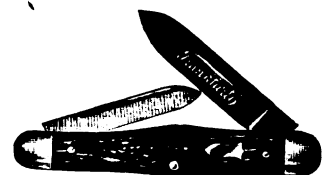
Per Dozen

No. 218—2 Blades, Crocus Polished, 3 inches, Black and White Striped Pyralin Handle, Brass Lined, German Silver Tips and Shield.....\$10.00



Per Dozen

No. 281—2 Blades, Crocus Polished, 2 7/8 inches, Imitation Pearl Handle, Brass Lined, German Silver Tips and Shields\$10.50



Per Dozen

No. 290—2 Blades, Crocus Polished, 3 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield.....\$9.00



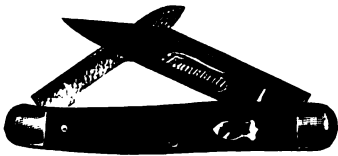
Per Dozen

No. 181—2 Blades, Crocus Polished, 3 inches, Black Pyralin Handle, Brass Lined, German Silver Tips and Shield.....\$9.50

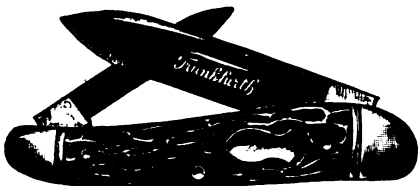
All Above, One-half Dozen in a Box.

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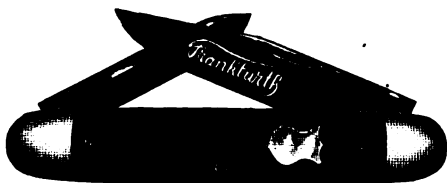
No. 2242—2 Blades, Crocus Polished, 3 1/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$10.00



No. 2248—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield...\$10.00



No. 0208—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield...\$10.00



No. 0801—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$10.00



No. 2070.

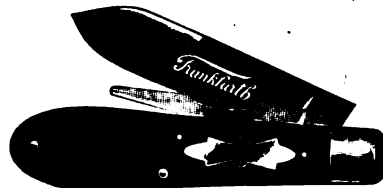
No. 2460—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Tips and Shield.....\$10.00
No. 2070—Same as No. 2460, but Imitation Horn Handle. 10.00



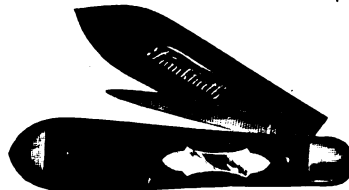
No. 545—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$10.00



No. 695—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$11.50

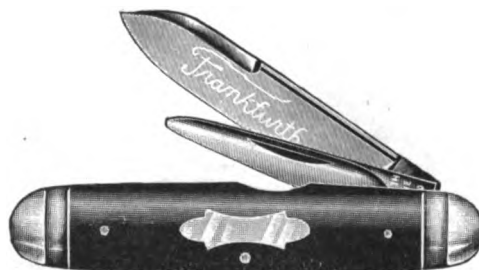


No. 510—2 Blades, 1 Large and 1 Punch, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster and Shield.....\$10.00



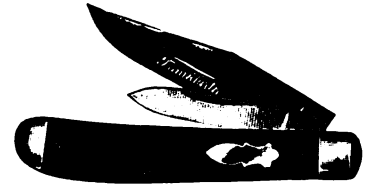
No. 518.

No. 518—2 Blades, 1 Large and 1 Punch, Crocus Polished, 3 3/4 inches, Rosewood Handle, Brass Lined, German Silver Bolster, Cap and Shield\$11.00
No. 512—Same as No. 518, but with Stag Handle..... 12.00

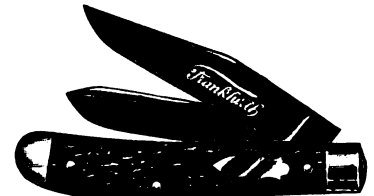


No. 518—2 Blades, 1 Large and 1 Punch, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, Fancy Grooved German Silver Bolster, Cap and Shield\$11.50

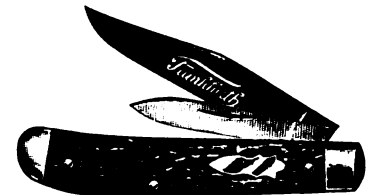
All Above, One-half Dozen in a Box.



No. 476—2 Blades, Large Silver Clip, Crocus Polished, 3 1/2 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$12.00



No. 477—2 Blades, Clip and Speying, Crocus Polished, 3 1/2 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield...\$12.00

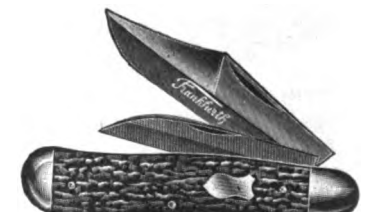


No. 478—2 Blades, Clip and Pen, Crocus Polished, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield\$12.00



No. 2590.

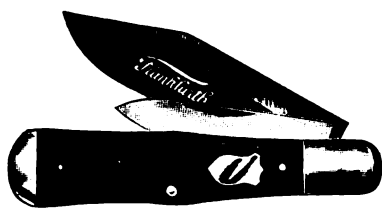
No. 2590—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$12.00
No. 2591—Same as No. 2590, but Imitation Horn Handle. 14.00



No. 2427—2 Blades, Sabre Clip and Sabre Coping, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield\$18.00

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No. 2635—2 Blades, Large Saber Clip, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$14.00

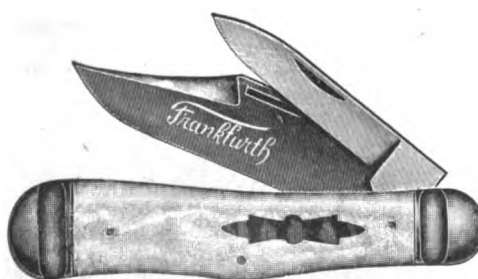


No. 2631.

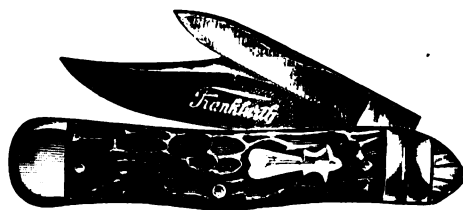
No. 2631—2 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield\$14.00
No. 2631 1/2—Same as No. 2631, but Stag Handle..... 14.00



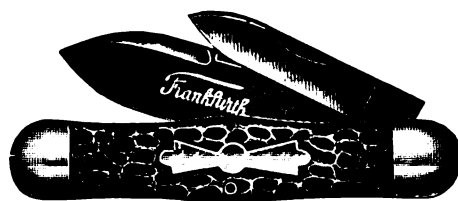
No. 2632—2 Blades, Large Saber Clip, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$14.00



No. 600—2 Blades, Crocus Polished, 3 3/4 inches, Fancy New Redwood Pyralin Handle, Brass Lined, German Silver Bolster, Cap and Shield\$14.00



No. 2204—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, Fancy German Silver Bolster, Cap and Shield\$14.00



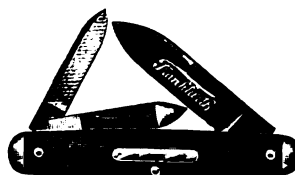
No. 1192.

No. 1192—2 Blades, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield\$13.00
No. 1190—Same as No. 1192, but Saber Clip Blade and Ebony Handle 14.00

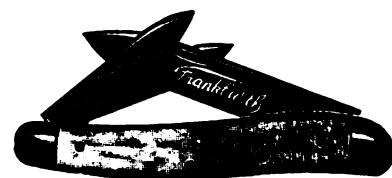


No. 3150.

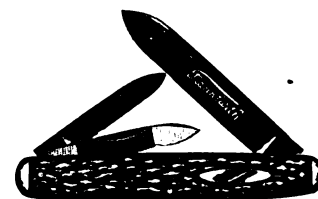
No. 3150—3 Blades, Crocus Polished, 3 inches, Black and White Striped Pyralin Handle, Brass Lined, German Silver Bolsters and Shield..\$14.00
No. 3152—Same as No. 3150, but Stag Handle..... 14.00



No. 385—3 Blades, Crocus Polished, 3 1/4 inches, Black and Gold Striped Pyralin Handle, Brass Lined, German Silver Tips and Shield.....\$14.00



No. 2231—3 Blades, Crocus Polished, 3 inches, New Redwood Pyralin Handle, Brass Lined, German Silver Tips.....\$15.00



No. 184—3 Blades, Crocus Polished, 3 1/4 inches, Stag Handle, Brass Lined, German Silver Tips and Shield.....\$15.00



No. 397—3 Blades, Crocus Polished, 3 3/4 inches, Rosewood Handle, Brass Lined, German Silver Tips and Shield..\$14.00
No. 398—Same as No. 397, but Stag Handle 15.00



No. 2251—3 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolster and Shield\$15.00



No. 3100—3 Blades, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$14.00

All Above, One-half Dozen in a Box.

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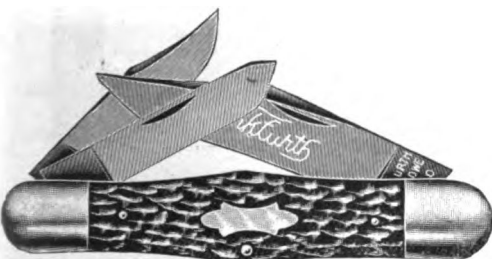


- Per Dozen
No. 4551—3 Blades, Large Saber Clip, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield.....\$15.00



- No. 2442. Per Dozen

- No. 2445—3 Blades, Large and Small Clip, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield.....\$17.00
No. 2443—Same as No. 2445, but Stag Handle..... 17.00
No. 2442—Same as No. 2445, but Dark Color Pyralin Handle 17.50

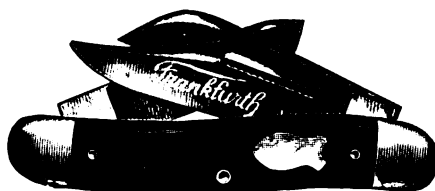


- No. 2210. Per Dozen

- No. 2210—3 Blades, Small Clip, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield\$17.00
No. 2211—Same as No. 2210, but Rosewood Handle..... 17.00

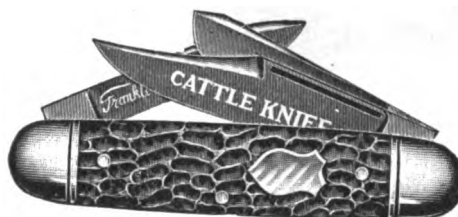


- Per Dozen
No. 2212—3 Blades, Large and Pen, Saber Clip, Crocus Polished, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$17.00

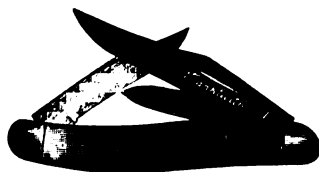


- No. 830. Per Dozen

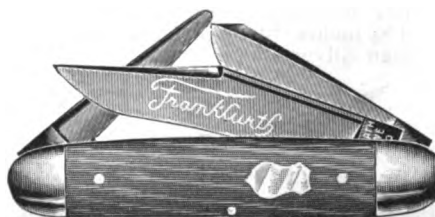
- No. 830—3 Blades, Crocus Polished, One Each Large Clip, Speying and Sheepfoot, 3 1/2 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$16.00
No. 832—Same as No. 830, but with Pen in Place of Spey Blade, Rosewood Handle... 16.00



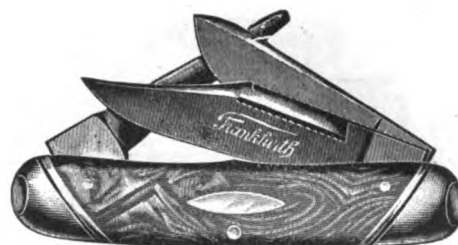
- Per Dozen
No. 833—3 Blades, Crocus Polished, Large Clip, Speying and Small Pen, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield.....\$17.00



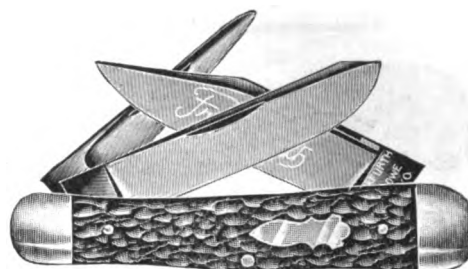
- Per Dozen
No. 840—3 Blades, Crocus Polished, 3 3/4 inches, Imitation Pearl Handle, Brass Lined, German Silver Bolsters and Shield.\$17.00



- Per Dozen
No. 835—3 Blades, Large Saber Clip and Punch, Crocus Polished, 3 1/2 inches, Golden Pearl Pyralin Handle, Brass Lined, German Silver Bolsters and Shield.....\$18.00



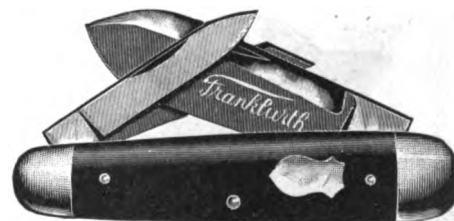
- Per Dozen
No. 0494—3 Blades, Large Clip, Speying and Punch, Crocus Polished, 3 3/4 inches, Golden Pearl Pyralin Handle, Brass Lined, Fancy German Silver Bolsters and Shield.....\$21.00



- Per Dozen
No. 519—3 Blades, Large Clip, Spey and Punch, Spring for Each Blade, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield..\$20.00



- Per Dozen
No. 0492—3 Blades, Large Clip, Spey and Punch, Crocus Polished, 3 3/4 inches, Stag Handle, Brass Lined, German Silver Bolsters and Shield...\$18.00

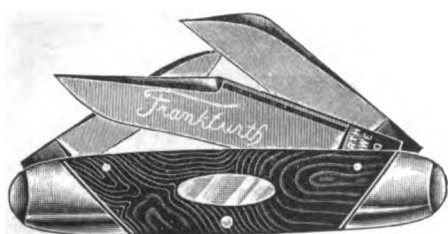


- Per Dozen
No. 2456—3 Blades, Crocus Polished, One Large Heavy Blade with Heavy Swedge, One Fancy Pen and Regular Pen Blade, 3 3/4 inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$18.00

All Above, One-half Dozen in a Box.

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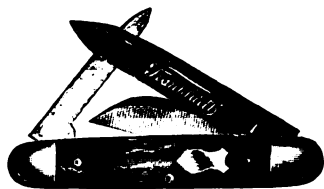
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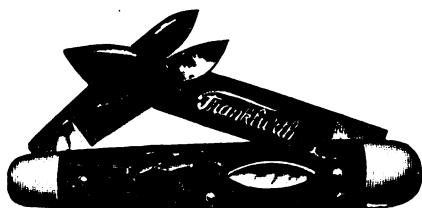
No. 595—3 Blades, Spear, Pen and Lock Joint Punch, Crocus Polished, 3 3/4 inches, Fancy Dark Pyralin Handle, Brass Lined, Fancy German Silver Bolsters and Shield. \$18.00
To close punch blade, press down on large spear blade.



No. 495—3 Blades, Crocus Polished, 3 3/4 inches, Golden Pearl Pyralin Handle, Brass Lined, Fancy German Silver Bolsters and Shield. \$19.00



No. 395—3 Blades, Spear, Sheepfoot and Pen, 3 3/4 inches, New Redwood Pyralin Handle, Brass Lined, German Silver Bolsters and Shield. \$17.00



No. 2085—3 Blades, Crocus Polished, 3 3/4 inches, Abalone Pearl Pyralin Handle, Brass Lined, German Silver Bolsters and Shield. \$16.00
No. 2087—Same as No. 2085, but imitation Pearl Handle. 16.00



No. 1110—Hunter's and Fisherman's, One Large Clip Lock Blade with Saw Back, Crocus Polished, 5 inches, Stag Handle, Steel Lined, Steel Bolster, with Leather Sheath. \$17.00



No. 1675—Hunting, One Large Clip Swaged Blade, Crocus Polished, Lock Back, 4 1/2 inches, Stag Handle, Steel Lined, Steel Bolster. \$16.00



No. 1875—1 Lock Joint Clip Blade, Crocus Polished, 4 1/2 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield. \$17.00



No. 0354—Hunting, 1 Large Swage Clip Blade, with Guard and Lock Back, Crocus Polished, Stag Handle, 4 3/4 inches, Steel Lined, German Silver Bolster. \$20.00



No. 0358—Hunting, 1 Saber Clip Blade, Lock Back, 4 3/4 inches, Stag Handle, Steel Lined, Steel Bolster. \$17.00

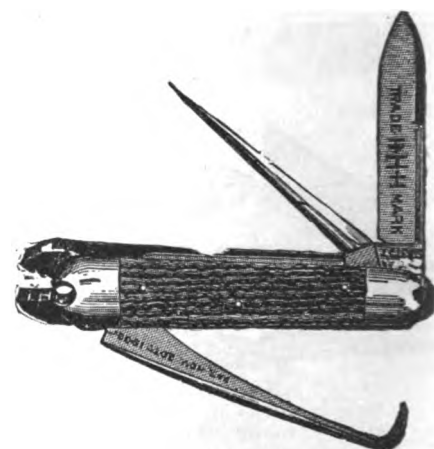
All Above, One-half Dozen in a Box.



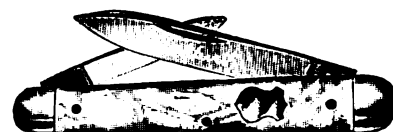
No. 1109—Hunting, 1 Saber Clip Blade, 5 1/4 inches, Ebony Handle, Brass Lined, Steel Bolster and Cap, German Silver Shield. \$18.00



No. 1005—Hunting, 1 Clip Blade with Guard, Crocus Polished, Push Button Lock Back, 4 7/8 inches, Stag Handle, Steel Lined, German Silver Bolster. \$21.00
No. 1000—Same as No. 1005, but without Guard. 17.00



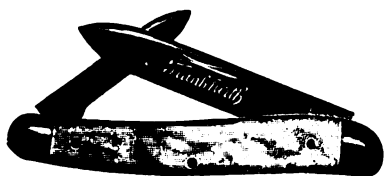
HHH—Tool Knife, Five Tools, Comprising One Blade, Leather Punch, Swedging Awl, Wire Cutters, Pliers, Wrench, Hoof Hook, Screw Driver and Gimlet, 4 inches when Closed, Stag Handle, Brass Lined, German Silver Bolsters. \$25.00



No. 2156—2 Blades, Crocus Polished, 3 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield. \$17.00

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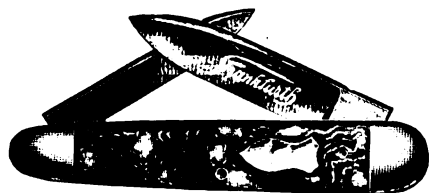
No. 2220—2 Blades, Crocus Polished, 3 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield... **\$21.00**



No. 2063—2 Blades, Crocus Polished, 3 inches, Pearl Handle, Brass Lined, German Silver Tips and Shield.... **\$24.00**



No. 1189—2 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield **\$21.00**



No. 2784—2 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Bolster and Shield... **\$24.00**



No. 2071—2 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, No Tips, No Shield **\$22.00**



No. 2073—2 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Tips **\$22.00**



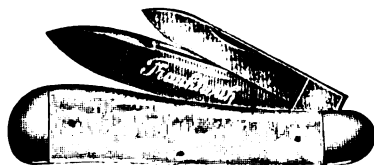
No. 2052—2 Blades, Crocus Polished, 2 3/4 inches, Pearl Handle, Brass Lined, German Silver Bolster and Cap **\$15.50**



No. 636—2 Blades, Crocus Polished, 2 3/4 inches, Pearl Handle, Brass Lined, German Silver Bolster and Cap **\$17.00**



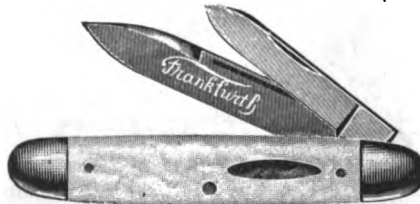
No. 3004—2 Blades, Crocus Polished, 3 inches, Pearl Handle, Brass Lined, German Silver Tips **\$22.00**



No. 631—2 Blades, Crocus Polished, 3 inches, Pearl Handle, Brass Lined, German Silver Bolster, Cap and Shield **\$21.00**

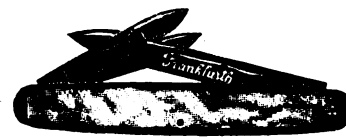


No. 2054—2 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Bolster, Cap and Shield **\$22.00**

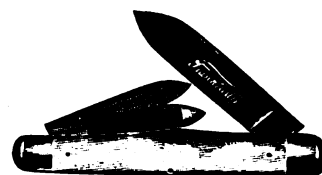


No. 2056—2 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Bolster, Cap and Shield **\$22.00**

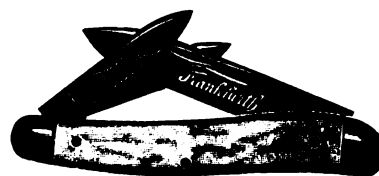
All Above, One-half Dozen in a Box.



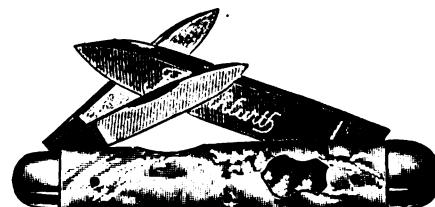
No. 3009—3 Blades, Crocus Polished, 2 3/4 inches, Pearl Handle, Brass Lined, German Silver Shield..... **\$22.00**



No. 2188—3 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Bolsters..... **\$23.00**



No. 2224—3 Blades, Crocus Polished, 3 inches, Pearl Handle, Brass Lined, German Silver Bolsters **\$26.00**



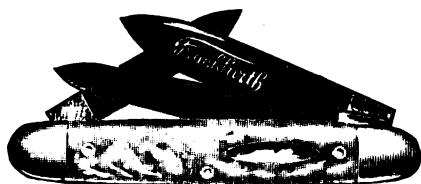
No. 2084—3 Blades, Crocus Polished, 3 3/4 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield **\$26.00**



No. 303—3 Blades, Crocus Polished, 3 3/4 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield **\$27.00**

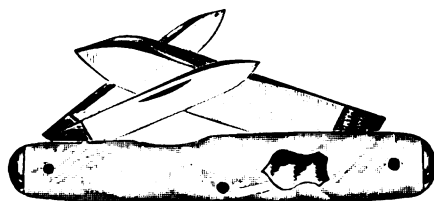
FRANKFURTH POCKET KNIVES

FULLY WARRANTED



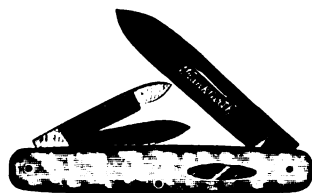
Per Dozen

- No. 2256—3 Blades, Long File Blade, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....\$27.00



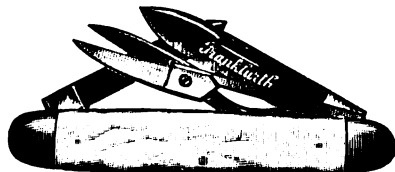
Per Dozen

- No. 3104—3 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Tips and Shield..\$28.00



Per Dozen

- No. 3710—3 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Shield.....\$30.00



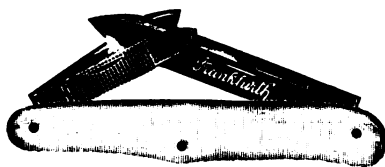
Per Dozen

- No. 684—2 Blades, Spear, File and Scissors, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Tips and Shield..\$34.00



Per Dozen

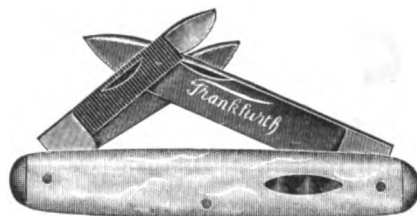
- No. 310—3 Blades, Full Crocus Polished, 3 inches, Pearl Handle, German Silver Milled Lining, German Silver Tips and Shield.....\$30.00



No. 300.

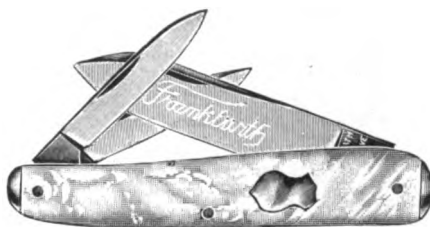
Per Dozen

- No. 300—3 Blades, Crocus Polished, 3 inches, Pearl Handle, German Silver Milled Lining, No Tips, No Shield..\$30.00
No. 200—2 Blades, Otherwise Same as No. 300.....22.00



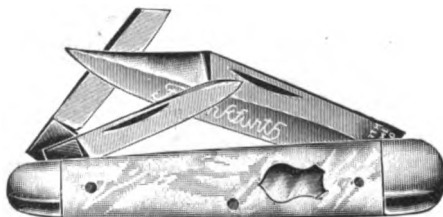
Per Dozen

- No. 8116T—3 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Tips and Shield..\$30.00



Per Dozen

- No. 2264—3 Blades, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Tips and Shield..\$30.00



Per Dozen

- No. 2354—3 Blades, Large Saber Clip, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield..\$30.00



Per Dozen

- No. 2344—3 Blades, Large and Pen Saber Clip, Crocus Polished, 3 1/4 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield\$32.00

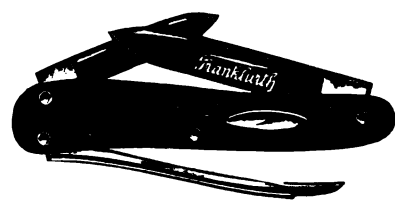
All Above, One-half Dozen in a Box.



No. 3416.

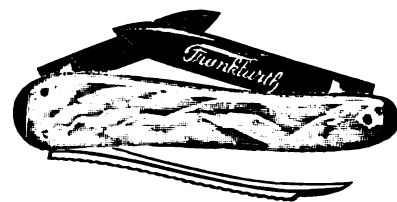
Per Dozen

- No. 3416—2 Blades, Full Crocus Polished, 3 inches, Stag Handle, Brass Lined, German Silver Tips and Shield..\$15.00
No. 3417—Same as No. 3416, but Pearl Handle30.00



Per Dozen

- No. 3419—3 Blades, Full Crocus Polished, 3 1/4 inches, Stag Handle, German Silver Milled Lining, German Silver Shield\$20.00



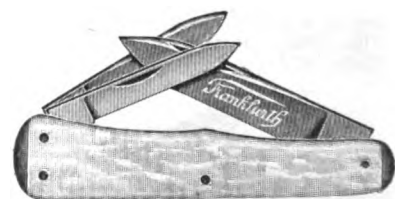
Per Dozen

- No. 3942—3 Blades, Full Crocus Polished, 3 1/4 inches, Pearl Handle, German Silver Milled Lining, German Silver Tips and Shield.....\$36.00



Per Dozen

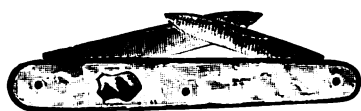
- No. 689—3 Blades, Full Crocus Polished, 3 1/4 inches, Pearl Handle, German Silver Lining, No Tips, No Shield....\$38.00
No. 685—Same as No. 689, but Abalone Pearl Handle.....40.00



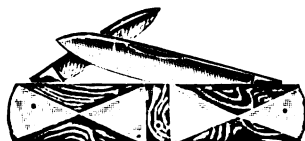
Per Dozen

- No. 680—4 Blades, Full Crocus Polished, 3 1/4 inches, Pearl Handle, German Silver Milled Lining, German Silver Tips\$42.00

FANCY POCKET KNIVES



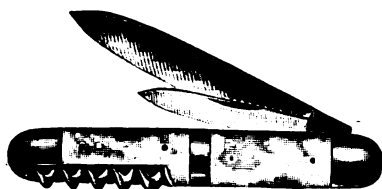
- No. N5100P—2 Blades, Full Crocus Polished, 2 ½ inches, Pearl Handle, German Silver Lining and Shield **\$12.00** Per Dozen



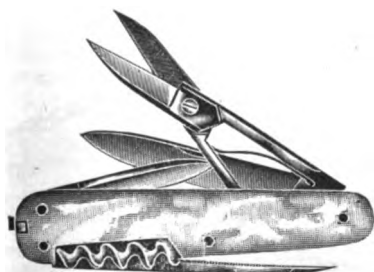
- No. 7489—2 Blades, Full Crocus Polished, 3 ¼ inches, Fancy Pearl Handle, Pearl Back, German Silver Lined **\$36.00** Per Dozen



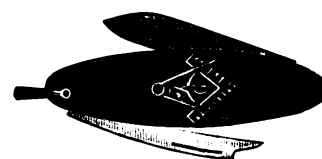
- No. 5598—3 Blades, Full Crocus Polished, 3 ¼ inches, Fancy Pearl Handle, German Silver Lined **\$42.00** Per Dozen



- No. 5908P—2 Blades and Corkscrew, Full Crocus Polished, 3 ¾ inches, Pearl Handle, Brass Lined, German Silver Bolster and Band **\$24.00** Per Dozen

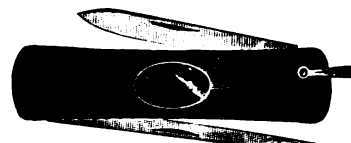


- No. 7821P—Combination, 2 Blades, Scissors, Cork Screw, File, Tooth Pick, Tweezers and Ear Spoon, 3 inches, Full Crocus Polished, Pearl Handle, German Silver Lined, Milled Edges **\$72.00** Per Dozen



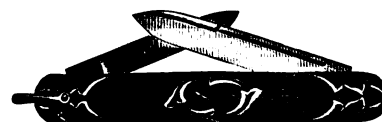
10 Year Guaranteed Gold Plated Handle.

- No. K700—Emblem (Elk, Shriner, Mason and Odd Fellows), 1 Blade and File Back, Crocus Polished, 2 ¼ inches, with Loop **\$24.00** Per Dozen



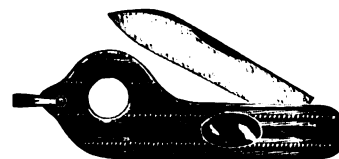
20 Year Guaranteed Gold Plated Handle.

- No. K345—1 Blade and File Back, Crocus Polished, 2 ½ inches, with Loop **\$36.00** Per Dozen



20 Year Guaranteed Gold Plated Handle.

- No. K357—2 Blades, Crocus Polished, 2 ¾ inches, with Loop **\$36.00** Per Dozen



20 Year Guaranteed Gold Plated Handle.

- No. CK14—Cigar Cutter Knife, Crocus Polished Cutter, 2 ½ inches, with Loop **\$36.00** Per Dozen

EMBLEM KNIFE ASSORTMENT



- No. 1500—Fraternity Emblem Knife Assortment, Comprises Six Fancy Celluloid Handled Knives, Assorted Imitation Pearl, Iris, Amber and Black, Golden Amber, Black and White, Striped and Gray, Two Each Masonic, Odd Fellows and Elks, One Cutting and One Manicure Blade Made of Very Fine Steel, 3 inches Long, in Plush Lined Case **\$8.50** Per Assortment

All Above, One-half Dozen in a Box.

POCKET KNIVES

GERMAN



No. 1473R—1 Blade, Glazed, 2 $\frac{3}{4}$ inches, Rosewood Easy-Opener Handle, Steel Lined, Steel Bolster\$..... Per Dozen



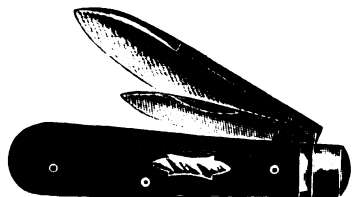
No. 1486—1 Blade, Glazed, 3 $\frac{3}{4}$ inches, Iron Handle and Bolster, with 16 inch Chain Attached\$..... Per Dozen



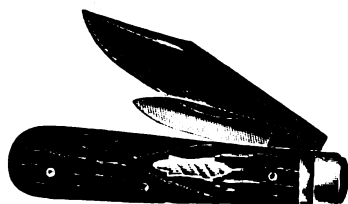
No. 27766—1 Blade, Glazed, 3 $\frac{3}{4}$ inches, Bright Metal Easy-Opener Handle, Metal Bolsters, with 16 inch Chain Attached\$..... Per Dozen



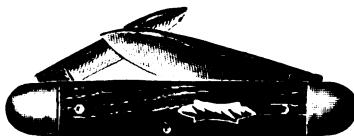
No. 27924—2 Blades, Glazed, 3 $\frac{3}{4}$ inches, Ebony Easy-Opener Handle, Brass Lined, Steel Bolster, with 16 inch Chain Attached\$..... Per Dozen



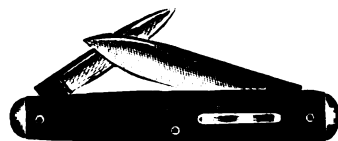
No. 02113E—2 Blades, Crocus Polished, 3 $\frac{1}{2}$ inches, Ebony Handle, Brass Lined, Steel Bolster and Shield.....\$6.00 Per Dozen



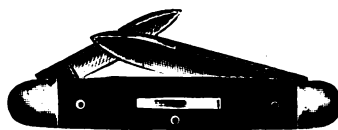
No. 02114E—2 Blades, Crocus Polished, 3 $\frac{1}{2}$ inches, Ebony Handle, Brass Lined, Steel Bolster and Shield.....\$..... Per Dozen



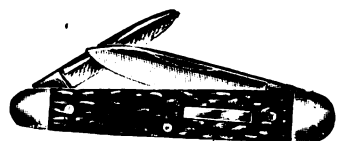
No. 2115R—2 Blades, Glazed, 3 $\frac{1}{2}$ inches, Rosewood Handle, Brass Lined, German Silver Bolster and Shield.....\$..... Per Dozen



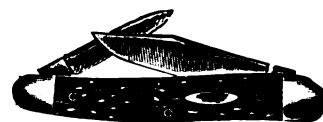
No. 2094—2 Blades, Crocus Polished, Sleeveboard Pattern, 3 $\frac{3}{4}$ inches, Ebony Handle, Brass Lined, German Silver Tips and Shield.....\$6.00 Per Dozen



No. 2095—2 Blades, Crocus Polished, 3 $\frac{3}{4}$ inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield.....\$6.00 Per Dozen



No. 2495 $\frac{1}{2}$ —2 Blades, Full Crocus Polished, 3 $\frac{1}{4}$ inches, Cocoa Handle, Brass Lined, German Silver Bolsters and Shield\$6.00 Per Dozen



No. 5400 $\frac{1}{2}$ —2 Blades, Full Crocus Polished, 3 $\frac{1}{4}$ inches, Ebony Handle, Brass Lined, German Silver Bolsters and Shield\$..... Per Dozen



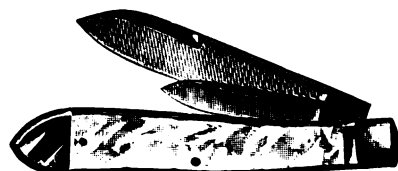
No. 5046P—2 Blades, Full Crocus Polished, 2 $\frac{1}{2}$ inches, Pearl Handle, Brass Lined..\$10.00 Per Dozen



No. 9957P—2 Blades, Crocus Polished, 3 $\frac{1}{4}$ inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield\$10.00 Per Dozen



No. 10577—2 Blades, Full Crocus Polished, 3 $\frac{1}{4}$ inches, Three-Piece Pearl Handle, Brass Lined\$11.00 Per Dozen



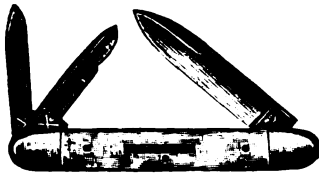
No. N2060P—2 Blades, Crocus Polished, 3 $\frac{1}{4}$ inches, Pearl Handle, Brass Lined, German Silver Bolster and Cap..\$10.00 Per Dozen

All Above, One-half Dozen in a Box.

Note—We are Temporarily Out of Pocket Knives Illustrated on this Page that do not have a Printed List Price.

POCKET KNIVES

GERMAN



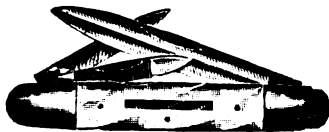
Per Dozen

- No. 3505P—3 Blades, Crocus Polished, 3 $\frac{1}{8}$ inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield\$10.00



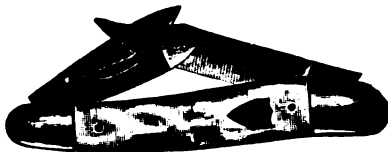
Per Dozen

- No. N3501P—3 Blades, Crocus Polished, 3 $\frac{1}{8}$ inches, Pearl Handle, Brass Lined, German Silver Bolsters\$11.00



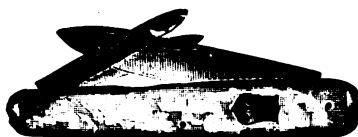
Per Dozen

- No. 10628—3 Blades, Large Sabre Spear, Full Crocus Polished, 3 $\frac{3}{8}$ inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....\$15.00



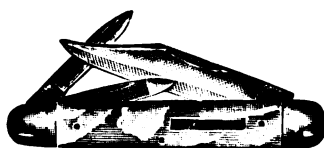
Per Dozen

- No. 7355P—3 Blades, Large Clip, Full Crocus Polished, 2 $\frac{3}{4}$ inches, Pearl Handle, Brass Lined, German Silver Bolster and Shield.....\$16.00



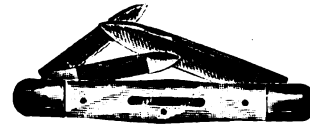
Per Dozen

- No. 7576P—3 Blades, Crocus Polished, 3 inches, Pearl Handle, Brass Lined, German Silver Tips and Shield\$20.00



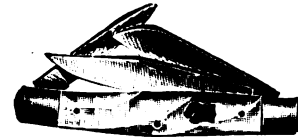
Per Dozen

- No. 6365P—3 Blades, Large Sabre Clip, Full Crocus Polished, 3 $\frac{1}{4}$ inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....\$20.00



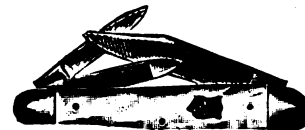
Per Dozen

- No. 6357P—3 Blades, Full Crocus Polished, 3 $\frac{1}{8}$ inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....\$17.00



Per Dozen

- No. 10530P—3 Blades, Full Crocus Polished, 3 inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....\$18.00



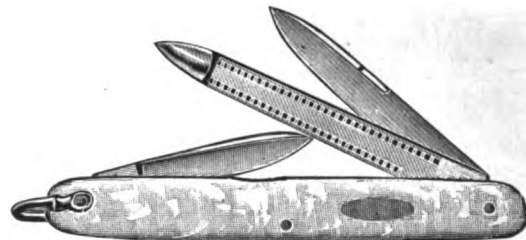
Per Dozen

- No. 10528P—3 Blades, Full Crocus Polished, 3 $\frac{1}{8}$ inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....\$18.00



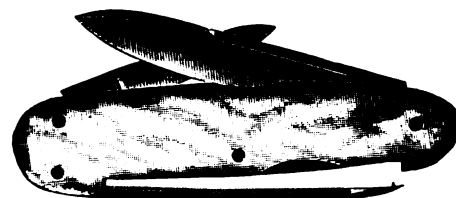
Per Dozen

- No. 10540P—3 Blades, Full Crocus Polished, 3 $\frac{1}{8}$ inches, Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....\$18.00



Per Dozen

- No. 3483—3 Blades, (Long File Blade), Full Crocus Polished, 2 $\frac{1}{2}$ inches, Pearl Handle, German Silver Lined and German Silver Ring.....\$30.00



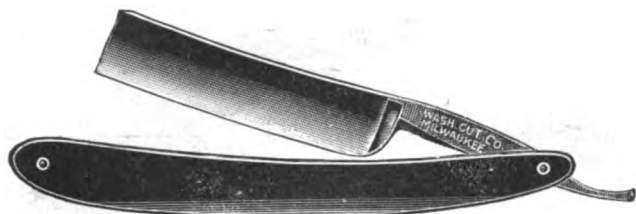
Per Dozen

- No. 3536—3 Blades, Full Crocus Polished, 2 $\frac{3}{8}$ inches, Pearl Handle, Brass Lined, Milled Edges.....\$32.00
No. 7452 $\frac{1}{2}$ —Same as No. 3536, but with Ring..... 32.00

All Above, One-half Dozen in a Box.

RAZORS

THE KING OF WHISKERS



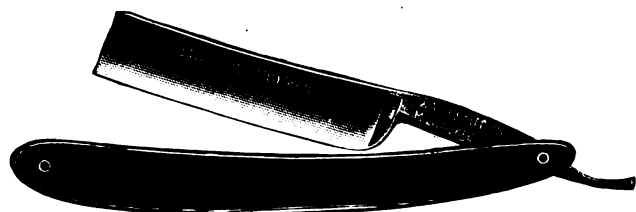
Barber's, Full Concave Blade, Highly Polished, Oval Black Rubber Handle.

No. 1425— $\frac{1}{2}$ inch Square Point Blade..... Per Dozen \$36.00
 No. 1426— $\frac{5}{8}$ inch Square Point Blade..... 36.00



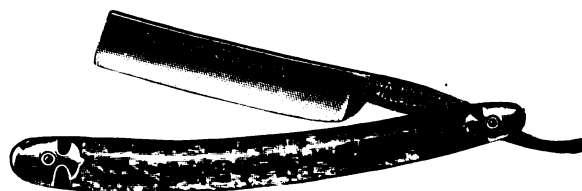
Full Concave Blade, Highly Polished, Oval Black Rubber Handle.

No. 2225— $\frac{1}{2}$ inch Round Point Blade..... Per Dozen \$36.00
 No. 2226— $\frac{5}{8}$ inch Round Point Blade..... 36.00



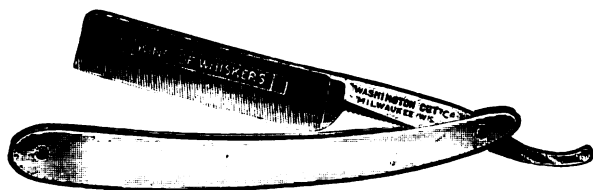
Full Concave Blade, Highly Polished, Oval Black Rubber Handle.

No. 1065— $\frac{1}{2}$ inch Square Point Blade..... Per Dozen \$36.00
 No. 1066— $\frac{5}{8}$ inch Square Point Blade..... 36.00



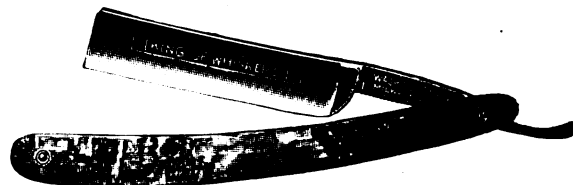
Special Concave Blade, Highly Polished, Black Rubber Handle and Tang with G. S. Tips.

No. 1991— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$42.00



Special Concave Blade, Full Crocus Polished, Mottled Amber Handle.

No. 2450— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$42.00



Special Concave Blade, Full Crocus Polished, New Pearl Handle with Guard Rivet, Gilt Etched Blade.

No. 2452— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$42.00

THE KING OF WHISKERS



Sanitary German Silver Handle, Lock Joint File Tang with Guard, Special Concave Blade.

No. 1900— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$42.00

EXTRA HOLLOW GROUND



Extra Hollow Ground, Highly Polished, Fancy Black Rubber Handle.

No. 40— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$30.00

All Above, One-half Dozen in a Box.

RAZORS

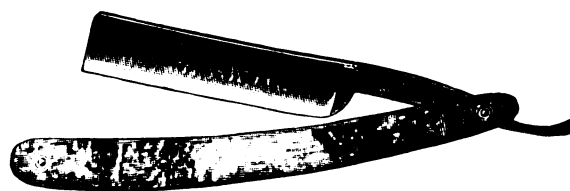
GENCO



Half Concave Blade, Nicely Polished, Oval Black Rubber Handle.

No. 340— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$22.00

GENCO



Half Concave Blade, Nicely Polished, New Pearl Handle, Gilt Etched Blade.

No. 106— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$24.00

MT. VERNON



Extra Hollow Ground, Crocus Polished, Smoked Pearl Handle and Tang.

No. 104— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$32.00

MT. VERNON



Three-quarter Concave Blade, Highly Polished, Cocobolo Handle, German Silver Tips.

No. 95— $\frac{5}{8}$ inch Square Point Blade..... Per Dozen \$36.00

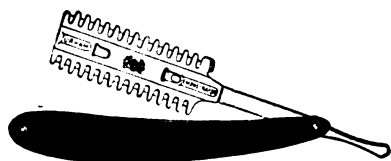
All Above, One-half Dozen in a Box.

RAZOR HANDLES

Black Rubber—Oval, for $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch Blades..... Per Dozen \$2.50

SAFETY RAZORS

DURHAM DEMONSTRATOR

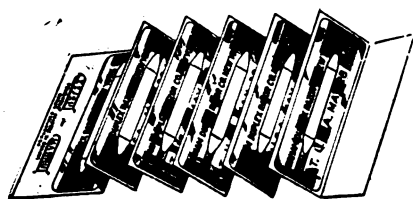


Durham Demonstrator—Nickel Plated Blade Holder, with Double-Edged Durham Duplex Hollow Ground Blade of Finest Tempered Steel, Black Rubber Handle Per Dozen \$5.52

DURHAM DUPLEX DOMINO



DURHAM DUPLEX RAZOR BLADES



Durham Duplex—Made of Finest Tempered Steel, Hollow Ground, Double-Edged Interchangeable, Will Fit Durham Demonstrator and Domino Razors..... Per Package \$0.75
Six Blades in a Package.

Note—The Durham Demonstrator and Domino Razors are used exactly like the old style ordinary razor.

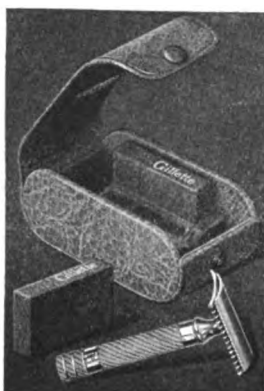
Durham Duplex Domino—Set Consists of a Silver Plated Razor with White American Ivory Handle, Safety Guard, Stropping Attachment and Six Double-Edged Durham Duplex Hollow Ground Blades of Finest Tempered Steel, Put up in a Genuine Red Leather Kit Per Dozen \$18.00

SAFETY RAZORS

GILLETTE



No. 460—Standard Set, Solid Metal Triple Silver Plated Razor, with 12 Double Edged Wafer Blades, All in Velvet Lined Morocco Grain Leather Case with Clasp.....**\$5.00** Each



Bull Dog—Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades, All in Velvet Lined Oval Gray Antique Leather Case. **\$5.00** Each
Has a stocky bull dog handle, heavier than the Gillette Standard, extra generous in the grip and beautifully balanced.



Aristocrat—The French Ivory Set, Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades in French Ivory Box, All in Velvet Lined French Ivory Case**\$5.00** Each
The Razor of the Aristocrat, modeled on lines of extreme simplicity, plain and neat, with a handle of a new and appropriate pattern.



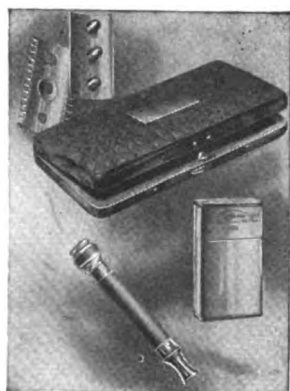
No. 00—Standard Combination Set, Solid Metal Razor, Triple Silver Plated, 12 Double Edged Wafer Blades, Badger Hair Shaving Brush and Stick Gillette Shaving Soap in Triple Silver Plated Holders, All in Seal Grain Leather Case**\$6.50** Each



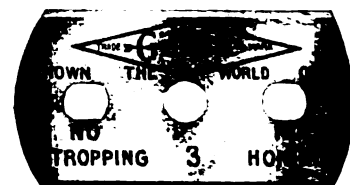
No. 461—Combination Set, Consist of Solid Metal Triple Silver Plated Razor with 12 Double Edged Wafer Blades, Telescope Pattern Badger Hair Shaving Brush, Stick Gillette Shaving Soap in Triple Silver Plated Holder, All in Velvet Lined Morocco Leather Covered Case.....**\$6.00** Each



No. 500—Pocket Edition, Solid Metal Triple Silver Plated Razor, with 12 Double Edged Wafer Blades, All in Triple Silver Plated Velvet Lined Plain Metal Case.....**\$5.00** Each



No. 501—Pocket Edition, Solid Metal Triple Silver Plated Razor with 12 Double Edged Wafer Blades, All in Triple Silver Plated Basket Pattern Velvet Lined Metal Case**\$5.00** Each



GILLETTE BLADES

Gillette Blades are made from a special formula steel, and have two cutting edges. The keenest edge ever devised, highly polished. Each blade is put up in its separate rust proof envelope.

Per Package
No. 16—12 Blades (24 Shaving Edges) in a Package...**\$1.00**
No. 6—6 Blades (12 Shaving Edges) in a Package...**.50**

SAFETY RAZORS

AUTO-STROP

The Auto-Strop Safety Razor is simple and unique; it is the only Automatic Stropping Safety Razor on the market. It shaves, strops automatically and cleans without removing the blade from the holder. The adjustable feature is supremely simple, as it permits the user to adjust at will for a light or close shave.

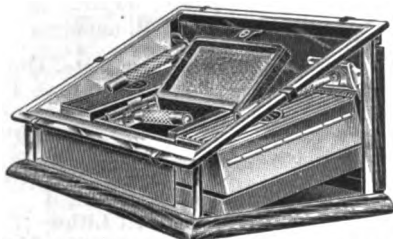


Each

No. 1—Standard Outfit, Contains One Quadruple Silver Plated Self-Stropping Razor, 12 Auto-Strop Blades, One Shell Horsehide Strop, in Handsome Satin and Velvet Lined Black Leather Case, Patent Interior Metal Arch Receptacle for Strop, has Hinged Front Panel Enabling Full Display of Contents \$ 5.00

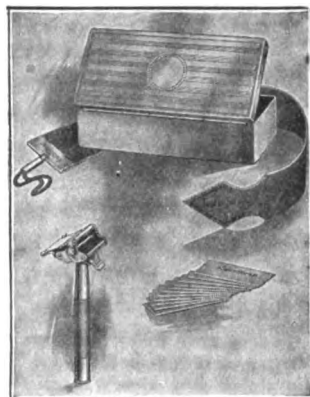
No. 1A—Three Color Assortment, Contains 3 No. 1 Standard Outfits, One Each with Maroon, Blue and Green Leather Case, an Attractive Assortment for the Christmas Season 15.00

AUTO-STROP SHOW CASE



This Handsome Mahogany Finish, Plate Glass Case Will be Given Free with an Order for Three Only of any of the \$5.00 Auto-Strop Outfits.

This Gives You the Opportunity of Displaying at Least Three Assorted Outfits.



Each

No. 251—Metal Case Outfit, Contains One Quadruple Silver Plated Self-Stropping Razor, 12 Auto-Strop Blades, One Shell Horsehide Strop, in Velvet Lined Embossed Nickel Plated Case, 1½ x 4½ inches \$5.00

No. 254-S—Same as No. 251, but Embossed Satin Gun Metal Finish Case 5.00

AUTO-STROP BLADES



Made from Finest Lancet Steel. Each Blade is Contained in a Moisture Proof Wrapper.

Per Package

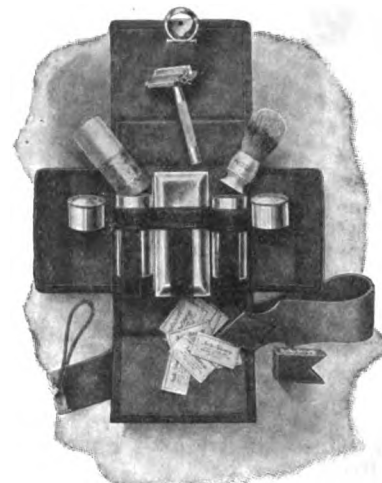
No. 012—12 Blades in a Pkge... \$1.00
No. 06—6 Blades in a Pkge... .50

ENDERS'



Per Dozen

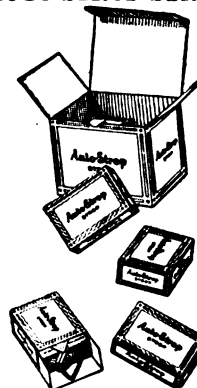
Enders'—Solid Nickel Silver Frame, Heavily Nickel Plated Steel Handle, with Knurled Center, Length 4 inches, with 7 Blades in a Sealed Package, Complete in a Hinged Black Keratol Covered Case, Lined with Purple Silk Plush, Button Clasp \$16.00



Each

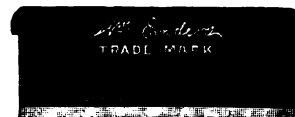
No. 27—Tourist Set, Contains One Quadruple Silver Plated Self-Stropping Razor, in Nickel Plated Case, 12 Auto-Strop Blades, Rubberset Shaving Brush and Colgate Shaving Soap in Silver Plated Push Bottom Tubes, Fine Shell Horsehide Strop, All in Box Shaped Leather Lined Morocco Grain Black Leather Case \$7.50

AUTO-STROP STROPS



Per Dozen

Auto-Strop—1½ x 15 inches, Fine Grade Shell Horsehide, Specially Prepared Cord Loop at End \$6.00



Enders' Blade.



Blade Container.

Per Package

Enders' Blades—Made of Highest Grade Norwegian Cutlery Steel, Highly Tempered and Carefully Ground, Each Blade Will Give from Six to Twenty Shaves, 5 in a Sealed Package \$0.36

SAFETY RAZORS

THE PENN



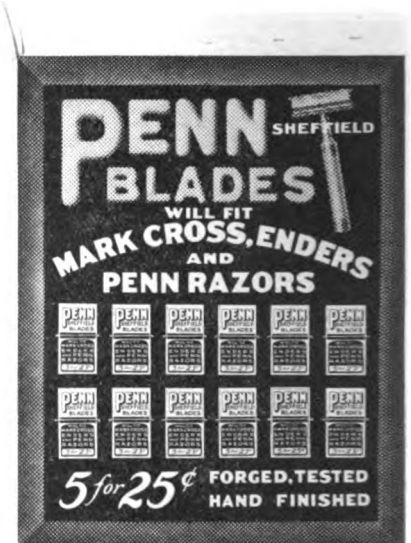
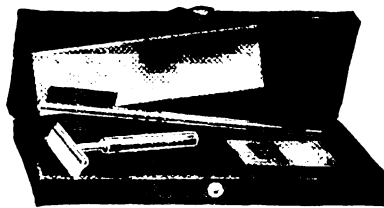
Standard.

Penn Standard—Steel Frame and Handle, Triple Silver Plated, Handsomely Knurled Handle, Self-Cleaning, Equipped with a Smooth Drop Flange Guard, with Five Natural Damascus Finish Penn-Sheffield Blades, Complete in a Spring Hinged Steel Box, Covered with Hand Tooled Spanish Leather, Top of Box is Padded and Lined with a Dark Blue Velvet.....\$15.60

No. 10—Combination Set, Same Contents as in Standard, but has in Addition a Silver Plated Stropping Handle and Strop, in Attractive Purple Velvet Lined Case Covered with a High Grade Waterproof Material, Finished in Imitation of Hand Tooled Spanish Leather..... 24.00
The Penn consists of only two parts, it cannot get out of order, a twist of the handle inserts or removes the blade. Shaves as smooth as velvet.

Penn Blades—Individually Forged, Hand Tested and of Uniform Temper, Five Blades in a Package\$4.00
One Dozen Packages on Display Card.

No. 10 Set. Per Dozen



EVER-READY



Ever-Ready—Standard, One Piece Triple Nickel Plated Brass Frame, Rust Proof, Bowl Shape to Retain the Lather, Sectional Handle with Honing and Stropping Attachment, with 12 Tempered Radio Steel Blades, in a Red Velvet Lined Wood Case, Covered with Black Leatherette of a Tough Waterproof Texture, Snap Button Lock.....\$16.80

Per Dozen



These
Blades
Will
Fit
Ever-Ready,
Yankee,
Star,
Gem,
and
Other
Frames.

Ever-Ready Radio Steel Blades have a Delicate Cutting Edge, Each Blade is Individually Wrapped in a Patent Package, Dust and Damp Proof.

No. 6E—6 Blades in a Package.....\$0.44
No. 10E—10 Blades in a Package..... .76

No. 16—Card, 12 Packages of 10 Blades Each and 4 Packages of 6 Blades Each on a Heavy Metal Lithographed Six-Color Card\$10.56

No. 24—Card, 24 Packages of 6 Blades Each on a Heavy Metal Lithographed Six-Color Card..... 10.56

GEM DAMASKEENE



Gem Damaskeene—Steel Gem Damaskeene Razor Frame with Finely Knurled Handle, with Extra Stropping Handle, Highly Polished and Nickel Plated, Complete with 7 Damaskeene Steel Blades, All in Velvet Lined Genuine Morocco Leather Covered Case, 3 3/4 x 1 1/2 x 2 inches, with Catch-Button Lock\$16.80

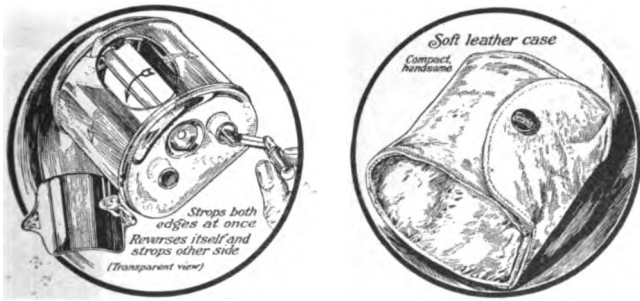
Per Dozen



Gem Damaskeene Blades—Special Razor Steel, Tempered by Special Process, has a Strong Reinforced Convex Edge, which Assures a Perfect Smooth Shave, 7 Blades in a Sealed Package.....\$0.50
24 Packages on a Handsome Display Card.

SAFETY RAZOR STROPPERS

TWINPLEX DE LUXE

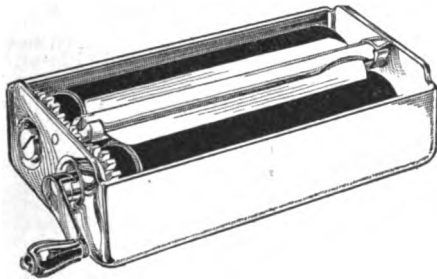


Cut Shows Soft Leather Case. Each

No. G1—For Gillette Blades and Blades that Will Fit Gillette Razors, Mechanism is Enclosed in a Highly Polished Nickel Dust Proof Case, $2\frac{3}{4} \times 2\frac{3}{4} \times 1\frac{1}{2}$ inches, Two Receding Rollers Covered with the Finest Quality Leather, Sliding Blade Holder, Disappearing Handle, Removable Lid, Enclosed in a Handsome Soft Leather Case\$5.50

The handle can be turned in either direction. The two rollers revolve in opposite directions, each stropping a different edge. At each complete revolution of the rollers the blade turns over and the rollers strop the other side.

TWINPLEX, DURHAM DUPLEX MODEL

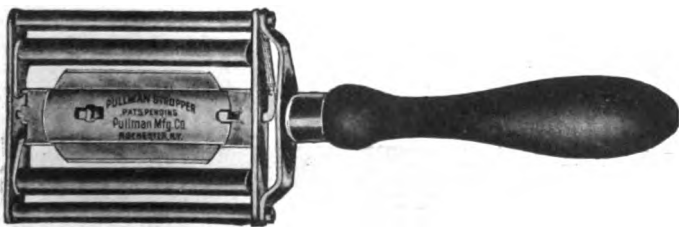


Each

No. 1DD—For Durham Duplex Razor Blades, Constructed on the Same Principle as the Twinplex De Luxe, a Beautiful Little Machine as Perfectly Adjustable as a Fine Watch, with a Dovetailed Wooden Case Covered with Handsome Leather Grained Cloth, Lined with Purple Velvet\$5.50

The Durham Duplex Blade is narrower and larger than a Gillette and is rigid, where a Gillette is flexible, therefore they require a different model strop.

PULLMAN AUTOMATIC



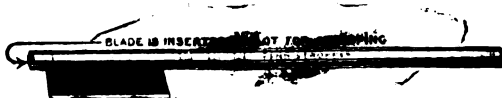
Nickel Plated Steel Frame, Ebonized Wood Handle.

Per Dozen

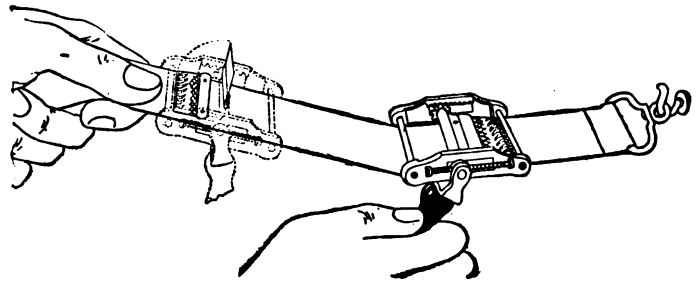
No. 1—For Gillette Blades\$17.00
No. 2—For Ever-Ready and Gem Blades 17.00

The blade is clamped fast on a holder, on each side are two rollers bearing on the strop. Strops all edges without removing blade from holder. Perfectly made and finished.

THE PENN



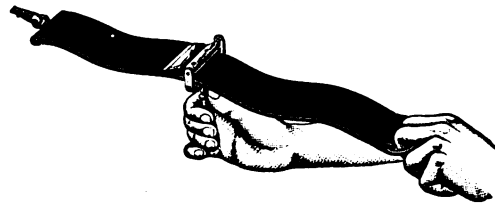
GEM AUTOMATIC, WITH STROP



Per Dozen

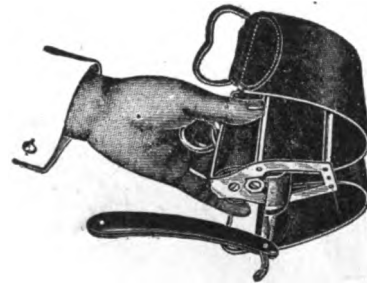
Gem Damaskeene Automatic—Brass and Steel Frame, Ratchet Movements, Reinforced Spiral Springs, Highly Nickel Plated, Ebony Finish Handle, Complete with Specially Prepared Single Leather Strop, Will Fit Gem, Superior, Star, Ever-Ready and Clark Blades\$22.00

ZIG ZAG AUTOMATIC, WITH STROP



Per Dozen

Zig Zag—Steel Frame, Handsomely Nickel Plated, Ebonized Wood Handle, Fine Selected Horsehide Strop with Large Loop and Finger Grip, Complete with Regular Holder for Heavy Backed Blades and Special Holder for Thin Blades\$17.00
One in a Carton; One-half Dozen in Display Case.
PERFECT



Per Dozen

No. 1500—Nickel Plated Steel Frame, with Ring and Large Loop Handles, 3×16 inch Specially Prepared Lightning Strop, Will Sharpen Old Style Razors and Any Style Safety Razor Blades\$21.00
EVER-READY



Per Dozen

Ever-Ready—Solid Brass, Heavily Nickel Plated, without Springs or Delicate Parts to Get Out of Order, with Genuine Horsehide Strop and Extra Holder for Double-Edged Blades\$18.00
Strops automatically, precisely and efficiently.

Penn—Brass, Silver Plated, $6\frac{1}{4}$ inches Long, $\frac{1}{4}$ inch Thick, Will Hold All Kinds of Flat Single Edge Blades\$5.20

STAPLE RAZOR BLADES



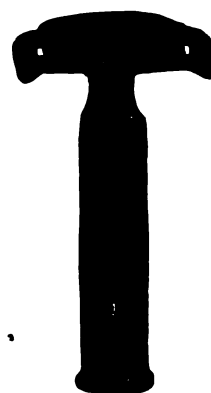
Per Card of 25 Pkgs.

Staple—Made from Finest Imported Steel, Secretly Tempered, Made to Fit Ever-Ready and Gem Razors, 3 Blades in a Package, 25 Packages on a Display Card\$3.00

SAFETY CORN SHAVERS



Cut Shows Complete Set.



Per Dozen

Anticor—Standard Set, Silvered Nickel Plated Razor, with Adjustable Handle, Six Double-Edged Blades in Nickel Plated Blade Box, All Contained in a Nickel Plated Heavy Metal Case, Finely Finished...\$4.00

Per Package

Extra Anticor Blades—Six in a Package.....\$0.60

RAZOR STROPS

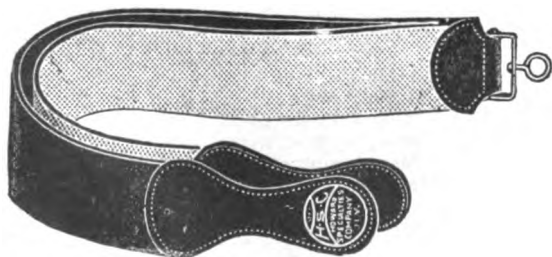


Per Dozen

No. 27—22x2 inches, Single, Black Horsehide, Oil Finish\$ 3.00

No. 85—Frankfurth, 24x2 1/4 inches, Single, Extra Quality Genuine Shell Horsehide, Tan Color..... 15.50

One Dozen in a Box.



Per Dozen

No. 14—20x2 inches, Double Swing, Genuine Horsehide Front, Linen Back, Tan Finished Plain Handles, Nickel Plated Jumbo Swivel, Each Strop in a Wrapper\$4.00

One-half Dozen in a Box.



Per Dozen

No. 35—Safety, 18x1 1/4 inches, Combination Oil Horsehide and Calfskin, Nickel Plated Swivel, Adapted to Safety Razors\$5.00

One Dozen in a Box.



Per Dozen

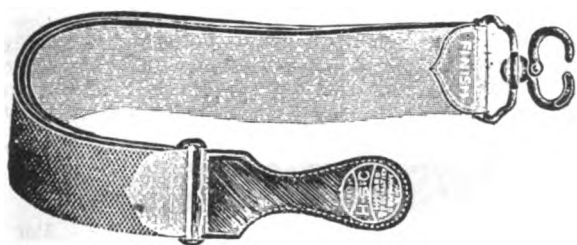
No. X4—21x2 inches, Double Swing, Combination Oxblood Cowhide and White Lisle Canvas, Sewed Leather Handles and Tip, Nickel Plated Swivel...\$ 7.50

No. X4X—21x2 inches, Double Swing, High Grade Combination Red and Black Horsehide, Self-Honing, Black Cowhide Sewed Handles and Tip, Nickel Plated Swivel 10.00

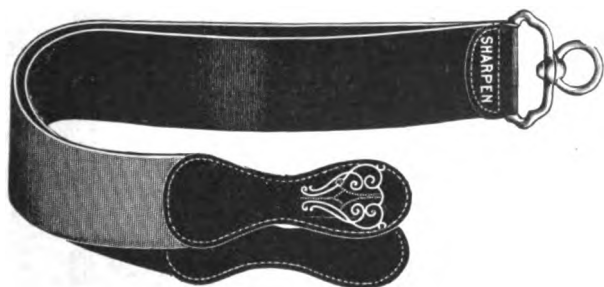
No. 34—22x2 1/4 inches, Double Swing, Self-Honing, High Grade Red and Black Horsehide, Sewed Leather Handles, Nickel Plated Swivel..... 10.50

One-half Dozen in a Box.

RAZOR STROPS



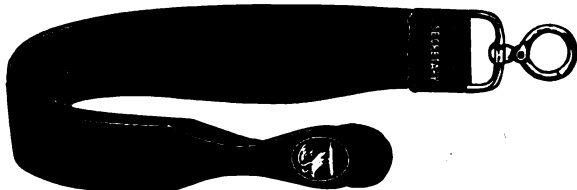
No. 500—Frankfurth, 24x2 1/4 inches, Double Swing
Buffed Finished Horsehide Front, Corrugated Cowhide Leather Back, Stitched Padded Handle, Nickel Plated Clutch Swivel, Each Strop in a Wrapper...\$11.00
One-half Dozen in a Box.



No. 840—Frankfurth Seventh Regiment, 24x2 1/2 inches, Double Swing, Self-Honing, Combination Genuine Horsehide, Red and Black, Open Black Handle, Gold Plated Swivel.....\$14.00
One-half Dozen in a Box.

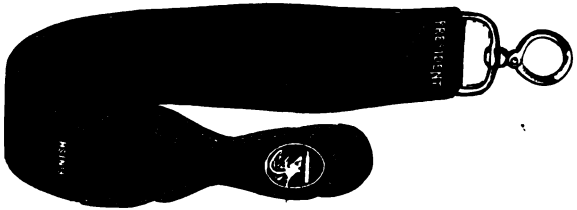


No. 404—U. S. Cavalry, 24x2 1/4 inches, Double Swing, Self-Honing, Combination Horsehide, Red Sharpening and Black Finishing Side, Military Nickel Trimmings\$12.00
One-half Dozen in a Box.

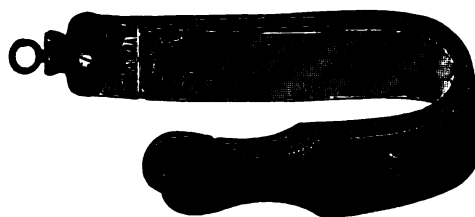


No. 850—26x2 1/4 inches, Double Swing, Combination Extra Heavy Genuine Horsehide Russia Hone Sharpener, Black Genuine Pigskin for Finishing, Fashionable Handles, Gilt Open Clutch Swivel....\$17.00
Pigskin, because of the peculiar nature of the pores in the hide, possesses an unusually fine sharpening surface after proper buffing and finishing.

One-half Dozen in a Box.



No. 950—Frankfurth President, 25x2 1/2 inches, Extra Large, Double Leather Swing, Black Sharpener and Red Finishing, Soft and Pliable, Stitched Leather Handles, Gilt Open Clutch Swivel.....\$20.00
One-half Dozen in a Box.



Per Dozen

No. 403—Frankfurth, 24x2 1/4 inches, Double Swing, Combination Red and Black Horsehide, Self-Honing Leather Handles, Gilt Open Clutch Swivel....\$17.00
No. 90—Frankfurth Velvet Finish, 25x2 1/4 inches, Double Swing, Smooth Velvet Finished Front, Genuine Horsehide Back, Gun Metal Finish Swivel, Plain Handles 17.50

One-half Dozen in a Box.



Per Dozen

No. 100—Frankfurth, 25x2 1/4 inches, Double Swing, Extra Quality Genuine Horsehide, Black and Tan Buff Reversible Finish Leather, Leather Handles, Gilt Finish Open Clutch Swivel.....\$20.00

One-half Dozen in a Box.



Per Dozen

No. 800—Frankfurth, 24x2 1/4 inches, Combination, Genuine Shell Horsehide Belt, Tan Finish, Combined with Finely Woven Scotch Finished Web, Oval Gilt Finish Swivel, Each Strop in Wrapper.....\$24.00

One-half Dozen in a Box.



Per Dozen

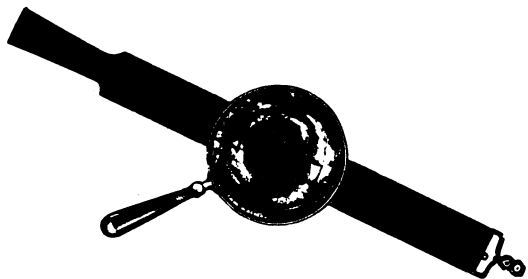
No. 900—Frankfurth, 26x2 1/4 inches, Double Swing, Genuine Black Horsehide, Sharpening Side Finished with Special Sharpening Preparation, Special Finishing Side, Gold Open Clutch Swivel and Printing, Each Strop in a Wrapper.....\$24.00

One-half Dozen in a Box.

RAZOR STROPS

CARBORUNDUM

The Carborundum Razor Stropps are cut from the choicest leather, especially tanned and prepared. One side of the strop is corrugated, and into these corrugations the finest of Carborundum Powder is rolled. A few strokes of the razor on the corrugated side will bring the blade to a keen edge; a few more strokes on the finishing side and the razor has that smooth, non-pulling edge. These stropps are fitted with novel and practical trimmings. One great advantage in using the Carborundum Razor Strop is that it always remains soft and pliable.



Cut Shows Corrugations and Carborundum Powder Under Magnifying Glass.



No. 436—26x2 1/4 inches, Selected Quality Medium Weight Genuine Horsehide, One Side Corrugated and Filled with Carborundum Powder, Nickel Plated Single Swivel Ring, Russet Embossed Leather Handle \$15.00
One-half Dozen in a Box.



No. 440—26x2 1/4 inches, Single Strop, Cut from Heavy Genuine Horsehide, Sharpening Side is Corrugated and Filled with Carborundum Powder, Gilt Brass Split Ring Swivel, Embossed Leather Handle..... \$18.00
One-half Dozen in a Box.



No. 450—22x2 1/4 inches, a Splendid Quality of Horsehide, Nickel Plated Single Ring Swivel, Embossed Leather Handle \$10.80

One-half Dozen in a Box.



No. 428—26x2 1/4 inches, Genuine Red Tanned Selected Shell Horsehide, One Side Corrugated and Filled with Carborundum Powder, Brass Single Swivel Ring, Embossed Russet Leather Handle..... \$21.00

One-half Dozen in a Box.

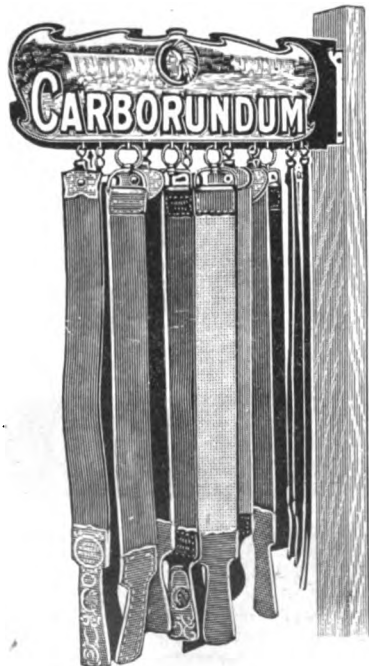


No. 431—26x2 1/4 inches, Selected Quality Medium Weight Shell Horsehide, Finished in Satin Tan, One Side Corrugated and Filled with Carborundum Powder, Gilt Brass Split Ring Swivel, Embossed Leather Handle \$24.00

One-half Dozen in a Box.

RAZOR STROP DISPLAY HANGER

Furnished Free with One Dozen Carborundum Razor Stropps.

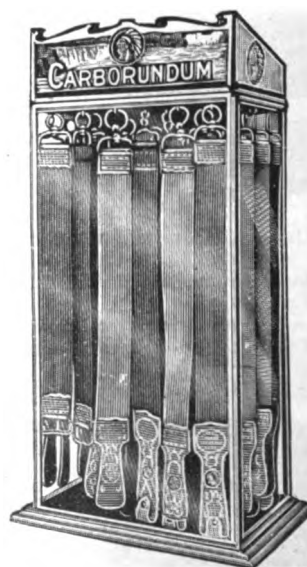


Each

Display Hanger—This Hanger Consists of a Beautifully Lithographed Steel Display Panel, it is Done in Eight Colors and White, Showing a Striking View of Niagara Falls and Indian Head Trade Mark, the Panel is Fitted with a Bracket that Can be Put up in a Display Window Corner, Attached to a Case, Counter or Store Wall, a Series of Hooks at the Bottom of Panel Will Hold One Dozen Stropps..... \$.....

RAZOR STROP DISPLAY CASE

Furnished Free with Six Dozen Carborundum Razor Stropps.



Each

Display Case—Height 29 inches., Depth 9 3/4 inches, Width 15 1/2 inches, Steel Frame, Copper Oxide Finish, Heavy Glass Panels, Double Doors in Rear, Interior of Case is Fitted with a Series of Hooks Arranged on Sliding Bars, Case Will Hold Six Dozen Stropps, All Stropps Hang Full Length, the Case is Practically Dust Proof and is a Decidedly Attractive Display \$.....

RAZOR STROPS



- No. 7X—Combination, 13 1/2 inches Long, with Sharpening Hone and Two Stropping Belt Surfaces, with Fine Buffed Leather Finishing Side, Double Rods with Screws.....**\$8.50** Per Dozen



- No. 024—German Belt, 13 1/2 inches Long, Medium Weight Belt, Double Rods, with Screw.....**\$6.50** Per Dozen



- No. 170—11 1/2 inches Long, Combination Hone, Sharpening and Finishing Sides.....**\$4.50** Per Dozen

One-half Dozen in a Box.

Bailey Sharpener and Strop means shaving comfort. A keen, smooth shave every day in the year.

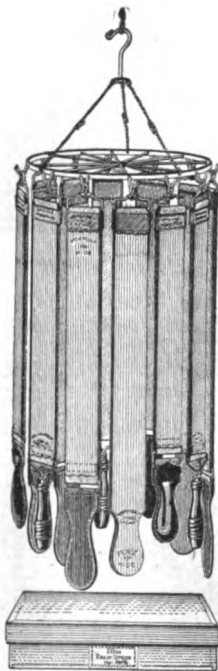


Shaving comfort lies in the keen edge of the blade. The barber proves it by stropping his razor every shave.

- Bailey—Combined Sharpener and Strop, for All Kinds of Regular and Safety Razors**\$16.00** Per Dozen

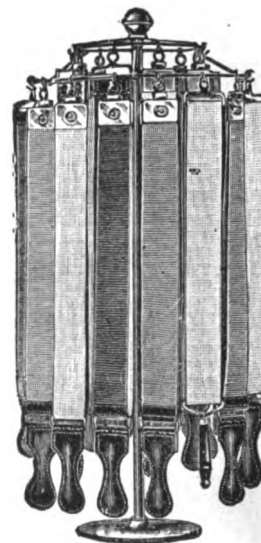
The sharpening and stropping surface are mounted on a cushion back. The flexible surface hugs the blade and slides across at the right angle—that delicate cross-grain motion—never so abrupt as to tear or bend the delicate edge. The sharpening surface is treated with a delicate abrasive on a soft surface. The surface is of the finest oil treated calfskin, a few strokes will put your blade in a good condition.

RAZOR STROP ASSORTMENTS



- No. 1—Assortment, Common Horsehide, with Canvas Hose, Assorted 6 Different Styles, 2 of Each Style, Including the Very Best Values, with Display Rack..**\$4.00** Per Assortment

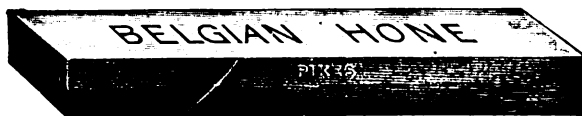
DISPLAY STANDS



- No. 2—Nickel Plated Display Stand, for Displaying Razor Stropps, Will Hold 24 Stropps, Complete with Hooks..**\$4.50** Each

- No. 1600—Assortment, Contains 1 Each of 12 Different Styles of Razor Stropps, to Retail from 50 Cents to \$2.00, with Display Rack**\$16.00** Per Assortment

RAZOR HONES



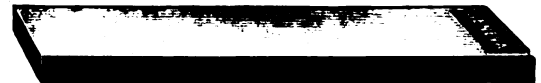
Genuine Belgian—Fine, $7 \times 1 \frac{1}{2}$ inches..... Per Dozen \$10.00
 Genuine Belgian—Extra Fine, $8 \times 1 \frac{3}{4}$ inches..... 20.00
 One-half Dozen in a Box.



Genuine Escher & Co.'s Water Hone, Dark Blue Color,
 Uniform Grit, with Rub Stone.
 Size, Inches $7 \times 1 \frac{1}{2}$ 8x1 3/4
 Per Dozen \$4.50 8.00
 One-half Dozen in a Box.



Genuine Franz Swaty— $5 \times 2 \times \frac{1}{2}$ inches, a Composition
 Hone, Extra Fine Grit, May be Used Dry or with
 Oil or Water, Imparts a Smooth Keen Edge.....\$9.00
 One-half Dozen in a Package.



Geneva— $5 \times 2 \times \frac{1}{2}$ inches, Finest Grit, May be Used Dry,
 but the Use of Lather is Recommended to Give
 Best Results, a Few Strokes Will Impart a Fine
 Durable Edge, Both Sides of Hone are Alike.....\$8.00
 One-half Dozen in a Package.

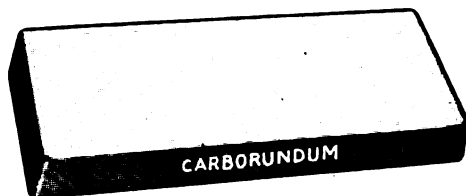


Carborundum, Can be Used with Lather or Water.

Made from Extra Fine Hand-Washed Carborundum Powder, is Fast Cutting and Uniform. Two or Three Strokes of the Razor Brings a Keen, Hair-Splitting Edge.

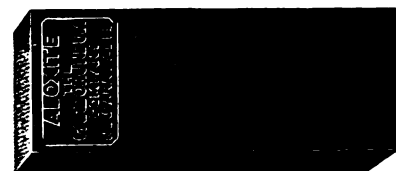
Nos.	102	103	101A	101	105
Size, Inches	$4 \times 1 \frac{1}{2} \times \frac{1}{2}$	$4 \times 2 \times \frac{1}{2}$	$5 \times 2 \times \frac{1}{2}$	$6 \times 2 \times \frac{1}{2}$	$8 \times 2 \frac{1}{2} \times \frac{3}{4}$
Per Dozen	\$6.00	9.00	12.00	18.00	24.00

One-half Dozen in a Box.



Carborundum Dry Hone.

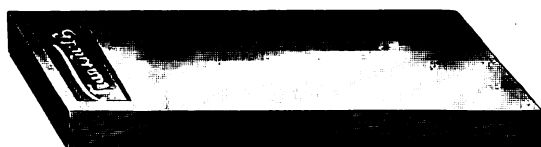
No. 106— $4 \times 2 \times \frac{1}{2}$ inches, a Splendid Hone, Uniform,
 Velvety, Smooth, Fast Cutting, to be Used without
 Water, Lather or Any Preparation, Gives a Smooth,
 Non-Pulling Edge\$9.00
 One-half Dozen in a Box.



Aloxite Hone.

No. 200— $5 \times 2 \times \frac{1}{2}$ inches, Absolutely Uniform Through-
 out, Fast and Clean Cutting, Will Give a Keen,
 Smooth, Velvet-Like Edge\$9.00
 Made from Aloxite, a manufactured abrasive, hard, sharp
 and tough, the ideal material for steel grinding or sharpening.

One-half Dozen in a Box.



Can be Used with Either Water or Oil.

Frankfurth— $5 \frac{1}{2} \times 2 \times \frac{1}{2}$ inches, Finest Hone Made, Uni-
 form Sharp Grit, Produces Quickly a Very Fine and
 Durable Edge\$12.00
 One-twelfth Dozen in a Nice Labeled Paper Box.



To be Used with Water.

Hohenzollern— $5 \times 1 \frac{1}{2}$ inches, with Rub Stone, Mounted
 in a Neat Polished Wood Box.....\$7.00

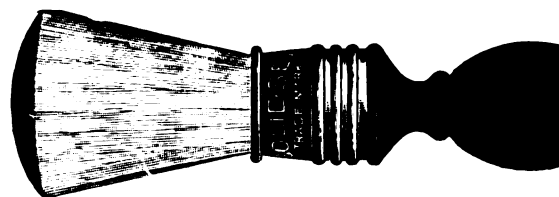
One-twelfth Dozen in a Wooden Box.

LATHER BRUSHES



No. 1623—Ebonized Handle, Special Mixed Bristles,
Badger Effect, Very Neat and Attractive.....\$4.00

One-half Dozen in a Box.



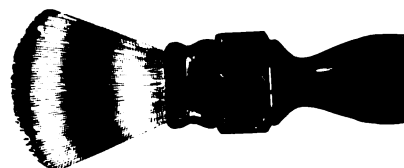
No. 1—Solidset, Fancy Ebonized Handle, Non-Corroding
Metal Ferrule, Selected Quality White Pig Bristles,
Securely Fastened, Very Showy.....\$4.00

One-half Dozen in a Box.



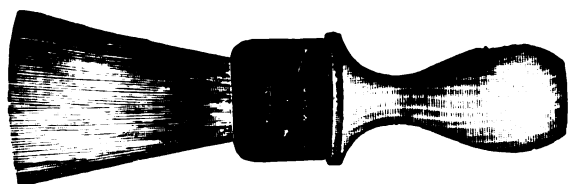
No. 2—Set-in-Tite, Black Ebonoid Handle, Highly Pol-
ished Nickel Plated Ferrule, Medium Stiff Badger
Mixed Hair\$4.00

One-half Dozen in a Carton Box.



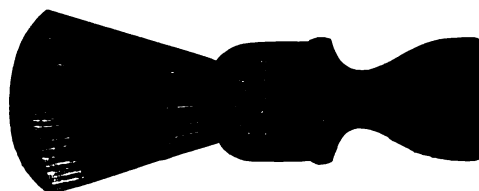
No. 1776—Large Ebonized Handle, Selected Grade Stock
with Badger Effect, Very Showy and Attractive....\$5.50

One-half Dozen in Display Box.



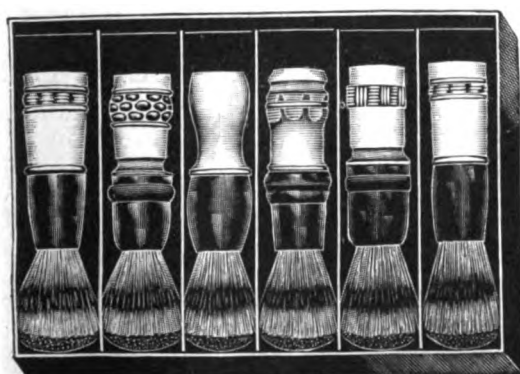
No. 1834—Assorted Small and Medium, Boxwood Fin-
ished Handle, Hard Rubber Ferrules, Special Grade
Bristles Securely Set in Hard Vulcanized Rubber...\$8.50

One-half Dozen in a Box.



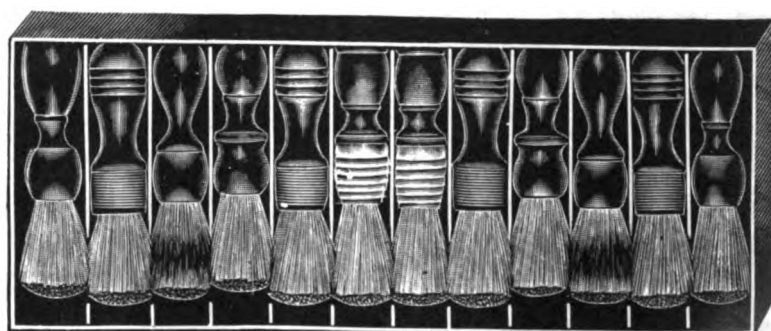
No. 500—Set-in-Rubber, Black Ebonoid Handle, Hard
Rubber Ferrule, Long Medium Stiff Badger Mixed
Hair, Each in a Carton.....\$8.00

One-half Dozen in a Box.



No. 600—Assorted Fancy Bone Handles and Horn Fer-
rules, Fine Quality Badger Mixed Stock.....\$10.00

One-half Dozen Assorted in Display Box.

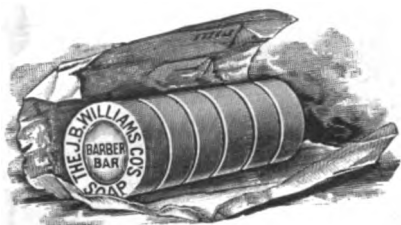


No. 89—Ping Pong Assortment, Assorted Styles, Enam-
eled Handles, Special Grade Bristles and Shaving
Brush Stock with Badger Effect.....\$2.40

One Dozen Assorted in a Box.

SHAVING SOAP

WILLIAMS



Per Pound
Barber's Bar—Round Cakes, $2\frac{1}{2}$ inches Diameter, 1 inch Thick, 6 Cakes to the Pound, 1 Pound in a Package.....\$0.60

For shaving or toilet use, produces a soft, creamy lather that softens the beard. Slow drying.

10 Pounds (60 Cakes) in a Box.



Per Dozen
Mug—Diameter of Cake $2\frac{1}{2}$ inches, Thickness $\frac{3}{8}$ inch, Each Cake in an Attractive Carton\$0.80

Perfumed, produces a rich, creamy lather, for shaving or toilet use, especially made for private mugs.

One Dozen in a Box.



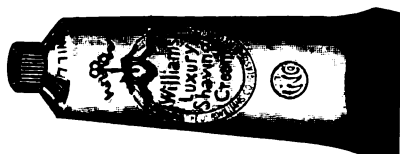
Per Dozen
No. 5—Holder Top Shaving Stick, Size of Stick $2\frac{1}{2} \times 1\frac{1}{4}$ inches, Delicately Perfumed with Attar of Rose, Wrapped in Perforated Tin Foil, in Heavy Nickel Plated Holder-Top Box\$4.30

The Holder-Top is very convenient for holding stick in the hand as one end of the stick is fastened into metal cap that serves also as a cover. When cap is removed the stick comes with it. Gives a thick, creamy lather.

One-half Dozen in Display Box.

SHAVING CREAM

LUXURY



Per Dozen
No. 15—Large Size Collapsible Tubes, Nicely Perfumed, Each Tube in an Attractive Carton\$4.30

A paste soap applied with a wet brush. Sanitary and healing.

One-half Dozen in Display Box.

SHAVING POWDER

QUICK AND EASY



Per Dozen
No. 10—Perfumed, $4 \times 1\frac{3}{4}$ inches, Nickel Plated Hinged Top Can with Hole in Top.....\$4.30

A high grade fine and soft barber's soap in powdered form to sprinkle on brush. Gives a rich, creamy lather. Sanitary.

One-half Dozen in a Box.

TALC POWDER

WILLIAMS'



Per Dozen
No. 20—Violet, Perfumed.....\$3.50
No. 25—Lilac, Perfumed 3.50

The perfume is a perfect reproduction of the flower itself. The powder is exquisitely fine and absolutely pure, in non-leaking hinged cover box.

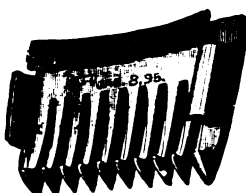
One-half Dozen in a Box.

RAZORINE



Per Dozen
Razorine—Antiseptic preparation for Use on Razor Strops, Contains no Tallow, Emery or Anything that can Injure a Razor or Strop, and will not be Affected by Change in Temperature, Neatly Wrapped in Tin Foil.....\$2.20
 One Dozen on a Display Card.

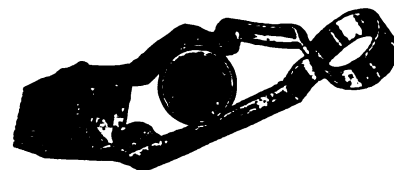
CLIPPER COMBS



Attachable Combs, Nickel Plated.
 Can be attached to Cadet, Speed, Full-back and Columbian Clippers. Each
No. 0—Increases Cut of Clipper $\frac{1}{8}$ inch\$0.40
No. 1—Increases Cut of Clipper $\frac{1}{4}$ inch40

TOILET CLIPPERS

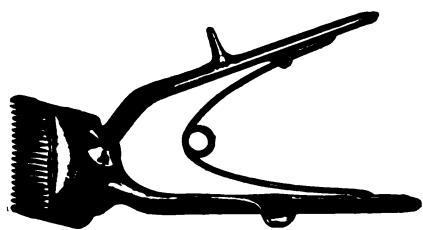
HANDY HOME



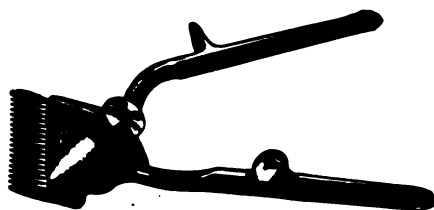
Each
Handy Home—All Steel, Fine Razor Steel Knives, Nickel Plated\$0.60

A clipper for home use. Can also be used for fetlock and horse trimming. Guaranteed to clip as well as an expensive clipper. Just the thing for cutting children's hair. A great convenience to men for side and neck trimming.

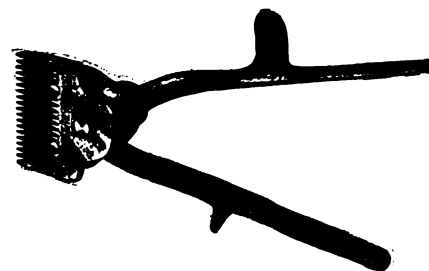
TOILET CLIPPERS



Each
Cadet— $\frac{1}{8}$ inch Cut, Elliptic Spring Between Handles, Detachable Parts, Full Nickel Plated\$1.40
 Extra Top Plates50
 Extra Bottom Plates60
 Extra Springs15



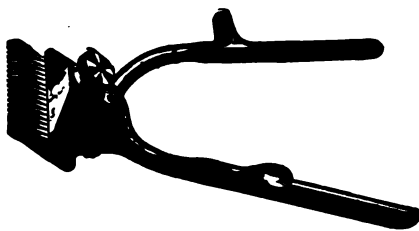
Each
Speed— $\frac{1}{8}$ inch Cut, Encased Spring, Full Nickel Plated, the Best of all Low Priced Clippers\$1.40
 Extra Top Plates50
 Extra Bottom Plates60
 Extra Springs12



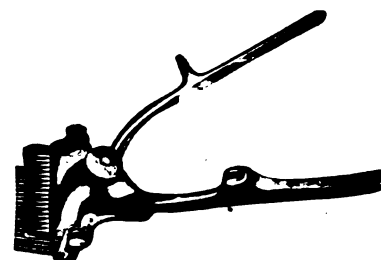
Each
Swift— $\frac{1}{8}$ inch Cut, Encased Spring, Grooved Bottom Plate, Long Slim Handles, Full Nickel Plated.....\$1.75
 Extra Top Plates60
 Extra Bottom Plates80
 Extra Springs10
 Extra Attachable Comb50



Each
Columbian Improved— $\frac{1}{8}$ inch Cut, Encased Spring, Grooved Bottom Plate, Extra Finished and Nickel Plated.....\$2.00
 Extra Top Plates60
 Extra Bottom Plates80
 Extra Springs10
 Extra Attachable Combs50

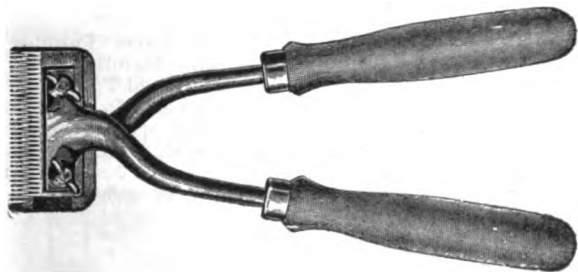


Each
Full Back— $\frac{1}{8}$ inch Cut, Encased Spring, Grooved Bottom Plate, Double Bolts, Forward Tension Bolt, Full Nickel Plated\$2.25
 Extra Top Plates60
 Extra Bottom Plates80
 Extra Springs10
 Extra Attachable Combs50

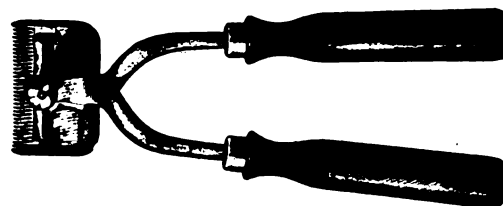


Each
No. 61—Coates, $\frac{1}{8}$ to $\frac{3}{8}$ inch Cut, Full Spring, Adjustable Comb, Full Nickel Plated...\$4.50
 Extra Top Plates70
 Extra Bottom Plates90
 Extra Combs75

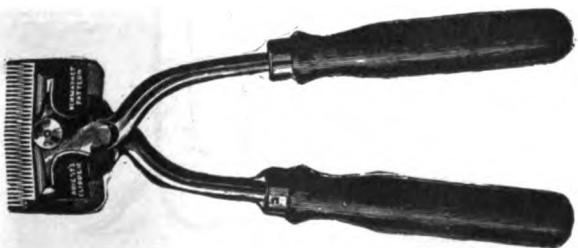
HORSE CLIPPERS



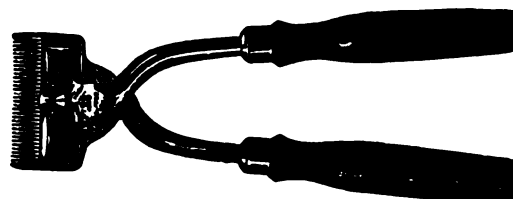
Each
Herald—Detachable Steel Plates, Polished, Two Thumb Nuts, Stained Hardwood Handles, with Ferrules...\$1.25
 Extra Top Plates50
 Extra Bottom Plates60



Each
Lenox—Detachable Steel Plates, Adjusting Top Screw, Polished, Red Stained Hardwood Handles, with Ferrules\$1.80
 Extra Top Plates70
 Extra Bottom Plates80



Each
New Market—Extra Quality, Detachable Steel Plates, Polished, Red Stained Hardwood Handles with Ferrules\$2.00
 Extra Top Plates70
 Extra Bottom Plates80



Each
Ball Bearing—High Grade, Detachable Steel Plates, Anti-Friction Ball Bearings, Full Nickel Plated, Polished Satin Wood Handles.....\$3.00
 Extra Top Plates80
 Extra Bottom Plates 1.20

All Above, One in a Box.

CLIPPERS

ONE HAND HORSE OR DOG



Hunter's.

No. 64.

Each

Hunter —Coarse Teeth, Elliptic Spring, Detachable Parts, Full Nickel Plated	\$1.75
Extra Top Plates .....	.50
Extra Bottom Plates .....	.60
Extra Springs .....	.15
Each	
No. 64 —Heavy Pattern, Coarse Teeth, Elliptic Spring, Detachable Parts, Full Nickel Plated	\$2.00
Extra Top Plates .....	.70
Extra Bottom Plates .....	.90
Extra Springs .....	.15

SHEEP SHEARING MACHINES

STEWART BALL BEARING

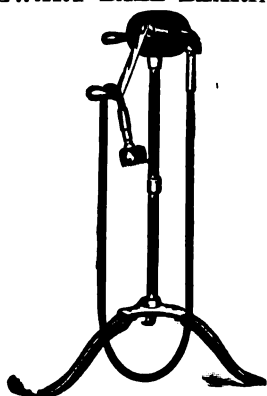


Each

No. 9 —Rigid Tripod, Two-Piece Tubular Upright, Ball Bearing Shearing Head and Shaft Joints, Producing a Machine that Turns Easier and Cuts Faster, Complete with No. 7 Ball Bearing Shear, 4 Combs and 4 Cutters	\$11.50
Weight Each, Boxed, 50 Pounds.	

HORSE CLIPPING MACHINES

STEWART BALL BEARING

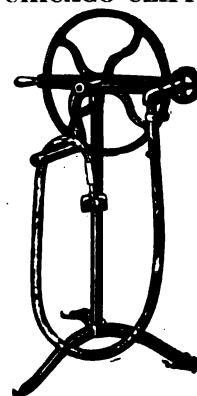


Each

No. 1 —Enclosed Gear Type, Rigid Tripod Base, Two-Piece Tubular Upright, Solid Metal Cut Gears Enclosed in a 6x11x12½ inch Dust Proof Metal Box, Hardened Steel Wearing Parts, 6½ foot Easy Running Flexible Steel Shaft, with Stewart One-Nut Tension Knife	\$7.50
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Weight Each, Boxed, 36 Pounds.

CHICAGO CLIPPER



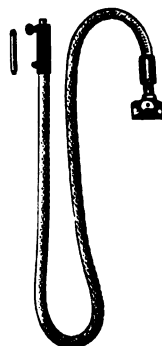
Each

No. 2 —Chicago Clipper, Rigid Tripod Base, Tubular Steel Upright, Large Strong Crank Handle, Solid Metal Cut Teeth in Large Gear, Hardened Tool Steel Wearing Parts, Positive Hand Power, No Belt to Slip, 6½ foot Flexible Steel Shaft, with Stewart One-Nut Tension Knife, Light Running and Noiseless	\$10.75
Weight Each, Boxed, 70 Pounds.	

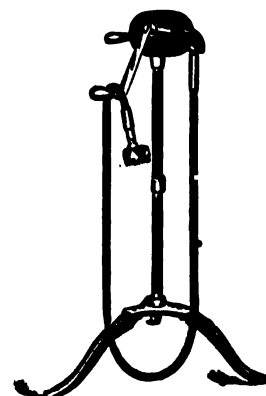
COMBINED HORSE CLIPPING AND SHEEP SHEARING MACHINE
ENCLOSED GEAR TYPE

No. 8.

Showing Machine Fitted for Sheep Shearing.



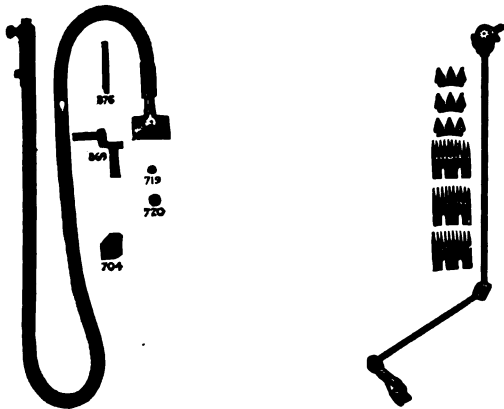
Showing Horse Clipping Attachment.



No. 80.

Showing Machine Fitted for Horse Clipping. Each

No. 8 —Stewart Enclosed Gear, 39 inches High, Solid Tripod Base, Two-Piece Tubular Upright, Solid Steel Cut Gears, Hardened, All Moving Parts Enclosed in Dust Proof Case, where they Run in Oil, Shearing Shaft is of the Solid Core Universal Jointed Type, Stewart Shearing Handle, 4 Combs and 4 Cutters, Weight Boxed 45 Lbs.	\$ 9.75
No. 80 —Combined Machine, Consists of One No. 8 Shearing Machine Complete, and Horse Clipping Attachment, as Shown Above, Weight Complete Boxed 52 Lbs.	15.25

CLIPPING AND SHEARING
MACHINE ATTACHMENTS

No. 10—For Sheep Shearing Machines. No. 15—For Horse Clipping Machines.

- Each
- No. 10—Horse Clipping Attachment, Consists of Eye Spindle and 6½ feet of High Grade Flexible Shaft, Complete with Chain and Stewart One-Nut Tension Knife, Can be Used on Any Stewart Sheep Shearing Machine, Weight Each 6 Lbs.\$5.50
- No. 15—Sheep Shearing Attachment, Consists of Complete No. 5 Shear Head, 4 Sets of Combs and Cutters, Universal Jointed Solid Core Shaft and Cogs, Can be Used on Nos. 1 and 2 Horse Clipping Machines, Weight Each 15 Lbs. 7.75

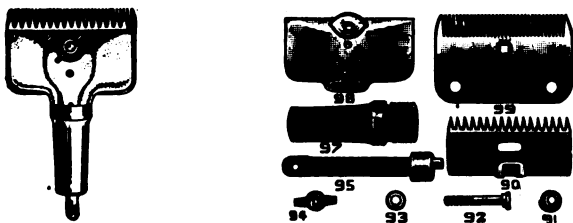
FLOAT ATTACHMENT



- Each
- Dental Float Attachment—Nickel Plated, with Round Revolving Discs or Files, Weight 2½ Lbs.\$4.25
- Extra Discs or Files.50

Can be used on any clipping machine in place of the knife, for filing down the teeth of horses and put them in good healthy condition.

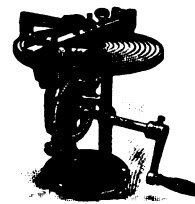
CLIPPING MACHINE KNIFE PARTS



Handle Complete.

For Stewart's One-Nut Tension Knives.

- | No. | Description | Each |
|---------|-----------------------------|--------|
| No. C1 | Knife and Handle, Complete | \$3.50 |
| No. C2 | Knife, without Handle | 2.50 |
| No. C3 | Handle Only, without Knives | 1.00 |
| No. 90 | Top Plate, for Old No. 1 | 1.00 |
| No. 91 | Tension Spring of Handle | .05 |
| No. 92 | Tension Bolt of Handle | .05 |
| No. 93 | Eccentric Roll of Handle | .10 |
| No. 94 | Tension Nut of Handle | .05 |
| No. 95 | Pin and Shaft of Handle | .35 |
| No. 97 | Shank of Handle | .40 |
| No. 98 | Front Part of Handle | .50 |
| No. 99 | Bottom Plate, for Old No. 1 | 1.50 |
| No. 360 | Top Plate, for New No. 1 | 1.00 |
| No. 361 | Bottom Plate, for New No. 1 | 1.50 |

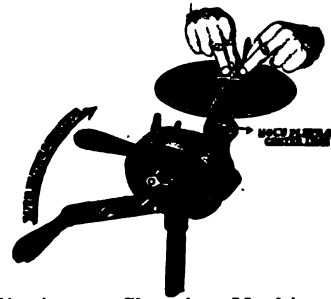
STEWART KNIFE GRINDERS
AUTOMATIC

For Horse Clipping and Shearing Machine Knives.

- | No. | Description | Each |
|-------|--|--------|
| No. 1 | Fitted for Horse Clipping Knives | \$6.00 |
| No. 2 | Fitted for Sheep Shearing Knives | 6.00 |
| No. 3 | Fitted for Both Horse and Sheep Knives | 6.50 |
- Weight Boxed 60 Pounds.

Made of metal throughout. Grinds the knives of horse clipping and sheep shearing machines in a few seconds to cut equal to new. Requires no skill or experience, as it is automatic and cannot do it wrong. If it is desired to run it by power a pulley may be substituted for the crank.

IMPROVED STEWART

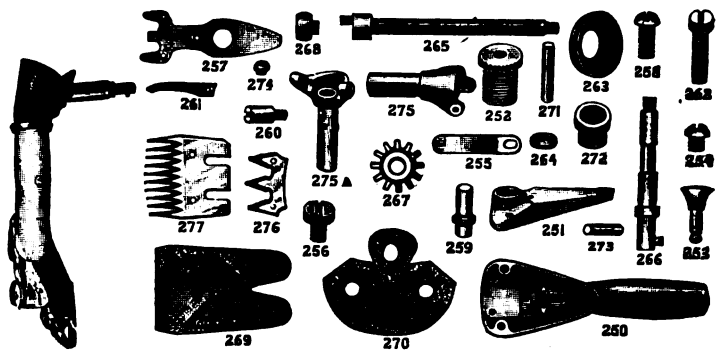


- Each
- No. 11—For Clipping or Shearing Machine Knives, Attaches to Any No. 1 Stewart Horse Clipping Machines or No. 8 or 9 Sheep Shearing Machine.\$3.50
- Weight Boxed 9 Pounds.

Made of metal throughout, can be attached to the gear case of the machine in place of the shaft, for grinding the knives of horse clipping and sheep shearing machines.

Note—In ordering Grinder, specify kind of knife it is to be used for.

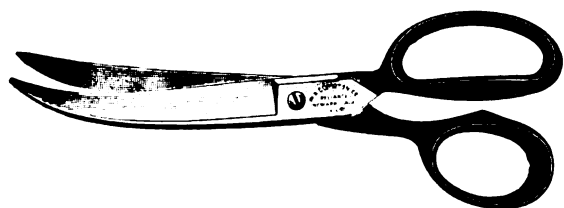
SHEARING KNIFE PARTS



- Each
- No. 5—Shear Handle Complete.\$4.50

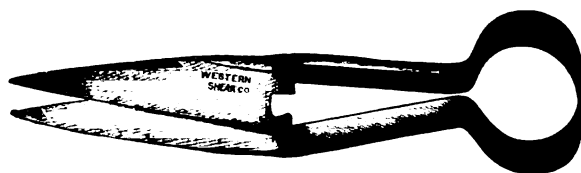
- | No. | Description | Each | No. | Description | Each |
|-----|-------------------|--------|------|-------------------|--------|
| 250 | Shell | \$1.00 | 265 | Main Spindle | \$0.50 |
| 251 | Lid | .50 | 266 | Joint Spindle | .25 |
| 252 | Tension Nut | .25 | 267 | Cog | .40 |
| 253 | Tension Pin | .25 | 268 | Crank Roller | .20 |
| 254 | Oil Hole Screw | .05 | 269 | Handle Grip | .25 |
| 255 | Tension Spring | .10 | 270 | Joint Guard (Set) | .25 |
| 256 | Comb Screw | .10 | 271 | Tongue Pin | .02 |
| 257 | Fork | 1.50 | 272 | Shell Cup | .10 |
| 258 | Tension Sp. Screw | .05 | 273 | Joint Spindle Pin | .02 |
| 259 | Fork Pin | .05 | 274 | Fulcrum Ball | .10 |
| 260 | Joint Screw | .05 | 275 | Upper Joint Yoke | .50 |
| 261 | Fork Tongue | .25 | 275A | Lower Jt. Yoke | .50 |
| 262 | Lid Screw | .05 | 276 | Cutter | .15 |
| 263 | Ferrule | .05 | 277 | Comb | .50 |
| 264 | Tension Nut Disc | .10 | | | |

FETLOCK OR ROACHING SHEARS



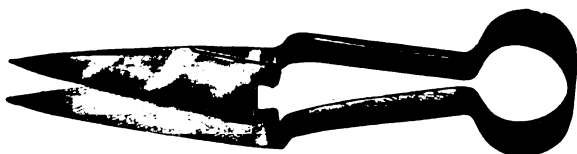
No. 30—9 inches Long, Drop Forged Steel Laid, Japanned Handles, Serrated Edge, Nickel Plated Blades **\$24.00**
 One-half Dozen in a Box.

SHEEP SHEARS

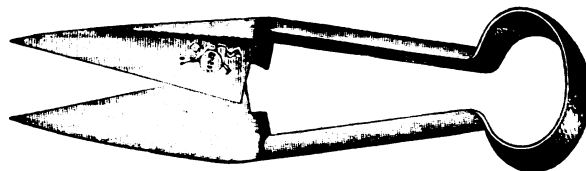


No. 530—Western, 5 1/2 inch Blades, Solid Steel, Polished Blades and Handles, Black Bow **\$8.50**
 One-half Dozen in a Box.

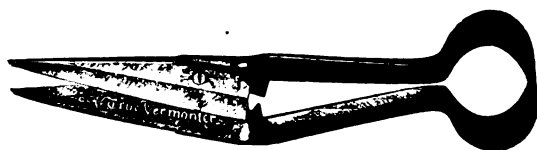
SHEEP SHEARS



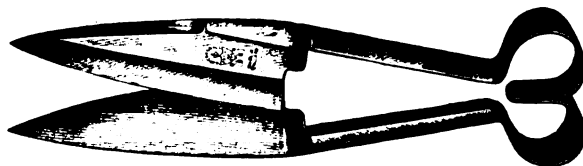
No. 122—Wilkinson's, Cast Steel, Trowel Shank, Glazed Blades, Straight.
 Length of Blades, Inches..... 5 5 1/2
 Per Dozen **\$24.00** 24.00
 One-half Dozen in a Box.



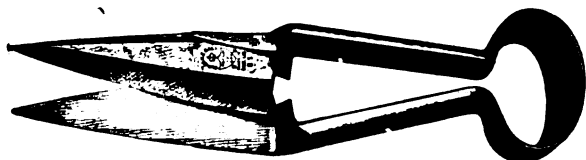
No. 3755—Wilkinson's, Solid Cast Steel, Full Polished Blades, Swaged and Bent.
 Length of Blades, Inches..... 5 5 1/2
 Per Dozen **\$20.00** 20.00
 One-half Dozen in a Box.



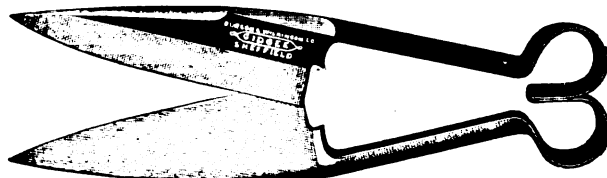
No. 3757E—Wilkinson's, Solid Cast Steel, Full Polished, Swaged and Bent Blades, One Blade Etched "True Vermonter".
 Length of Blades, Inches... 5 5 1/2 6
 Per Dozen **\$24.00** 24.00 25.00
 One-half Dozen in a Box.



No. 3762—Burgon and Ball, Solid Cast Steel, Full Polished, Swaged and Bent Blades, Double Bow.
 Length of Blades, Inches.. 5 5 1/2 6
 Per Dozen **\$18.70** 18.70 19.50
 One-half Dozen in a Box.



No. 8B—Burgon and Ball, One Piece Solid Steel, Full Polished Swaged and Bent Blades.
 Length of Blades, Inches.. 5 5 1/2 6
 Per Dozen **\$17.50** 18.00 18.80
 No. 8-S—Burgon and Ball, One Piece Solid Steel, Full Polished, Swaged and Straight Blades.
 Length of Blades, Inches.. 5 5 1/2 6
 Per Dozen **\$17.00** 17.50 18.30
 One-half Dozen in a Box.



Burgon and Wilkinson's "Gidgee", Extra Fine Solid Steel, Full Polished, Straight Swaged Blades, Double Bow.
 Length of Blades, Inches.. 6 6 1/2 7
 Per Dozen **\$30.00** 31.00 32.50
 One-half Dozen in a Box.

SHEARS

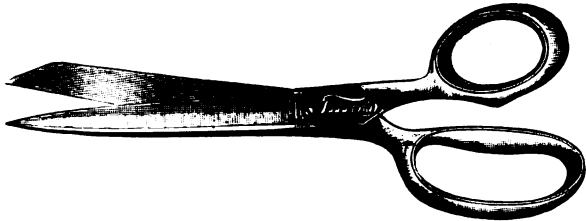
The "Frankfurth" line of Shears and Scissors are guaranteed without hesitation to remain sharp longer, cut easier and outwear any other make. Experienced, skilled labor being employed in their manufacture.

Innumerable tests are made of all material before it is put to work for the different operations.

The method that is employed in their manufacture makes it necessary that every shear blade is hardened one at a time in cold water. This insures a practical cutting edge.

The nickel plating is heavy, even and pliable. The Japanning consists of three coats of special black enamel making an elegant hard jet black finish that will resist wear.

STRAIGHT TRIMMERS



No. 1—FRANKFURTH, Straight, Drop Forged Steel Laid, Full Nickel Plated, Fully Warranted.

Length, Inches	6	6½	7	7½
Per Dozen	\$10.50	11.50	12.50	13.50

Length, Inches	8	8½	9
Per Dozen	\$14.00	15.00	17.50

No. 1L—Left Hand, Length 8 inches, Same Description as No. 1.....\$18.50



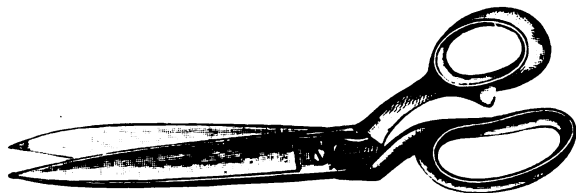
No. 4—FRANKFURTH, Straight, Drop Forged Steel Laid, Japanned Bows, Nickel Plated Blades, Fully Warranted.

Length, Inches	6	6½	7	7½	8
Per Dozen	\$8.50	9.30	10.00	10.60	11.30

Length, Inches	8½	9	10	11
Per Dozen	\$12.00	14.00	18.00	20.60

No. 4L—Left Hand, Length 8 inches, Same Description as No. 4.....\$14.50

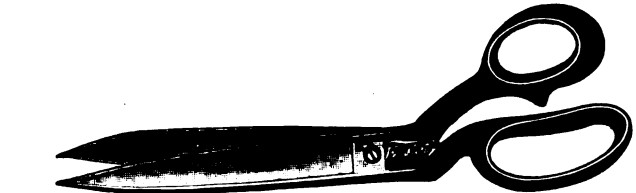
BENT TRIMMERS



No. 3—FRANKFURTH, Bent, Drop Forged Steel Laid, Full Nickel Plated, Fully Warranted.

Length, Inches	6	6½	7	7½
Per Dozen	\$11.50	12.50	13.50	14.00

Length, Inches	8	8½	9
Per Dozen	\$15.00	17.50	20.00

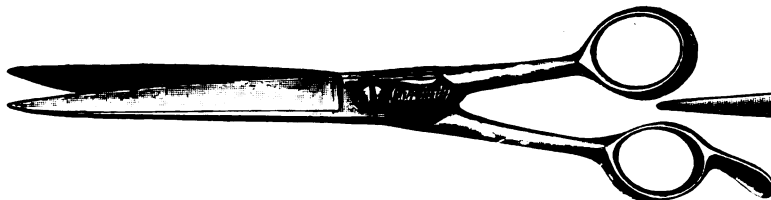


No. 6—FRANKFURTH, Bent, Drop Forged Steel Laid, Japanned Bows, Nickel Plated Blades, Fully Warranted.

Length, Inches	6½	7	7½	8	8½
Per Dozen	\$10.00	10.50	11.00	12.00	14.00

Length, Inches	9	10	11	12
Per Dozen	\$16.00	20.00	22.00	24.00

BARBERS'



FRANKFURTH, Hand Forged, Fully Warranted.

No. 8—Full Nickel Plated.

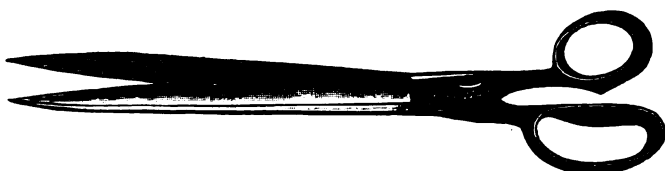
Length, Inches	7½	8
Per Dozen	\$13.00	14.00

No. 8L—Left Hand, Length 8 inches.....\$19.00

Japanned Bows, Nickel Plated Blades.

No. 9 —Frankfurth, Length 8 inches.....	\$11.30
No. 9L—Frankfurth, Left Hand, Length 8 inches....	14.50

BANKERS' OR PAPER



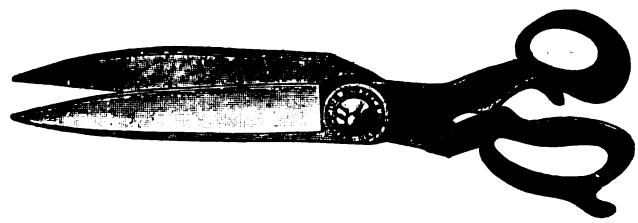
No. 10—FRANKFURTH, Drop Forged Steel Laid, Japanned Bows, Nickel Plated Blades, Fully Warranted.

Length, Inches	12	14
Per Dozen	\$22.50	29.00

FRENCH PATTERN, Fully Warranted.

No. 2701—Light Weight, Length 7½ inches, Solid Crucible Steel Blades, Finely Tempered, Carefully Ground and Set, Will Cut Easily and to the Point Will Hold a Lasting Edge, Nickel Plated Bows....	Per Dozen \$18.00
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TAILORS'



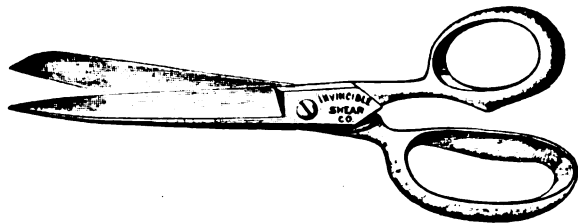
COMPTON, Best Quality Cast Steel, Japanned Bows, Raised Polished Blades.

Nos.	5R	7R
Length, Inches	13	14
Per Pair	\$9.50	12.00

All Above, One-half Dozen in a Box; Tailors', One-twelfth Dozen in a Box.

SHEARS

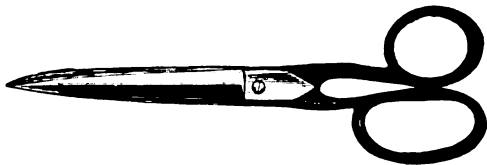
STRAIGHT TRIMMERS



"INVINCIBLE," Drop Forged Steel Laid, Nickel Plated.

Length, Inches	6	7	8
Per Dozen	\$7.50	8.00	10.00

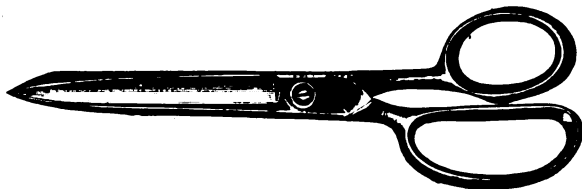
One-half Dozen in a Box.



No. 1062 1/4—Solid Steel, Light Weight Pattern, Fitted Bows, Steel Screw, Full Nickel Plated.

Length, Inches	6	7
Per Dozen	\$5.00	6.00

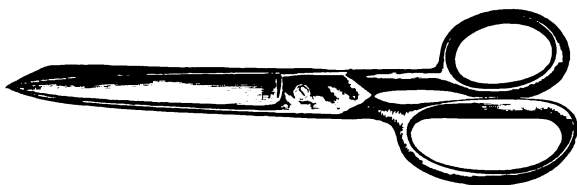
One-half Dozen in a Box.



Cast Metal, Gold Plated Bows, Nickel Plated Blades, Cushion Bearings, Brass Nut and Bolt with Washer, Excellent Finish.

No. 34—7 inches Long.....	Per Dozen
	\$4.00

One-half Dozen in a Box.

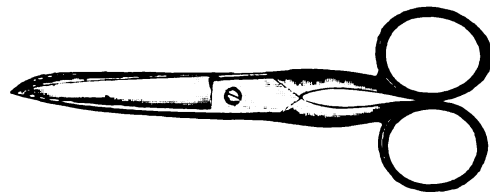


Cast Metal, Heavy Pattern, Nickel Plated Bows and Blades, Steel Screw.

No. 403—8 inches Long.....	Per Dozen
	\$4.00

One-half Dozen in a Box.

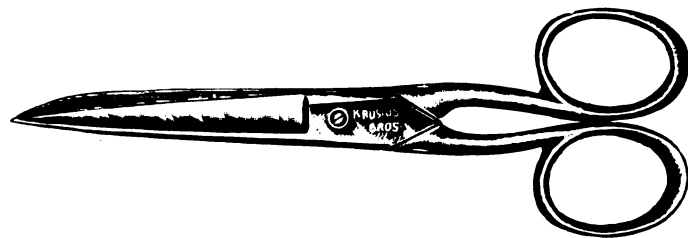
LADIES' SCISSORS



Cast Metal, Flat Pattern, Ring Handles, Steel Screw, Full Nickel Plated.

No. 250—5 1/2 inches Long.....	Per Dozen
	\$8.50

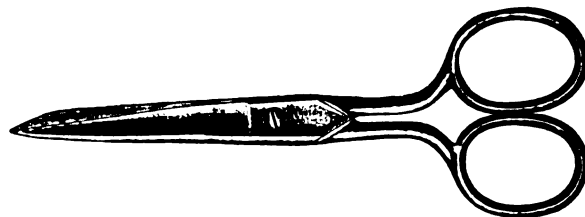
One-half Dozen in a Box.



No. 1155—Cast Steel, Crocus Polished.

Length, Inches	4 1/2	5 1/2
Per Dozen	\$5.50	6.50

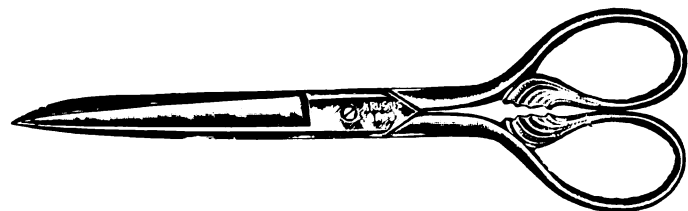
One-half Dozen in a Box.



No. 1118—FRANKFURTH, Cast Steel, Crocus Polished.

Length, Inches	4	5	6
Per Dozen	\$7.50	8.50	9.50

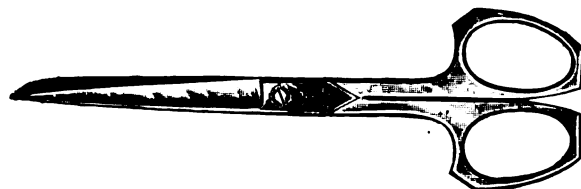
One-half Dozen in a Box.



No. 3153—FRANKFURTH, Cast Steel, Crocus Polished, Gilt Bows.

Length, Inches.....	4	4 1/2	5	5 1/2	6
Per Dozen	\$8.50	9.00	9.50	10.00	11.00

One-half Dozen in a Box.

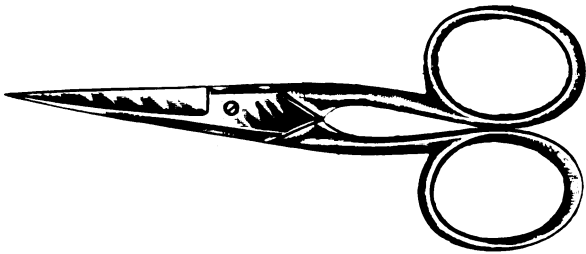


No. 332—FRANKFURTH, Cast Steel, Full Crocus Polished, Fancy Crocus Polished Bows.

Length, Inches	4 1/2	5
Per Dozen	\$9.00	10.00

One-half Dozen in a Box.

EMBROIDERY SCISSORS

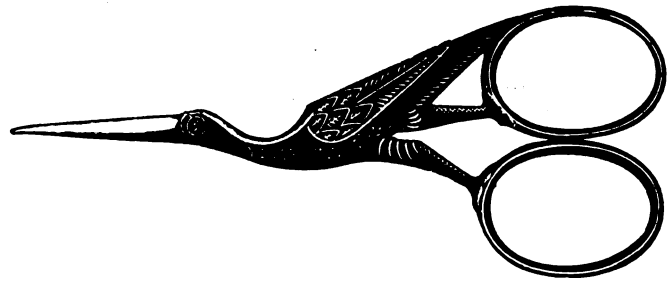


Cast Steel, Crocus Polished.

No. 1155—3½ inches Long.....\$5.00

One-half Dozen in a Box.

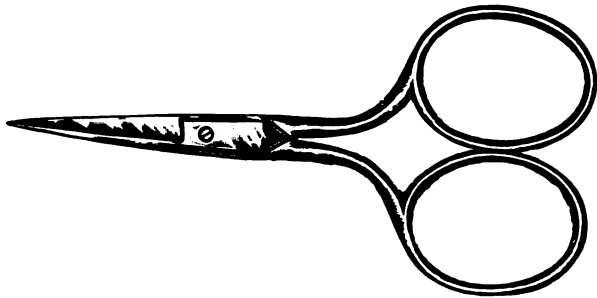
EMBROIDERY SCISSORS



FRANKFURTH, Cast Steel, Crocus Polished, Gilt Bows.

No. 1751—4 inches Long.....\$10.00

One-half Dozen in a Box.

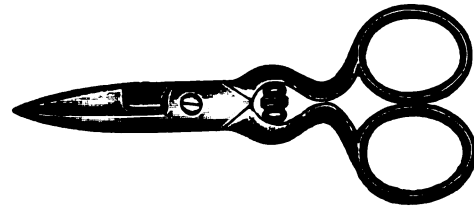


FRANKFURTH, Cast Steel, Crocus Polished.

No. 1118—3½ inches Long.....\$7.00

One-half Dozen in a Box.

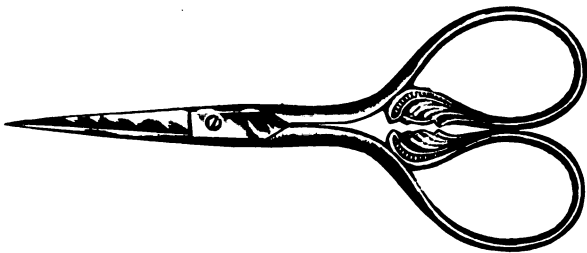
BUTTON HOLE SCISSORS



Cast Steel, Oval Pattern, Nickel Plated, Brass Adjustable Screw.

No. 87—4½ inches Long.....\$5.00

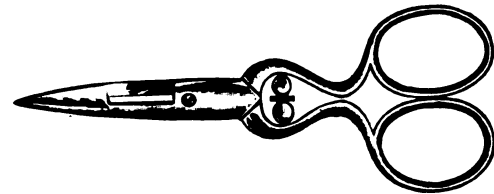
One-half Dozen in a Box.



FRANKFURTH, Cast Steel, Crocus Polished, Gilt Bows.

No. 3153—3½ inches Long.....\$8.00

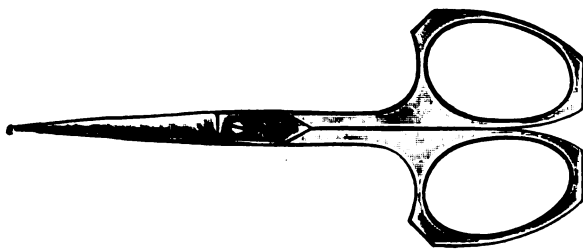
One-half Dozen in a Box.



FRANKFURTH, Refined Cast Steel, Crocus Polished.

No. 1409—4½ inches Long.....\$10.00

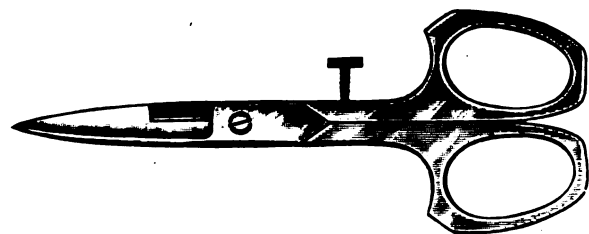
One-half Dozen in a Box.



FRANKFURTH, Cast Steel, Full Crocus Polished, Fancy Crocus Polished Bows.

No. 332—3½ inches Long.....\$8.00

One-half Dozen in a Box.

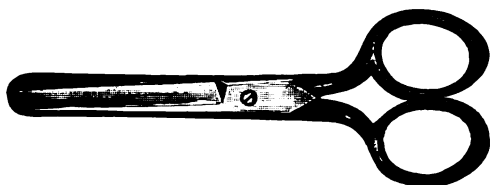


FRANKFURTH, Cast Steel, Full Crocus Polished, Fancy Crocus Polished Bows, Brass Set Screw.

No. B332—4½ inches Long.....\$11.00

One-half Dozen in a Box.

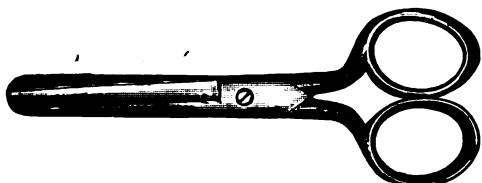
POCKET SCISSORS



Cast Metal, Heavy Pattern, Nickel Rivet, Full Nickel Plated.

No. 80—4 ½ inches Long..... Per Dozen \$2.50

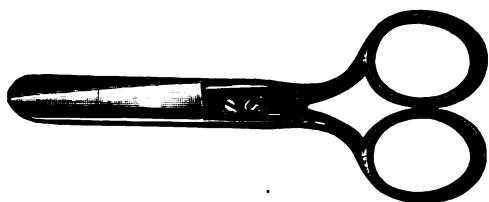
One-half Dozen in a Box.



Cast Metal, Oval Pattern, Polished Blades, Red Japanned Bows.

No. 92—4 inches Long..... Per Dozen \$1.50

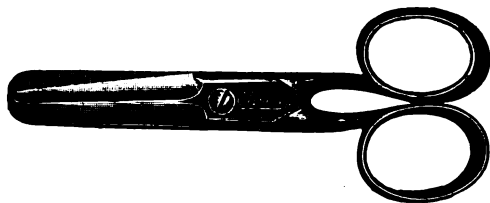
One Dozen in a Box.



Cast Steel, Flat Pattern, Steel Screw, Full Nickel Plated, Highly Finished.

No. 1253—4 inches Long..... Per Dozen \$5.00

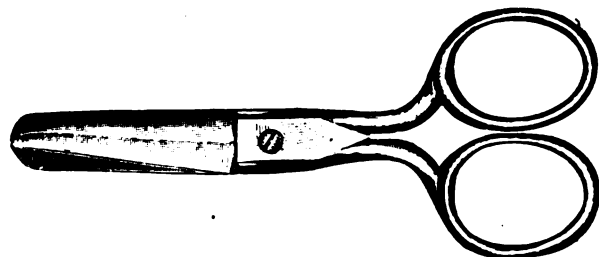
One-half Dozen in a Box.



Cast Steel, Swaged Blades, Steel Screw, Full Nickel Plated, Highly Finished.

No. 2510—4 ½ inches Long..... Per Dozen \$4.00

One-half Dozen in a Box.

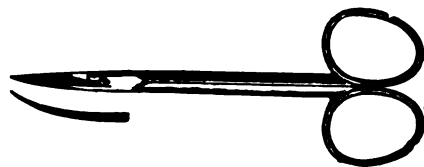


No. 1210—FRANKFURTH, Extra Refined Cast Steel, Crocus Polished.

Length, Inches	4	4 ½	5
Per Dozen	\$8.00	9.00	10.00

One-half Dozen in a Box.

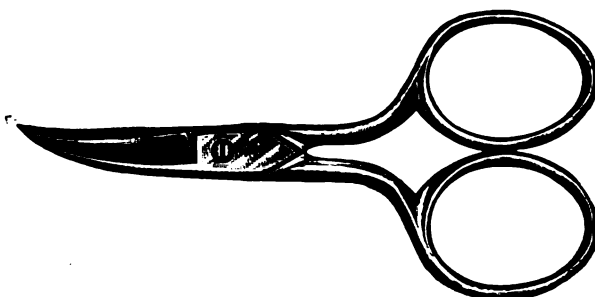
MANICURE SCISSORS



FRANKFURTH, Extra Cast Steel, Crocus Polished.

No. 1650—3 ½ inches Long..... Per Dozen \$10.00

One-half Dozen in a Box.



FRANKFURTH, Extra Cast Steel, Crocus Polished.

No. 1353—3 ½ inches Long..... Per Dozen \$10.00

One-half Dozen in a Box.

SEWING SETS



CONTENTS

3 ½ inch Embroidery Scissors, Ladies' Knife, Ribbon Leader, Stiletto, Glove Hook, Two Thread Winders, Needle Tube and Thimble. All Above Implements are of French Ivory. Three Spools Sewing Silk and Two Packages Assorted Needles.

No. 2205-I—Set Contains 14 Pieces of High Quality and Finish, Tan Crepe Grained Leather Roll with Champagne Color Velvet and Satin Lining, Size Closed 5x2 inches. Per Set \$5.50

No. 2304P—Set Contains 12 Pieces of High Quality and Finish, Light Tan Round Wicker Basket Lined with Purple Satin and a Cover of Tan Crepe Grained Leather, Size Closed 6 ½ x 5 ¼ inches Per Set \$6.50

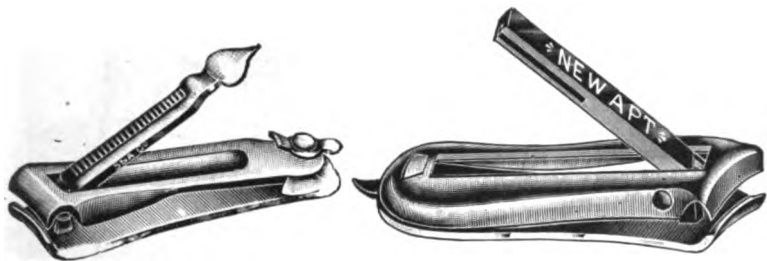
CONTENTS

3 ½ inch Embroidery Scissors, Pearl Handle Stiletto, Glove Hook, Ribbon Leader and Ladies' Knife, Nickel Plated Needle Tube and Thimble, Crochet Hook, Steel Bodkin, 2 Spools Sewing Silk and Pin Cushion.



MANICURE IMPLEMENTS

NAIL CLIPPERS



Empire.

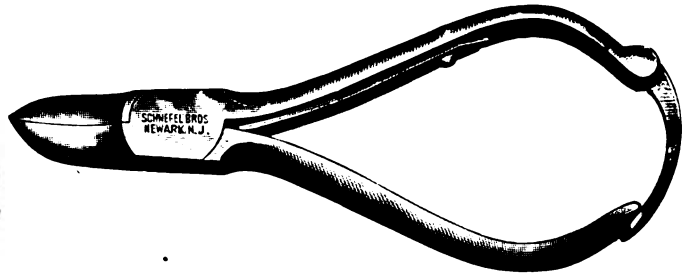
Apt.

Per Dozen

Empire—Length 2 inches, Fine Quality Steel, Two Cutting Jaws, Hardened and Tempered, Nickel Plated **\$2.00**

APT—Length 2 inches, High Grade Tool Steel Cutting Jaws, Hardened and Tempered, Highly Polished, Nickel Plated **4.00**

NAIL NIPPERS



Per Dozen

No. 1051—4 ½ inches Long, Tool Steel, Concaved Jaws, Nickel Plated and Polished..... **\$10.00**
One-half Dozen in a Box.

TWEEZERS



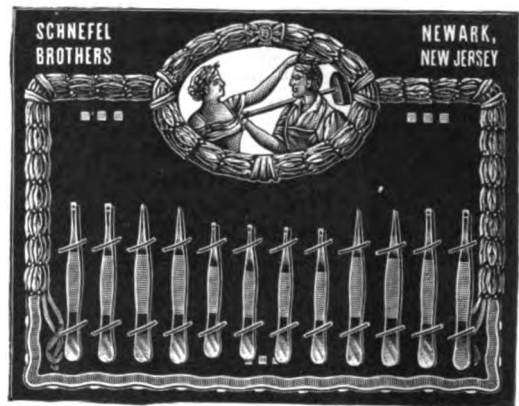
Per Dozen

No. 2070—Forged Steel, Polished and Nickel Plated, One-half Dozen Assorted Two Styles on Fancy Embossed Easel Back Card **\$1.50**



Per Dozen

No. 2071—Hand Forged Highest Quality Steel, Nickel Plated, Double Pointed, One Dozen Assorted Sizes on Display Card **\$2.40**



Per Dozen

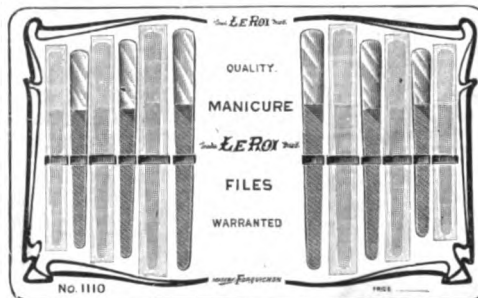
No. 2075—Hand Forged Finest Quality Steel, Polished and Nickel Plated, Assorted, Four Each of Three Styles, Mounted on Fancy Embossed Card with Gilt Border..... **\$3.50**

MANICURE FILES



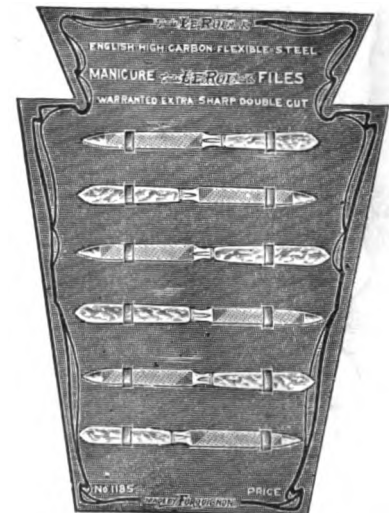
Per Dozen

No. 2040—Flexible Files, Finest Quality Steel, Hardened, Tempered, Cut and Polished, Highly Finished, Assorted 4 to 6 inches Long, One Dozen on a White Easel Back Card. **\$1.70**



Per Dozen

No. 1110—Professional Flexible Files, Files are Made of Extra Fine Quality English High Carbon Flexible Steel, Carefully Hardened and Tempered, Extra Sharp Double Cut, Length 5 to 7 inches. **\$2.50**
Packed One in Transparent Rustproof Paper, 12 Files on Display Card.



Per Dozen

No. 1185—Flexible Files, English High Carbon Flexible Steel, Carefully Hardened and Tempered, Extra Sharp Double Cut, Fine Pearl Handles, 6 Pieces on Display Card **\$4.00**



Per Dozen

No. 5060FI—Length Over All 7 ½ inches, Length of File Part 3 ½ inches, French Ivory Handles, 12 Pieces on a Card..... **\$4.00**

MANICURE IMPLEMENTS

FLEXIBLE FILES



Per Dozen
No. 2042—Hand Forged Finest Quality Steel, Full Polished and Finely Finished, 5 1/2 inches Long, with Leather Sheaths, One Dozen on Fancy Easel Back Card.....\$4.00

CUTICLE KNIVES



Per Dozen
No. 1182—Finest Quality Cutlery Steel Blades, Assorted Ebony, Stag and French Ivory Handles, One Dozen Pieces Assorted on a Card.....\$3.00

CORN KNIVES



Per Dozen
No. 1183—Finest Quality Cutlery Steel Blades, Assorted Ebony, Stag and French Ivory Handles, One Dozen Pieces Assorted on Card.....\$4.00

MANICURE SETS

All Scissors Used in Our Manicure Sets are Forged from the Finest Quality Steel, and All Other Implements are Highest Grade in Quality of Material as Well as Finish and Workmanship.



Per Card of 6 Pieces
No. 1178—Six Pieces, Assorted, Finest Quality Steel Blades, 4 inch French Ivory Handles.....\$2.00



Per Assort. of Six Sets
El Compacto—Four Piece Ivory Set, Consists of a Full Size (5 1/4 inch) Nail Buffer with Detachable Ring Permitting Renewal of Chamois, Leather Top and Leather Roll Handle, Containing Ivory Nail File, Cuticle Knife and Manicure Stick, Individually Boxed and Six Sets of Assorted Colors: Black, Tan, Purple, Dark Red, Dark Green and Dark Blue in Display Box\$8.50



Per Set
No. 313B—Six Piece Set, One Each Nail File, Cuticle Knife, Cuticle Stick, Ear Spoon, Tweezers and Nail Clipper, Bone Handles, Soft Black Seal Leather Case, Green Satin Lined, Size Closed 4 1/2 x 1 3/4 x 3/4 inches\$2.00



Per Set
No. 8024W—Four Piece Set, One Each Nail File, White Nail Cleaner, Hoof Shaped Manicure Stick and Nail Buffer with Leather Top and Handle, Purse Shape Case of Black Powder Grained Leather with Red Leather Lining, Size Closed 4 1/2 x 2 inches.....\$1.50



Per Set
No. 4788-Z—Five Piece Set, One Each Cuticle Scissors, Nail File, Cuticle Knife, Nail Cleaner and Hoof Shaped Stick, French Ivory Fittings, Soft Brown Suede Leather Case, Orange Satin Lined, Size Closed 4 1/2 x 1 3/4 inches\$2.60

MANICURE SETS

All Scissors Used in Our Manicure Sets are Forged from the Finest Quality Steel, and All Other Implements are Highest Grade in Quality of Material as Well as Finish and Workmanship.



No. 514B—Five Piece Set, One Each Nail Buffer, Cuticle Scissors, Nail File, Cuticle Knife and Nail Cleaner, White Bone Handles, Light Green Grained Soft Flexible Case, Green Satin Lined, Size Closed 5x2x1 inches.....\$2.60



No. 5739-I—Seven Piece Set, French Ivory Fittings, One Each Cuticle Scissors, Nail File, Cuticle Knife, Nail Cleaner, Hoof Shaped Manicure Stick, Blackhead Extractor, Adjustable Nail Buffer with Leather Top, Permitting Renewal of Chamois, Soft Gray Suede Leather Case, Green Satin Lined, Adjustable Loops, Size Closed 5 1/4 x 2 3/8 inches\$3.00



No. 4739-Z—Seven Piece Set, One Each Cuticle Scissors, Nail File, Cuticle Knife, Nail Cleaner, Hoof Shaped Manicure Stick, Blackhead Extractor and Nail Buffer with Detachable Ring Permitting Renewal of Chamois, French Ivory Fittings Throughout, Soft Brown Suede Leather Case, Orange Satin Lined, Adjustable Loops, Size Closed 5 1/4 x 2 3/8 inches\$3.80



No. 531-I—Eight Piece Set, One Each Cuticle Scissors, Nail Cleaner, Cuticle Stick, Cuticle Knife, Corn Knife, Nail File, Nail Buffer and Sheath of Emery Boards, French Ivory Handles, Blue Seal Leather Flexible Folding Case, Blue Silk Lined, Size Closed 6x2 1/4 x 1 inches\$3.75



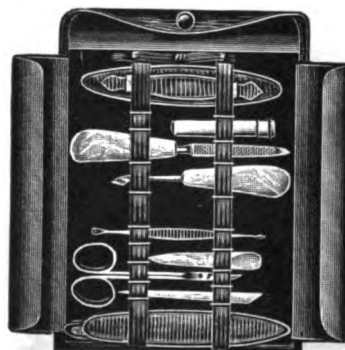
No. 994 1/4—Six Piece Set, One Each Cuticle Scissors, Manicure Stick, Tweezer with Ear Spoon, Nail File, Polish Stick and Buffer, French Ivory Handles, Black Grain Leather Case, Purple Satin Lining\$4.00



No. 870-Z—Seven Piece Set, One Each Cuticle Scissors, Nail File, Cuticle Knife, Nail Cleaner, Hoof Shaped Manicure Stick, Blackhead Extractor and Nail Buffer with Detachable Ring Permitting Renewal of Chamois, French Ivory Fittings Throughout, Gray Pearl Grain Leather Case, Purple Satin Lined, Adjustable Loops, Size Closed 6 1/4 x 2 3/8 inches\$4.00



No. 5712-Z—Six Piece Set, One Each Cuticle Scissors, Nail File, Cuticle Knife, Nail Cleaner, Hoof Shaped Manicure Stick, Nail Buffer with Detachable Ring Permitting Renewal of Chamois, French Ivory Fittings, Soft Gray Suede Leather Case, Nile Green Heavy Satin Lining, Adjustable Loops, Size Closed 6 1/4 x 2 1/2 inches\$4.50



No. 0851-Z.

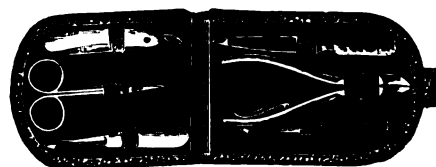
No. 0851-Z—Nine Piece Set, One Each Cuticle Scissors, Nail File, Cuticle Knife, Nail Cleaner, Hoof Shaped Manicure Stick, Blackhead Extractor, Tube with Nail Polish Stick, Nail Buffer with Detachable Ring for Renewing Chamois, All Above with French Ivory Fittings, Leather Pocket with 3 Emery Boards, Tan Powder Grained Leather Case, Green Satin Lined, Adjustable Loops, Size Closed 6x3 1/2 inches....\$5.00

MANICURE SETS

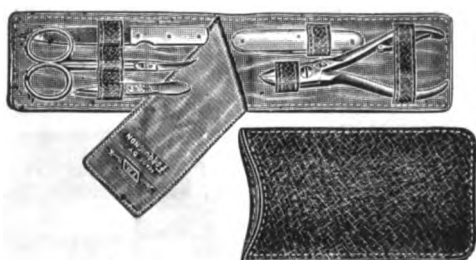
All Scissors used in our Manicure Sets are forged from the finest quality steel, and all other implements are highest grade in quality of material as well as finish and workmanship.



- No. 5725-P—Nine Piece Set, One Each Cuticle Scissors and Blackhead Extractor, Pearl Handle Nail File, Cuticle Knife, Button Hook, Nail Cleaner and Manicure Stick, Nail Buffer with Leather Top, Detachable Ring and Reversible Handle, Suede Leather Pocket with 3 Emery Boards, Soft Gray Suede Leather Case, Green Satin Lined, Adjustable Loops, Size Closed $5\frac{1}{2} \times 3\frac{1}{2}$ inches.....\$5.50** Per Set



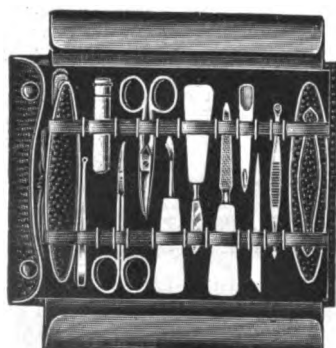
- No. 785-I—Six Piece Gents' Set, Nail Nippers with Reversible Spring, Curved Cuticle Scissors, Nail File, Cuticle Knife, Hollow Ground Corn Razor and Tweezers with Ear Spoon, French Ivory Fittings Throughout, Metal Frame Case of Black Pearl Grained Leather, Green Velvet Lined, Size Closed $4\frac{1}{4} \times 3\frac{3}{4}$ inches\$5.50** Per Set



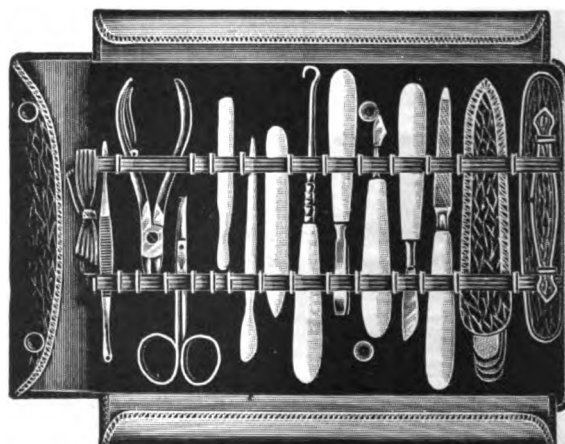
- No. 940—Five Piece Gents' Set, One Each Nail Nipper, Cuticle Scissors, Cuticle Knife, Nail File and Tweezers, Black Seal Grained Leather Case, Purple Grained Moire Silk Lining.....\$6.00** Per Set



- No. 539-P—Nine Piece Set, One Each Buffer, Emery Boards, Nail Nippers, Cuticle Scissors, Comedone, Nail Stick, Cuticle Knife, Corn Knife, Nail File, Pearl Handles, Black Sheepskin Soft Flexible Case, Blue Satin Lined, Size Closed $6 \times 2\frac{1}{4} \times 1$ inches.....\$6.00** Per Set



- No. 852-Z—Twelve Piece Set, One Each Cuticle Scissors, Nail Scissors, Nail File, Cuticle Knife, Corn Knife, Nail Cleaners, Manicure Stick, Blackhead Extractor, Tweezer with Ear Spoon, Tube with Nail Polish Stick, Nail Buffer with Detachable Ring, French Ivory Fittings, Leather Pocket with 3 Emery Boards, Black Pearl Grained Leather Case, Green Satin Lined, Adjustable Loops, Size Closed $6\frac{1}{2} \times 2\frac{1}{4}$ inches\$7.50** Per Set



- No. 525-I—Fifteen Piece Set, One Each Buffer, Nail File, Corn Knife, Cuticle Knife, Tweezers, Button Hook, Nail Stick, Cleaner, Ear Spoon, Cuticle Scissors, Nail Nippers, Comedone, and 3 Emery Boards, Ivoreen Handles, Black Seal Grain Leather Case, Blue Satin Lined, Size Closed $7 \times 3 \times 1\frac{1}{4}$ inches.....\$6.50** Per Set
No. 525-LP—Same Size Set as No. 525-I, but Pearl Handled Implements, Black Seal Leather Case, Purple Satin Lining 8.00

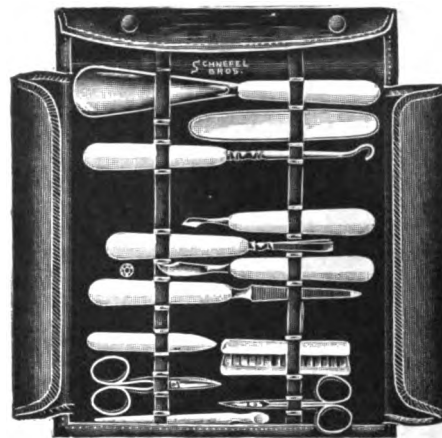
MANICURE SETS

All Scissors used in our Manicure Sets are forged from the Finest Quality Steel, and all other implements are Highest Grade in quality of material as well as finish and workmanship.



- No. 874-Z—Twelve Piece Set**, Contains Nail Nippers, with Reversible Spring, Curved Cuticle Scissors, Nail File, Cuticle Knife, Button Hook, Shoe Horn, Nail Cleaner, Hoof Shaped Manicure Stick, Black-head Extractor, Tube Containing Nail Polish, and "Protecto" Patent Nail Buffer with Detachable Ring, Permitting Renewal of Chamols and reversible Handle Affording Protection for Chamols, All Above Have French Ivory Fittings, Leather Pocket with 3 Emery Boards, Grey Box-Grained Leather Case, Purple Satin Lined, Adjustable Loops, Roll Up to Size $8\frac{3}{4} \times 2\frac{1}{2}$ inches.....\$10.00

Per Set



- No. 518-PI—Twelve Piece Traveling Set**, One Each Show Horn, Shoe Hook, 5 inch Buffer, Corn Knife, Cuticle Knife, Nail File, Tweezers, Nail Cleaners, Cuticle Scissors, Nail Scissors, Hoof Shape Manicure Stick, Nail Brush, Triple Folding Selected Green Grain Leather Case, Green Silk Lining, Size Closed $9\frac{1}{4} \times 3\frac{1}{2} \times 7\frac{1}{4}$ inches.....\$11.00

Per Set



- No. 654-PI—Seven Piece Set**, One Each Cuticle Scissors, Nail Scissors, Nail File, Cuticle Knife, Manicure Stick, Nail Cleaner and Patented "Protecto" Nail Buffer with Reversible Handle, French Ivory Fittings Throughout, Buffer and Handles of Implements are of Handsome Fancy Design Louis XVI Pattern, French Ivory Case with Fancy Dome Cover, Lined with Handsome Old Rose Color Velvet, Size Closed $9\frac{3}{4} \times 6$ inches.....\$12.00

Per Set



- No. 797-Z—Thirteen Piece Set**, One Each Nail Nippers with Reversible Spring, Cuticle Scissors, Nail Scissors, Nail File, Cuticle Knife, Corn Knife, Button Hook, Shoe Horn, Nail Cleaner, Manicure Stick, Vanity Box Containing Puff and Concentrating Mirror, Tube Containing Nail Polish and "Protecto" Patented Nail Buffer with Detachable Ring, Permitting Renewal of Chamols and Reversible Handle Affording Protection for Same, French Ivory Fittings Throughout, Heavy Tan Cowhide Suede Leather Case, Light Tan Leather Lining and Silk Moire Flaps to Match, Rolls Up to Size 9×3 inches\$15.00

Per Set

VILLAGE BLACKSMITH KNIVES

Village Blacksmith Knives are Hand Forged from High Grade Tool Steel and Oven Tempered.

BUTCHER KNIVES



No. 118—Beech Handle, Brass Tubular Rivets.

Length Blade, In..	4	5	6	6½	7	7½
Per Dozen	\$4.00	4.40	4.80	5.80	6.40	7.10
Length Blade, In..		8	9	10	12	14
Per Dozen		\$7.90	9.30	16.00	20.00	29.00



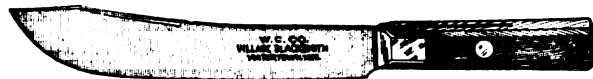
Beech Handle, Brass Tubular Rivets, Unfinished Blade.

No. 114—6½ inch Blade.....	Per Dozen
	\$5.80



No. 213—Black Walnut Handle, Highly Finished, Brass Tubular Rivets.

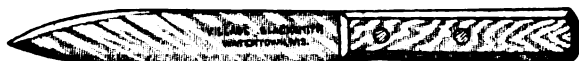
Length Blade, In....	6	6½	7	7½	8
Per Dozen	\$6.10	7.10	7.70	8.40	9.20
Length Blade, In....		9	10	12	14
Per Dozen		\$10.60	19.00	23.00	32.00



No. 318—Rosewood Handle, German Silver Bolster and Rivet.

Length of Blade, In....	6	6½	7	7½
Per Dozen	\$7.30	8.60	9.50	10.20
Length of Blade, In....		8	9	10
Per Dozen		\$11.00	13.00	20.00

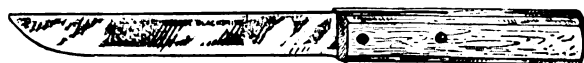
STICKING KNIVES



No. ST113—Beech Handle, Brass Tubular Rivets.

Length of Blade, Inches.	5½	6	6½	7
Per Dozen	\$4.50	4.80	5.80	6.40

BONING KNIVES



No. B113—6 inch Blade, Beech Handle, Brass Tubular Rivets	Per Dozen
	\$6.10

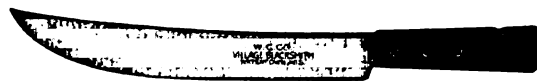
SKINNING KNIVES



No. SK113—Beech Handle, Brass Tubular Rivets.

Length Blade, In....	5	5½	6	6½	7
Per Dozen	\$5.00	5.40	6.10	6.70	7.80

Cimeter Steak Knives



No. 220—Black Walnut Handle, Brass Tubular Rivets.

Length of Blade, Inches...	10	12	14
Per Dozen	\$20.00	24.00	33.00

No. 119—Beech Handle, Brass Tubular Rivets.

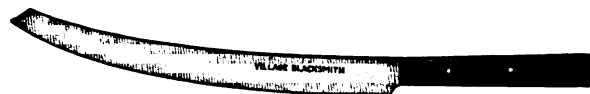
Length of Blade, Inches...	10	12	14
Per Dozen	\$17.00	21.00	30.00

SANDWICH SLICERS



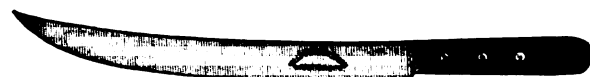
No. 78—8 inch Blade, Genuine Ebony Handle, Riveted, for Cutting Cold Luncheon Meats at the Table.....	Per Dozen
	\$8.00

FAMILY TABLE SLICER



No. 58—8 inch Blade, Rosewood Handle, Extremely Thin and Flexible Blade, for Slicing to Wafer Thinness	Per Dozen
	\$8.00

LUNCH COUNTER SLICER



No. 40—10 inch Blade, Rosewood Handle, German Silver Tubular Rivets.....	Per Dozen
	\$18.00

SLICERS



No. S-2250—Lignum vitae Handle, German Silver Tubular Rivets.

Length of Blade, Inches...	10	12	14
Per Dozen	\$10.00	14.00	18.00

A thin, flexible blade for slicing cold meats.



No. S-3250—Rosewood Handle, German Silver Bolster, Tubular Rivets.

Length of Blade, Inches...	10	12	14
Per Dozen	\$13.00	17.00	21.00

A thin, flexible blade for slicing cold meats.

All Above, One-half Dozen in a Box.

VILLAGE BLACKSMITH KNIVES

Village Blacksmith Knives are Hand Forged from High Grade Tool Steel and Oven Tempered.

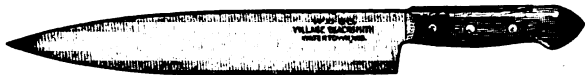
ROYAL CHEF KNIVES



No. 600—Rosewood Handle, German Silver Tubular Rivets.
 Length Blade, In. 8 10 12 14
 Per Dozen \$12.00 18.00 20.00 26.00

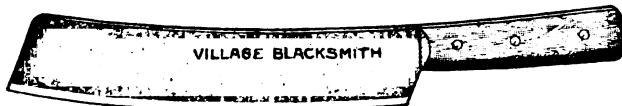
This knife is ground heavy at the heel for light chopping, flexible at the point for slicing.

HOTEL CHOPPERS



No. 12—12 inch Blade, Beech Handle, Riveted, Weight
 Each 2 Lbs. \$30.00

FAMILY CHOPPER



No. 154—10 inch Blade, Cocobolo Handle, Brass Rivets,
 Weight Each 1 1/4 Lbs. \$11.00

SPLITTING KNIVES



No. 213-S—Polished Walnut Handle, Four Wire Rivets.
 Length of Blade, Inches 12 14
 Weight Each, Lbs. 2 2 1/4
 Per Dozen \$34.00 38.00

STEAK DRESSING OR HOUSE KNIVES



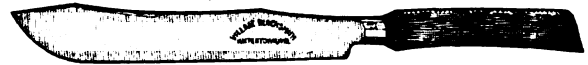
No. 618—Forged from Octagon Bar Cutlery Steel, Cocobolo Handle.
 Length of Blade, Inches 7 8
 Per Dozen \$10.00 12.00

HOUSE KNIVES



No. 518—Rosewood Handle, German Silver Bolster and Rivet.
 Length of Blade, Inches 7 8
 Per Dozen \$9.50 11.00

SANITARY HOUSE KNIVES



Per Dozen

No. 715—8 inch Blade, One-Piece Solid Rosewood Handle, Blade is Forged from Octagon Bar Cutlery Steel, Germ and Dirt Proof Knife. \$14.00

HOUSE AND CARVING KNIVES



Per Dozen

No. 418—8 inch Blade, Lignumvitae Handle, German Silver Tubular Rivets. \$10.40

BREAD KNIVES



Per Dozen

No. 350—8 1/2 inch Blade, Rosewood Handle, German Silver Bolster, German Silver Tubular Rivets. . . . \$11.00



Per Dozen

No. 70—8 inch Blade, Rosewood Handle, German Silver Tubular Rivets. \$9.00



Per Dozen

No. 450—9 1/2 inch Blade, Rosewood Handle, German Silver Tubular Rivets. \$11.00



Per Dozen

No. B225—8 inch Blade, Walnut Handle, Highly Finished, German Silver Tubular Rivets. \$7.50

CARVERS



Rosewood Handle, German Silver Tubular Rivets.

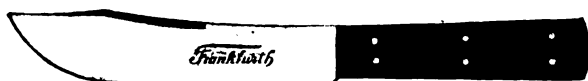
Per Dozen

No. 550—Bird, 5 1/2 inch Blade. \$ 8.00
 No. 650—Bird, 6 1/2 inch Blade. 9.00
 No. 800—Beef, 8 inch Flexible Blade. 12.00

All Above, One-half Dozen in a Box.

BUTCHER KNIVES

FRANKFURTH'S BEST, WARRANTED



Special Quality Steel, Beechwood Handle, Riveted, Tang of Blade Runs Through Entire Length of Handle.

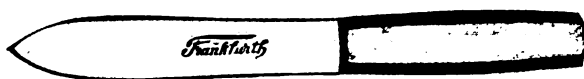
Nos.	16	16½	17	18
Length of Blade, In....	6	6½	7	8
Per Dozen	\$3.50	4.00	4.50	5.50

Nos.	19	20	22	24
Length of Blade, In....	9	10	12	14
Per Dozen	\$6.50	9.00	13.50	18.00

One-half Dozen in a Box.

STICKING KNIVES

FRANKFURTH'S BEST, WARRANTED



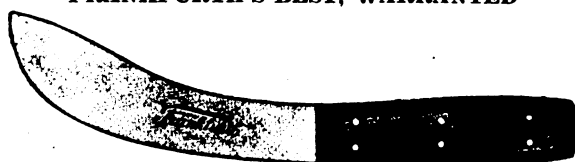
Special Quality Steel, Beechwood Handle, Riveted, Tang of Blade Runs Through Entire Length of Handle.

Nos.	25½	26	26½	27
Length of Blade, Inches.	5½	6	6½	7
Per Dozen	\$3.00	3.50	4.00	4.50

One Dozen in a Box.

SKINNING KNIVES

FRANKFURTH'S BEST, WARRANTED

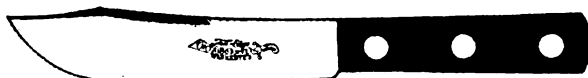


Special Quality Steel, Beechwood Handle, Riveted, Tang of Blade Runs Through Entire Length of Handle.

Nos.	35½	36	36½	37
Length of Blade, Inches.	5½	6	6½	7
Per Dozen	\$3.50	4.00	4.50	5.00

One Dozen in a Box.

BUTCHER KNIVES



- No. R13—7 inch Special Quality Steel Blade, Swaged, Hardened and Tempered, Extra Finish, Ground by Hand, Cocobolo Handle, Three Large Brass Rivets. **\$6.50**
- No. E13—Same Description as No. R13, but with Ebony Handle **7.50**

One-half Dozen in a Box.



- No. 10—Cocobolo Handle, Solid Steel Bolster, Blade Runs Through Entire Length of Handle, Two Large Rivets, Length of Blade, Inches..... **7**
- Per Dozen

One-half Dozen in a Box.



- No. 985—6 inch Cast Steel Blade, Cocobolo Handle, Riveted, Iron Bolster, a Competition Grade Knife... **\$8.00**

One Dozen in a Box.

BUTCHER KNIVES

WILSON'S



Hand Forged Special Double Shear Steel, Polished Beechwood Handle, Riveted.

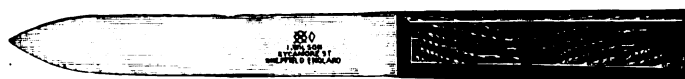
Nos.	28B	29B	30B	43B	44B
Length Blade, In....	5½	6	6½	7	8
Per Dozen	\$5.30	5.70	7.20	8.40	11.00

Nos.	45B	46B	48B	86B
Length Blade, In....	9	10	12	14
Per Dozen	\$13.00	16.80	23.50	36.00

One-half Dozen in a Box.

STICKING KNIVES

WILSON'S



Hand Forged Special Double Shear Steel, Polished Beechwood Handle, Riveted.

Nos.	29ST	30ST	43ST
Length of Blade, Inches.....	6	6½	7
Per Dozen	\$5.70	7.20	8.40

One-half Dozen in a Box.

SKINNING KNIVES

WILSON'S



Hand Forged Special Double Shear Steel, Polished Beechwood Handle, Riveted.

Nos.	28SK	29SK	30SK	43SK
Length of Blade, In....	5½	6	6½	7
Per Dozen	\$5.30	5.70	7.20	8.40

One-half Dozen in a Box.

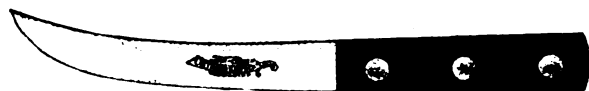
BUTCHER KNIVES



- No. 15—8 inch Swaged Cast Steel Blade, Scale Tang, Octagon Ebony Handle, Three Rivets, Competition Grade Knife **\$3.00**

One Dozen in a Box.

BONING KNIVES



Combination Boning and Skinning.

- No. 490—6 inch Special Quality Steel Blade, Hardened and Tempered, Ground by Hand, Cocobolo Handle, Three Large Brass Rivets. \$5.00
One-half Dozen in a Box.

CHICKEN STICKING KNIVES



- No. 403—3 inch Special Steel Blade, Polished Beechwood Handle, Brass Rivets and Burrs. \$3.50
One-half Dozen in a Box.

HOUSEHOLD KNIFE ASSORTMENT



- No. 1375—Contains 12 Knives, 4 Each Ebony, Cocobolo and Boxwood Handles, 7 and 8 inch Special Quality Steel Blades, Extra Finish, Brass Rivets and Burrs, with Display Tray as Shown. \$8.00

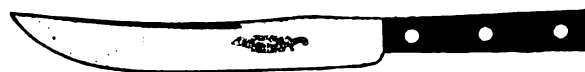
These Knives are ground thin to give an elastic action similar to a spatula. For general kitchen and household use they afford marked advantages, being a combination of slicing knife, butcher knife, cake knife and spatula. Because they are ground thin they take an edge easily and hold it well. They should not be used where a heavy, stiff knife is needed.

SLICERS

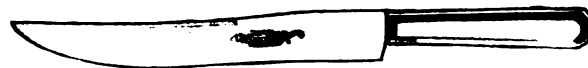


- No. 171-S—8 inch Swaged Steel Blade, Scale Tang, Cocobolo Handle, Iron Bolster, Three Rivets, a Competition Grade Knife. \$3.50
One Dozen in a Box.

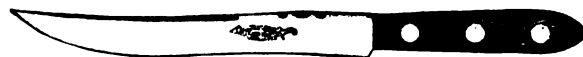
SLICERS



- No. 461-S—8 inch Special Quality Cimeter and Swaged Steel Blade, Highly Finished, Ground by Hand, Cocobolo Handle, Brass Rivets and Burrs. \$4.00
One Dozen in a Box.



- No. 561-S—8 inch Special Quality Swaged Steel Blade, Highly Finished, Hand Ground, Sanitary Aluminum Handle Formed Over a Steel Jacket, Will not Discolor the Hands. \$3.00
One-half Dozen in a Box.



- No. 169-SF—9 inch Swaged and Fluted Cutlery Steel Blade, Extra Finish, Hand Ground to a Keen Edge and Oil Tempered, Cocobolo Handle, Brass Rivets and Burrs. \$8.00
One-half Dozen in a Box.

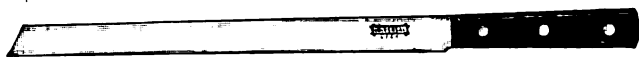


- No. 2660—8 1/2 inch Extra Quality Forged Crucible Steel Flexible Blade, Finely Ground, Highly Polished, Cocobolo Handle, Made to Hold Fast to Blade. \$8.00
One-half Dozen in a Box.



- No. 575—Contains 12 Knives, Four with 9 inch Swaged Blade and Cocobolo Handles, Four with 9 inch Plain Blades and Cocobolo Handles, Four with 9 inch Double Serrated Blades and Cocobolo Handles, Blades are of Superior Cutlery Steel, Hand Ground, Extra Finish, Brass Rivets and Burrs, with Display Tray as Shown. \$8.00

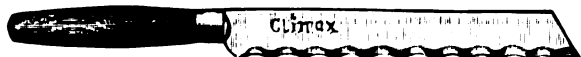
HAM SLICERS



No. 261-S—10 ½ inch Polished Steel Blade, Cocobolo Handle, Brass Compression Rivets.....\$8.00

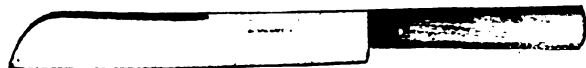
One-half Dozen in a Box

BREAD KNIVES



No. 50—Boston, 9 ½ inch Polished Steel Blade, Serrated Edge, Round Black Enameled Wood Handle, Steel Bolster\$2.00

One Dozen in a Box.



No. 442—8 inch Swaged Special Steel Blade, Walnut Handle, Three Rivets.....\$3.00

One-half Dozen in a Box.



No. 300—Lightning, 9 inch Tempered Steel Blade, with Serrations on Both Sides, Highly Finished, Black Enameled Handle, Nickel Plated Ferrule.....\$4.00

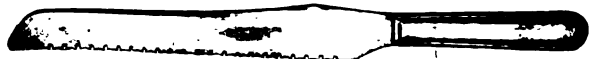
Cuts hot and cold bread and cake smooth and without crumbling.

One Dozen in a Box.



No. 500—9 inch Special Quality Steel Blade, Double Serrated, Extra Finish, Ground by Hand, Cocobolo Handle, Brass Rivets and Burrs.....\$7.50

One-half Dozen in a Box.



No. 400—Serrular, 9 inch Swaged Special Steel Blade, Highly Finished, Sanitary Aluminum Handle Formed Over a Steel Jacket, Will not Discolor the Hand\$8.00

One-half Dozen in a Box.

COOKS' KNIVES



No. 30—French Pattern, Polished Steel Blade, Solid Ebony Handle, Steel Ferrule.

Length Blade, Inches...	6	7	8	9
Per Dozen	\$6.00	7.00	8.00	8.50
Length Blade, Inches...	10	11	12	
Per Dozen	\$10.00	11.50	13.50	

One-half Dozen in a Box.

KITCHEN FORKS



No. 2400—Polished Steel, Highly Tempered, 7 inch Cocobolo Handle, Brass Rivets and Burrs, Length Over All 12 ¾ inches.....\$4.00

One-half Dozen in a Box.

KITCHEN KNIFE SETS



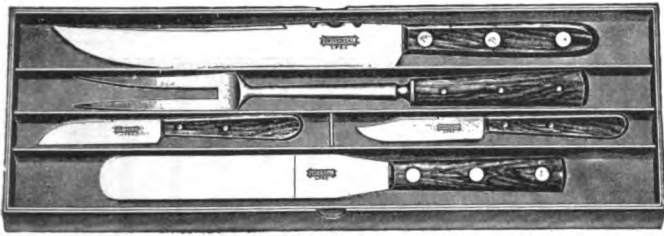
No. K25—Village Blacksmith, Set Consists of Seven Serviceable Pieces, One Paring Knife, Two Slicers, One Spatula, One French Cook's Knife, One Steak and One Butcher Knife, Blades are of Special Cutlery Steel, Highly Finished, Mounted on a Finished Birchwood Board Ready to Screw on to the Wall, Weight Complete 6 Lbs.....\$5.00

A most convenient Kitchen Knife Set, one that the housewife will enjoy. Each knife is held in its place on the board as shown by the illustration. In this way the edges will remain sharp longer and do not become damaged in packing as they cannot come in contact with one another.

One Set in a Wooden Box.

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KITCHEN SETS



Per Dozen Sets

- No. 2500—Universal, Set Consists of Five Pieces, One Slicer with 8 1/2 inch Blade, One 12 1/2 inch Cook's Fork, One Spatula with 7 inch Blade, and Two Paring Knives, Polished Steel Blades and Tines, Cocobolo Handles\$21.00

One Set in a Box.

KITCHEN OR PARING KNIVES



Per Dozen

- No. 30—3 1/4 inch High Grade Steel Blade, Oil Tempered and Hand Ground, Round Enamelled Handles, Open-End Ferrules\$0.80

One Dozen in a Box.



Per Dozen

- No. 60B—Parer and Apple Corer, Tempered Crucible Steel Concave Blade, Half Polished, 1 1/4 inch Slotted Paring Edge, Sharp Point and Cutting Edge for Coring and Extracting Defects, Large Round Rubberoid Coated Waterproof Handle. Riveted, Steel Cup Ferrule\$1.60

One Dozen in a Box.

VILLAGE BLACKSMITH BRAND
HIGH GRADE, KEEN EDGED

Per Dozen

- No. K113—Beech Handle, Brass Tubular Rivets.....\$2.00
No. W213—Walnut Handle, Brass Tubular Rivets..... 2.50

One Dozen in a Box.



Per Dozen

- No. 11—Beechwood Handle\$2.00
No. 21—Assorted Hardwood Handles..... 2.50

One Dozen in a Box.



Per Dozen

- No. 011—Boxwood Handle, Riveted.....\$2.50
No. 1—Assortment, Consists of Six Each Nos. K113 and 11 Beech Handle Knives..... 2.00
No. 2—Assortment, Consists of Four Each Nos. W213 and 011 Hardwood Handle Knives..... 2.50

One Dozen in Display Box.

KITCHEN OR PARING KNIVES



Per Assortment

- No. 850—Frankfurth, Assortment Consists of Twelve Knives, Three Each of Above Patterns, 3, 3 1/4 and 3 3/4 inch Plain and Swaged Blades, Superior Finish, Ground Sharp, Cocobolo Handles, Brass Rivets....\$2.00

One Dozen in Easel Back Display Card.



Per Assortment

- No. 650—Frankfurth, Assortment Consists of Twelve Knives, Six Each of Above Two Patterns, 2 1/4 and 2 3/4 inch Plain Steel Blades, Cocobolo Handles, Riveted\$2.00

One Dozen in a Box.

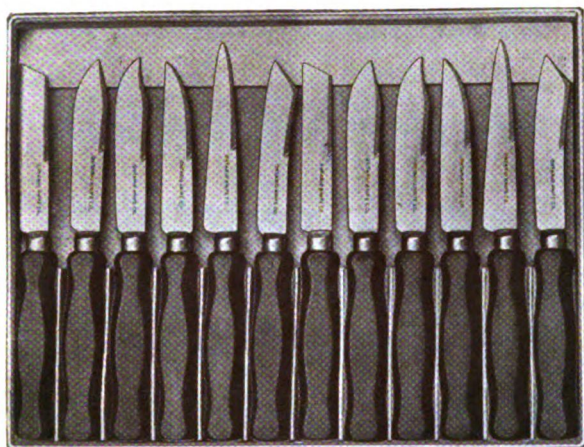


Per Assortment

- No. 1915—Frankfurth Sanitary, Assortment Consists of Twelve Sanitary Kitchen Knives, 3 1/4 inch Swaged Steel Blades of Assorted Shaped Points, Solid Aluminum Handles, in Display Box.....\$3.50

KITCHEN OR PARING KNIVES

UNIVERSAL



- Per Assortment
No. 510—Assortment Consists of Twelve Knives, Two Each Six Different Shaped Blades, $3\frac{1}{4}$ inch Swaged Steel Blades, Polished and Ground, Flat Rubberoid Handles which Will Resist Boiling Water.....**\$1.50**
 One Assortment in Easel Back Display Card.



- Per Assortment
No. 1850—Assortment Consists of Twelve Knives, Polished Steel Blades, Three Assorted Style Points, Scale Tangs, Cocobolo Handles, Riveted, Metal Bolsters**\$2.00**
 One Assortment in Display Box.



- Per Assortment
No. 750—Assortment Consists of Twelve Knives, Assorted Style Points, Finest Quality Tough Steel Blades, Tempered to Hold an Edge, Blade and Handle are of One Piece of Metal, Handle is Hot Water Proof and Will not Come Off.....**\$2.00**
 One Assortment in Display Box.



- Per Assortment
No. 25—Frankfurth, Assortment Consists of Twelve Knives, Oil Tempered Jessop Steel Pocket Knife Blades, Four Assorted Style Points, Blades are Hand Ground to a Keen Edge, Flat Rubberoid Handles, Nickel Steel Ferrules.....**\$3.60**
 One Assortment in Display Box.

BUTTER SPADES



- Per Dozen
No. 50— $8\frac{1}{2}$ inch Forged Steel Blade, Tin Plated with Pure Black Tin, Polished Cocobolo Handle, Metal Bolster**\$12.00**
 One-half Dozen in a Box.

OYSTER KNIVES



- Per Dozen
No. 33—Boston Pattern, 3 inch Polished Forged Crucible Steel Blade, Beechwood Handle.....**\$4.80**

CHEESE KNIVES



Tin Plated Steel Blade.

- No. 880—12 inch Blade, Beechwood Handle.....\$11.00
 No. 9800—12 inch Blade, Cocobolo Handle..... 15.00
 One-half Dozen in a Box.

GRAPE FRUIT KNIVES



- No. 25—High Grade Cutlery Steel Blade, Curved for Preparing Grape Fruit, Highly Finished, Flat Rubberoid Handle, Steel Ferrule\$2.30
 One Dozen in a Box.



- No. 35—Polished Curved Steel Blade, Ebony Handle, German Silver Bolster\$5.00
 One-half Dozen in a Box.

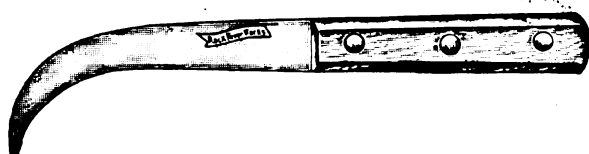


- No. 10—Empire, Finest Cutlery Steel Blade, Double Edge, Hardened and Tempered with Great Care, Ground Sharp, Black Rubberoid Handle, Steel Ferrule\$8.00

This Knife in having a double edge in reality is two knives, in one, and is absolutely perfect in preparing the fruit. Blades are ground keen and sharp and so adapted for removing the center and cutting clean and quickly around the edges and dividing the fruit into segments. The round end prevents cutting through the outer skin, thereby saving the juices.

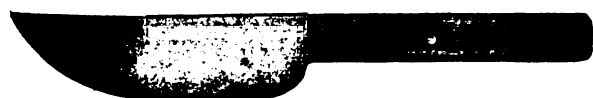
One-half Dozen in Display Box.

BANANA KNIVES



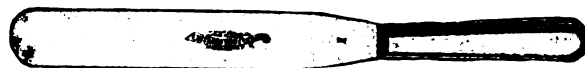
- No. R60—Curved Steel Blade, Beechwood Handle, Brass Tubular Rivets\$6.00
 One-half Dozen in a Box.

CIGAR KNIVES

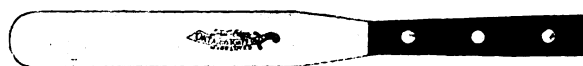


- No. 1—Cincinnati Pattern, 3/4 inch Steel Blade with Guard, Solid Cocobolo Handle.....\$2.50
 One Dozen in a Box.

PALLET KNIVES OR SPATULAS



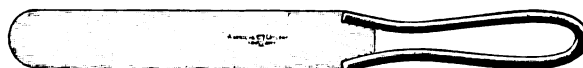
- No. 340—7 inch Special Sheffield Steel Blade, Flexible, Finely Finished, Sanitary Aluminum Handle Formed Over a Steel Jacket, Will Not Discolor the Hands...\$7.00
 One-half Dozen in a Box.



- No. 240—7 inch Special Sheffield Steel Blade, Flexible, Finely Finished, Cocobolo Handle, Brass Rivets and Burrs\$4.50
 One-half Dozen in a Box.

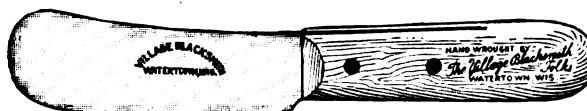


- No. 9803—Cast Steel Blade, Cocobolo Handle, Steel Shell Bolster, Riveted.
 Length of Blade, In.. 4 6 8 10 12
 Per Dozen \$5.00 7.00 11.00 17.00 28.00
 One-half Dozen in a Box.



- No. 100—8 inch Forged Steel Blade, Very Flexible, Steel Wire Handle Firmly Attached, Blade and Handle Highly Nickel Plated\$2.50
 One Dozen in a Box.

FISH KNIVES



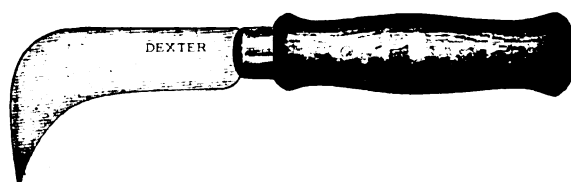
- No. 071—Sandusky Pattern, High Grade Steel Blade, Beechwood Handle, Iron Rivets.
 Length of Blade, Inches..... 3 1/4 4
 Per Dozen \$4.00 4.30
 One-half Dozen in a Box.

SHOE KNIVES



- Jessop's Steel Blade, Imitation Burnt Wood Handle, Steel Ferrule.
 No. 2—3 1/4 inch Square Point Blade.....\$1.70
 No. 4—3 3/4 inch Square Point Blade..... 2.00
 One Dozen in a Box.

OIL CLOTH KNIVES



- No. 750—3 1/2 inch High Grade Crucible Steel Blade, Properly Tempered and Ground Sharp, Polished Round Hardwood Handle, Polished Steel Ferrule...\$7.00
 A General Purpose Knife for Bananas, Oil Cloth, Pruning, etc.

One Dozen in a Box.

SLOYD OR WOOD CARVERS' KNIVES



- No. 62—1½ inch Best Quality Steel Blade, Bevel Edge, Beechwood Handle, Riveted **\$5.00**
Per Dozen
One Dozen in a Box.



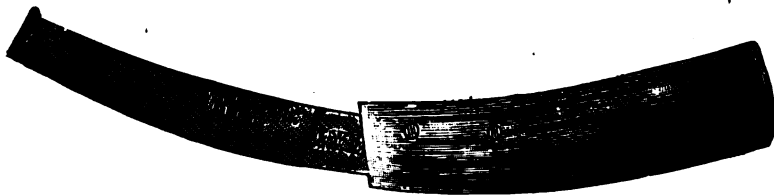
- No. 98—2½ inch Finest Cutlery Steel Blade, Glazed Finish, with Shoulder, Oval Aspenwood Handle, Brass Ferrule **\$5.00**
Per Dozen
Used by Manual Training Schools, Cabinet and Furniture Makers.
One Dozen in a Box.

MANUAL TRAINING KNIVES



- No. A2½—2½ inch Crucible Steel Blade, Carefully Hardened and Tempered, Blades are Riveted into Black Rubberoid Handles, Nickel Plated Ferrule. **\$6.50**
Per Dozen
These Knives are especially designed for use in Manual Training Schools, tested by some of the foremost teachers in the country.
One Dozen in a Box.

FARRIERS' KNIVES

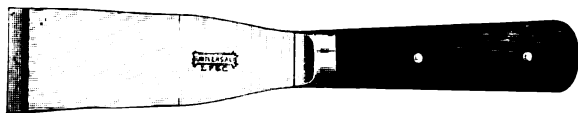


- No. 7834—Wostenholm's I.X.L., Assorted ½ to ¾ inch Cast Steel Blades, Bone Handle **\$8.00**
Per Dozen
One Dozen in a Box.



- Challenge—Assorted Forged Razor Steel Blade, Carefully Set so They Hang Perfectly, Maple Wood Handle **\$8.00**
Per Dozen
One-half Dozen in a Box.

PUTTY SCRAPERS



- No. 1966—Putty Scraper, 3¼ x 1½ inch Chisel Point Forged Crucible Steel Blade, Polished, Cocobolo Handle, Brass Pin, Metal Lap Bolster **\$4.00**
Per Dozen
One-half Dozen in a Box.

PUTTY KNIVES



- No. 400—Stiff Cast Steel Blade, Beechwood Handle, Riveted **\$2.00**
Per Dozen
One Dozen in a Box.



- No. 1400—Stiff Cast Steel Blade, Cocobolo Handle, Metal Lap Bolster, Riveted, Competition Grade **\$3.00**
Per Dozen
No. 1400E—Same as No. 1400, but with Elastic Blade.. **\$3.50**



- No. 560—1½ x 3¼ inch Forged Polished Crucible Steel Half Elastic Blade, Assorted Ebony and Cocobolo Handles, Large Brass Saw Rivets, Metal Lap Bolstered **\$5.00**
Per Dozen
Especially made for painters, glaziers and decorators.
One-half Dozen in a Display Box.

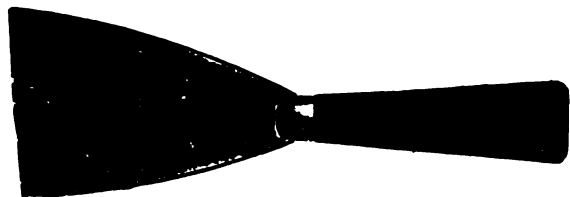


- No. P213—Village Blacksmith, High Grade Stiff Steel Blade, Black Walnut Handle, Large Brass Tubular Rivets **\$4.00**
Per Dozen
No. P213E—Same as No. P213, but with Elastic Blade.. **4.00**
One Dozen in a Box.



- No. 781—3½ x 1¼ inch Forged Stiff Steel Blade, Polished, Ebony Handle, Brass Lap Bolster, Two Large Brass Rivets **\$5.50**
Per Dozen
No. 781E—Same as No. 781, but with Elastic Blade.... **6.00**
One Dozen in a Box.

SCRAPING KNIVES

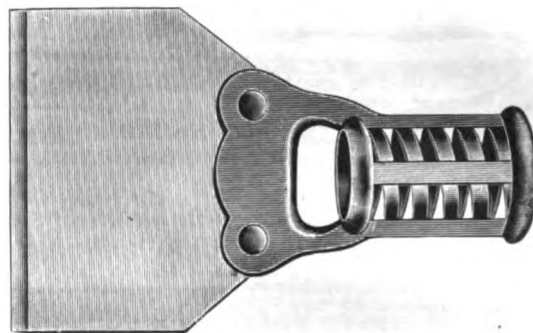


No. 727—Cast Steel Blade, 3 inches Wide, 4 inches Long, Flat Black Rubberoid Handle, Steel Ferrule, Competition Grade **\$2.80**

Per Dozen

One Dozen in a Box.

WALL SCRAPERS

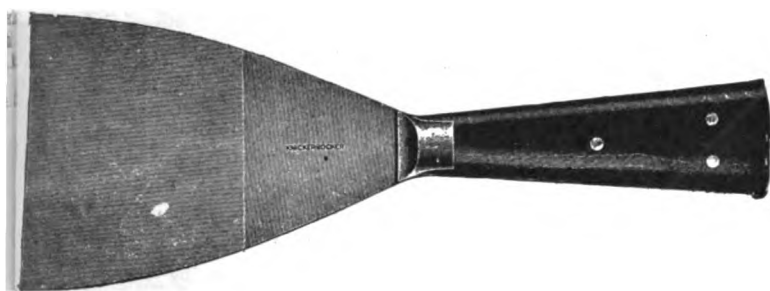


No. 6—3 inch Steel Blade, Malleable Iron Screw Handle, Will Fit Any Broom Handle..... **\$5.00**

Per Dozen

One Dozen in a Box.

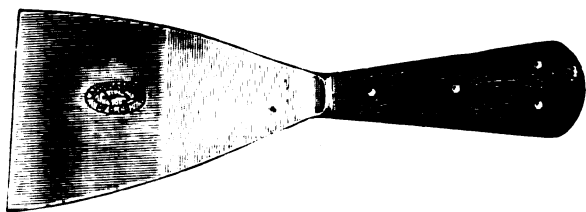
KNIFE SHARPENERS



No. 927—Polished Cast Steel Blade, 3 inch Cocobolo Handle, Steel Cap Bolster, Riveted.

Width of Blade, Inches..... **3** **3 1/4**
Per Dozen **\$7.00** **7.50**

One Dozen in a Box.



No. 9806—Polished Cast Steel Blade, Cocobolo Handle, Solid Steel Forged Bolster, Riveted.

Width of Blade, Inches..... **3** **3 1/4**
Per Dozen **\$10.00** **11.00**

One-half Dozen in a Box.

No. 76—8 inch Sharpening Surface, Length Over All 12 inches, Round Carborundum Shaft Firmly Secured to Stained Wood Handle by a Steel Rod Extending Through its Entire Length, Nickel Plated Ferrule and Guard **\$4.00**

Per Dozen

These Sharpeners are neatly arranged in an easel back display carton, displaying 1/2 dozen Sharpeners, which can be placed on the counter or show case.

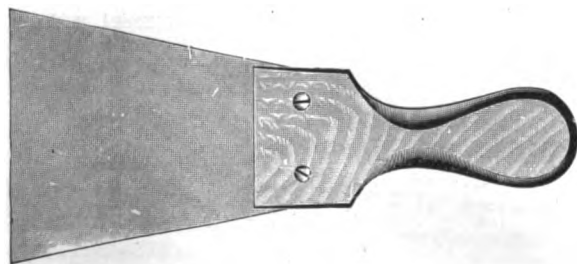


Duplex—Consists of Two Hand-Cut Finely Tempered Adjustable Butcher Steels, Placed at Just the Angle to Sharpen Both Sides of the Knife Simultaneously, Attached to the Wall by Two Screws **\$4.00**

Per Dozen

One Dozen in a Display Box.

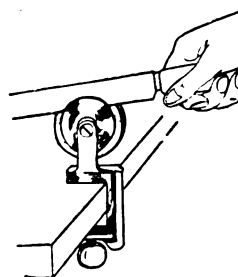
WALL SCRAPERS



No. 125—3 1/2 and 4 inch Tempered Cold Rolled Steel Blade, Bright Finish, Natural Wood Handle, Blued Screws **\$1.50**

Per Dozen

One Dozen in a Box.



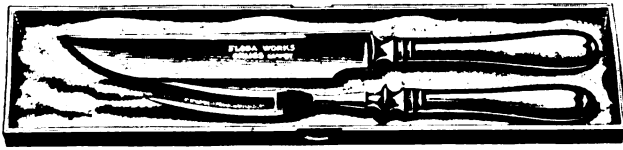
Kwik-Edge—Nickel Plated Metal Parts, with Clamp for Clamping to Kitchen Table, Always Ready for Use... **\$4.00**

Per Dozen

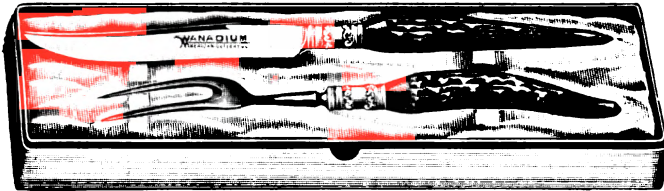
A few strokes on the Kwik-Edge Sharpener puts a keen edge on any knife. Can be used on your best cutlery and won't impair the temper of the finest steel.

One Dozen on a Two-Color Easel Back Display Card.

BIRD CARVERS



- No. 04—Knife and Fork, 5 inch Polished Blade, Solid Bolster, Fancy Figured Silver Plated Handles.....**\$1.40** Per Pair



- No. 125B—Frankfurth, Knife and Fork, 6 inch Polished Steel Blade, Sterling Silver Ferrules, Genuine Stag Handles**\$3.50** Per Pair



- No. 015B—Frankfurth, Knife and Fork, 5 inch Forged Steel Blade, Forged Bolster, Genuine Stag Handle, German Silver Cap**\$3.00** Per Pair



- No. 016B—Frankfurth, Knife, Fork and Steel, 5 1/2 inch Polished Steel Blade, Silver Plated Nickel Silver Ferrules and Caps, Perfected Stag Handles.....**\$4.80** Per Set

GAME OR STEAK CARVERS



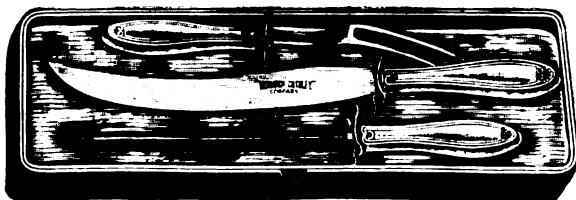
- No. 08—Knife and Fork, 7 inch Finest English Steel Blades, Crocus Polished, Fancy Metal Handles.....**\$3.00** Per Pair

BREAKFAST CARVERS



- No. 020—Frankfurth, Knife and Fork, 7 inch Forged Finely Finished Blade, Forged Bolsters, Genuine Stag Handles, German Silver Caps.....**\$2.70** Per Pair

BEEF CARVERS



- No. 027SC—Monarch, Knife, Fork and Steel, 9 inch Forged Steel Blade, Finely Finished Silver Plated Handles**\$3.50** Per Set

BEEF CARVERS



- No. 030SC—Frankfurth, Knife, Fork and Steel, 9 inch Forged Finely Finished Steel Blade, Forged Bolster, Genuine Stag Handles.....**\$4.00** Per Set



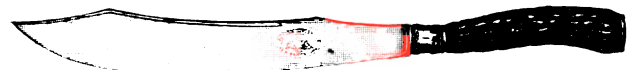
- No. 035SC—Frankfurth, Knife, Fork and Steel, 8 inch Forged Steel Blade, German Silver Plated Ferrule and Cap, Genuine Stag Handle.....**\$4.50** Per Set



- No. 065SC—Frankfurth, Knife, Fork and Steel, 8 inch Polished Steel Blade, Heavily Silver Plated Ferrules, Perfected Stag Handles, Forks have Wire Guards...**\$4.70** Per Set



- No. 045SC—Frankfurth, Knife, Fork and Steel, 9 inch Forged Finely Finished Steel Blade, German Silver Plated Ferrules and Caps, Genuine Stag Handles...**\$5.00** Per Set



- No. 165SC—Frankfurth, Knife, Fork and Steel, 9 inch Polished Steel Blade, Heavily Silver Plated Ferrules, Perfected Stag Handles, Forks have Wire Guards**\$5.50** Per Set



- No. 155SC—Frankfurth, Knife, Fork and Steel, 8 inch Polished Steel Blade, Heavily Silver Plated Ferrules, Perfected Stag Handles, Forks have Wire Guards...**\$5.50** Per Set



- No. 1047SC—Frankfurth, Knife, Fork and Steel, 8 inch Polished Steel Blade, Sterling Silver Ferrules, German Silver Caps, Perfected Stag Handles.....**\$7.50** Per Set

BEEF CARVERS



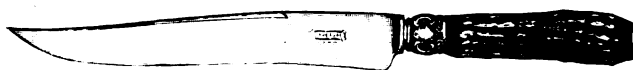
- No. 050SC—Frankfurth, Knife, Fork and Steel, 8 inch Polished Steel Blade, Sterling Silver Ferrules, German Silver Caps, Perfected Stag Handles. **\$7.50** Per Set



- No. 1048SC—Frankfurth, Knife, Fork and Steel, 8 inch Crocus Finish Blade, Sterling Silver Mountings, Perfected Stag Handles **\$8.00** Per Set



- No. 400SC—Frankfurth, Knife, Fork and Steel, 9 inch Forged Crucible Steel Blade, Crocus Finish, Sterling Silver Ferrules, Polished Horn Handles. **\$8.00** Per Set



- No. 1947SC—Frankfurth, Knife, Fork and Steel, 8 inch Crocus Finish Steel Blade, Sterling Silver Ferrules, German Silver Caps, Perfected Stag Handles. **\$9.00** Per Set



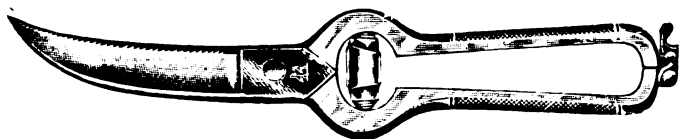
- No. 500PC—Frankfurth, Knife, Fork and Steel, 9 inch Crocus Finish Steel Blade, Forged Bolsters, 5% inch Ivory Handles **\$11.50** Per Set

CARVER CASES

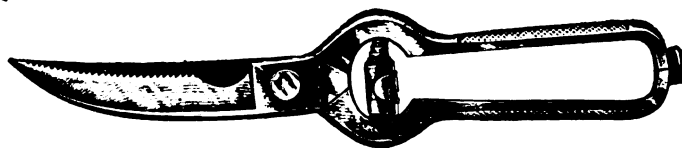
- No. 200—Paper, Satin Lined, for 3 Pieces. **\$0.50** Each
No. 300—Paper, Satin Lined, for 2 Piece Bird or Game Carvers **.40**

All Carvers One Set in a Satin Lined Dome Box.

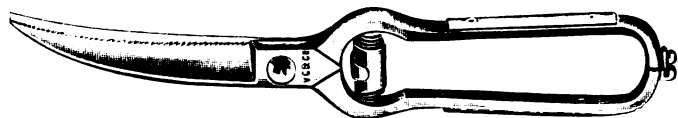
GAME OR BIRD SHEARS



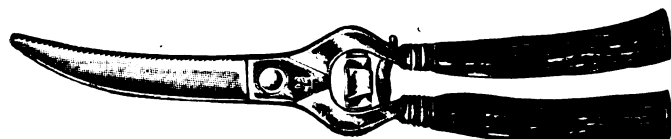
- No. 1755—9½ inches Long, Best Quality Steel, Nickel Plated, Full Polished **\$3.00** Each



- No. 7125—9½ inches Long, Hand Forged English Crucible Steel, Solid Steel Handle, Full Nickel Plated, with Bone Cutting Notch at Joint. **\$3.50** Each



- No. 7324—9 inches Long, Forged Crucible Steel Pearl Inlaid Handles, Full Nickel Plated **\$4.00** Each



- No. 2797—10 inches Long, Hand Forged Crucible Steel Blades, Nickel Plated Stag Handles. **\$5.00** Each

These Shears are used for carving, being strong they will cut the wings and small joints easier than a knife.

TABLE STEELS



- No. 52—Single Cut Steel, 8 inches Long, Magnetized Surface, Ebonized Wood Handle, Nickel Plated Brass Bolster and Guard. **\$4.00** Per Dozen



- No. 030—8 inch Fine Cut Steel, Carefully Hardened and Tempered, Solid Bolster, Genuine Stag Handle **\$12.00** Per Dozen



- No. 045—8 inch Fine Cut Steel, Carefully Hardened and Tempered, German Silver Plated Ferrule, Genuine Stag Handle **\$14.50** Per Dozen

One-half Dozen in a Box.

BUTCHER STEELS



- No. 57—Hoffman, Double Cut Steel, Polished Beechwood Handle, German Silver Bolster, Nickel Plated Steel Diamond Guard, Malleable Swivel Loop.

Length Blade, Inches.	10	12	14
Per Dozen	\$10.00	13.50	17.00



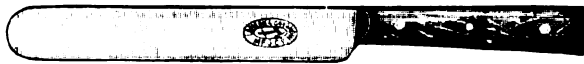
- No. 82—Wilson, Double Cut Steel, Inlaid Rosewood Handle, Metal Bolster, Malleable Swivel Loop.

Length Blade, Inches.	10	12	14
Per Dozen	\$20.50	25.00	30.50

One-half Dozen in a Box.

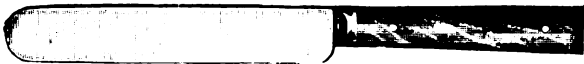
KNIVES AND FORKS

MEDIUM



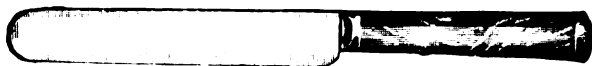
No. 1878—Knives and Forks, 5 1/4 inch Straight Blade, Cocobolo Handle, 3 Tined Forks.....**\$12.00**

No. 1878K—Knives Only **14.00**



No. 933—Knives and Forks, 5 1/4 inch Straight Blade, Cocobolo Handle, Metal Bolster, 3 Tined Forks...**\$17.00**

No. 933K—Knives Only **19.00**



No. 1933—Knives and Forks, 5 1/4 inch Straight Blade, Cocobolo Handle, Metal Bolster and Cap, 3 Tined Forks**\$19.00**

No. 1933K—Knives Only**21.00**

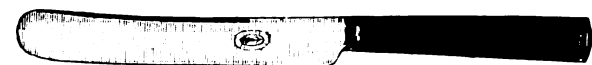


No. 935C—Knives and Forks, 5 1/4 inch Cimenter Blade, Cocobolo Handle, Metal Bolster, 3 Tined Forks...**\$19.00**

No. 635C —Same as No. 935C, but Bone Handle..... **28.00**

No. 935CK—Knives Only **21.00**

No. 635CK—Knives Only **30.00**



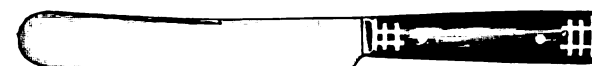
No. 1935C—Knives and Forks, 5 1/4 inch Cimenter Blade, Cocobolo Handle, Metal Bolster and Cap, 3 Tined Forks**\$20.00**

No. 1735C—Same as No. 1935C, but Ebony Handle.... **22.00**

No. 1635C—Same as No. 1935C, but Bone Handle..... **28.00**



No. 1761C—Knives and Forks, 5 1/4 inch Cimenter Blade, Ebony Handle, Fancy Metal Bolster and Cap, 3 Tined Forks **\$26.50**



No. 41960C—Knives and Forks, 5 1/4 inch Cimenter Blade, Cocobolo Handle, Fancy Metal Bolster and Cap, 4 Tined Forks.....**\$25.00**

No. 41760C—Same as No. 41960C, but Ebony Handle. **27.00**



No. 41926C—Knives and Forks, 5 1/4 inch Cimenter Blade, Long Cocobolo Handle, Fancy Metal Bolster and Cap, Brass Rivets, 4 Tined Forks.....**\$30.00**

No. 41726C—Same as No. 41926C, but Ebony Handle. **32.00**



No. 41992—Highest Quality Knives and Forks, 5 1/4 inch Cimenter Blade, Swelled Cocobolo Handle, Fancy Metal Bolster and Cap, 4 Tined Forks....**\$39.00**

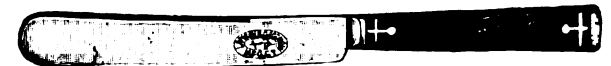
No. 41792C—Knives and Forks, Same as No. 41992C, but Swelled Ebony Handle..... **42.00**



No. 41936C—Knives and Forks, 5 1/4 inch Cimenter Blade, Cocobolo Handle, Fancy Metal Bolster and Cap, 4 Tined Forks**\$28.00**

No. 41736C—Same as No. 41936C, but Ebony Handle.. **30.00**

No. 41636C—Same as No. 41936C, but Bone Handle.. **36.00**



No. 41937C—Knives and Forks, 5 1/4 inch Cimenter Blade, Cocobolo Handle, Fancy Metal Bolster and Cap, 4 Tined Fork**\$28.00**

No. 41637C—Knives and Forks, Same as No. 41937C, but with Long White Bone Handle and Two Brass Rivets **36.00**

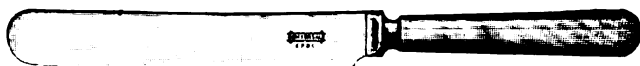
TINNED



No. 40—Medium Knives and Forks, Cast Steel, Heavily Plated with Pure Tin, Straight Blade, Solid Round End Handle Knives, Tipped Spoon Handle, 4 Tined Forks**\$14.00**

No. 40F—Forks Only **8.50**

NICKEL PLATED



No. 60—Medium Knives and Forks, Cimenter Steel Blade, Hollow Handles, 4 Tined Forks, Full Nickel Plated**\$24.00**

No. 60K—Knives Only **26.00**

Knives and Forks One-twelfth Gross (One Set) in a Box; Knives Only One-twelfth Gross in a Box.

STEAK KNIVES

For Restaurants, Hotels and Private Use. Used as an Individual Carver for Cutting Meat, Steak, etc., when Silver Knives are too Dull to be Useful.



- No. 351—Stainless Steel Blades, Solid Aluminum Handle, Highly Finished **\$8.00**
Per Dozen
One-half Dozen in a Box.



- No. 500—Stainless Steel Blades, Cimeter and Swaged, Cream Ivory Handle **\$9.50**
Per Dozen
One-half Dozen in a Box.



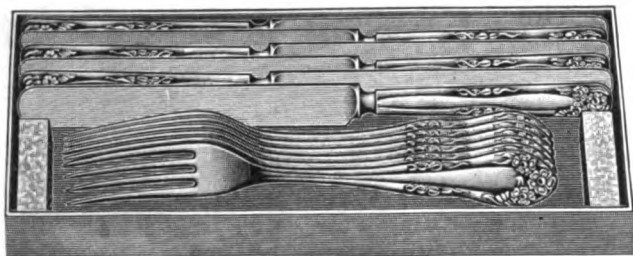
- No. 600—Frankfurth, Forged Stainless Steel Blades, Hollow Drawn Steel Handle, Electrically Welded to the Blade and Guaranteed to be 12 Dwt. Silver Plated **\$13.00**
Per Dozen
One-half Dozen in a Rack Box.

KNIVES AND FORKS
STAINLESS STEEL

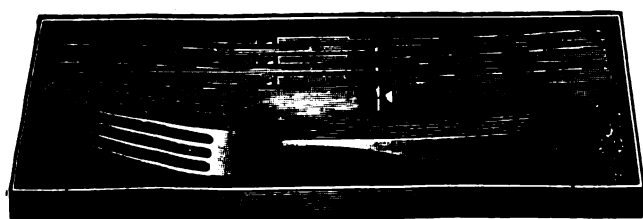
- No. 400—Medium Knives and Forks, Cimeter and Swaged Stainless Steel Blade, Cream Ivory Handles, Silver Plated Forks **\$9.00**
Per Set
One-half Dozen in a Rack Box.

Note—The blades of Stainless Steel Knives are guaranteed not to stain, rust or change color from the acids in any food. To clean the knives simply wash off with hot water and soap. Do not scour them.

LASHAR SILVER



- No. 130—Floral Pattern, Medium Knives and Forks, Solid White Metal, Cimeter Swaged Blade, Round End Handle Knives, Flat Handle, 4 Tined Forks, Not Silver Plated **\$4.50**
Per Set



- No. 140—Medium Knives and Forks, Solid White Metal Cimeter Swaged Blade, Solid Round End Handle Knives, Windsor Pattern Forks, Not Silver Plated **\$4.50**
Per Set
All Above, One Set (Six Knives and Six Forks) in a Box.

KNIVES AND FORKS

LASHAR SILVER



- No. 135—Medium Knives and Forks, Solid White Metal, Cimeter Swaged Blade, Solid Round End Handle Knives and Jumbo Forks, Not Silver Plated **\$5.00**
Per Set

Lashar Silver Knives and Forks are guaranteed to be made of solid white metal throughout and have no plate to wear off, and with proper care will always retain their sterling silver appearance.

SILVER PLATED



- No. 125—Sheffield, Medium Knives and Forks, Straight Blades, Solid Steel, Round End Handles, Silver Plated, 2 Dwt. **\$8.00**
Per Set



- No. 115—Wm. Rogers & Son, 12 Dwt., Medium Knives and Forks, Cimeter Swaged Blade, Plain Round End Handle, Triple Silver Plated **\$6.00**
Per Set
No. 116—Wm. Rogers & Son, 12 Dwt., Dessert Knives and Forks, Otherwise Same as No. 115 **5.80**
Per Dozen
No. 115K—Medium Knives Only **\$6.20**
No. 116K—Dessert Knives Only **6.00**



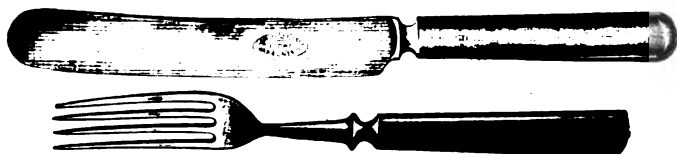
No. 250.

- No. 150—Frankfurth, 14 Dwt., Medium Knives and Forks, Cimeter Swaged Crucible Steel Blade, Solid Round End Handles, Extra Heavy Silver Plate.
Per Set **\$ 5.80**
Per Dozen Sets **66.00**
No. 150-S—Same as No. 150, but with Satin Finished Handles.
Per Set **5.80**
Per Dozen Sets **66.00**
No. 250—Frankfurth, 12 Dwt., Breakfast Knives and Forks, Otherwise Same as No. 150.
Per Set **5.50**
Per Dozen Sets **62.40**

The quality of these Knives is guaranteed to be equal to any knives made. Plated with purest grade of silver on heavy weight blanks.

KNIVES AND FORKS

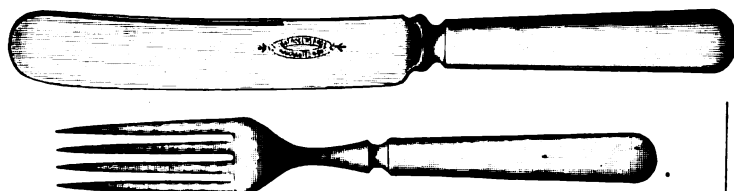
SILVER PLATED



Per Set

- No. 700—Frankfurth, Medium Knives and Forks, Cimeter Swaged Blade, 16 Dwt. Silver Plated, 4 Tined Forks, Seamless Crucible Steel Hollow Handles. \$10.00

The blades are forged from solid bar of high grade crucible steel, hardened, tempered and ground by hand. Handles and blade are electrically welded and are absolutely watertight and indestructible.



Solid Round End Handles, Cimeter and Swaged Blades, Triple Silver Plated.

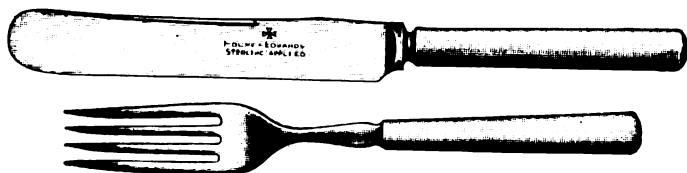
Per Set

- No. 154½—1847 Rogers Bros., 16 Dwt., Medium Knives and Forks, Plain Finish Handles. \$7.80
 No. 154½-S—Same as No. 154½, but with Satin Finish Handles. 7.80
 No. 157½—1847 Rogers Bros., 16 Dwt., Dessert Knives and Forks, Plain Finish Handles. 7.10

Per Dozen

- No. 12—16 Dwt., Medium Knives Only, Cimeter and Swaged, Same as No. 154½ Set. \$7.40
 One Set (Six Knives and Six Forks) in a Box.

STERLING APPLIED

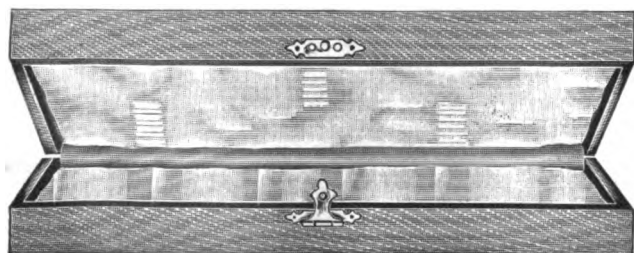


Per Set

- No. 145—Sterling Applied, Medium Knives and Forks, Cimeter and Swaged Blade, Solid Round End Handles, 12 Dwt. Forks. \$7.50
 No. 145-S—Same as No. 145, but Satin Finished Handles. 7.50

The special sterling applied knives have a heavy reinforcement of pure silver applied on the bolster and the end of the handle of the knives and the back of the handle and heel of the forks. Guaranteed to be four times thicker than triple plate. One Set (Six Knives and Six Forks) in a Box.

DISPLAY CASES



For One Set Knives and Forks.

Each

- No. 412MT—Size Closed 10½ x 7¼ x 1¼ inches, Oak Finish, White Ribbed Lining, Nickel Plated Clasp. \$1.00

SILVERWARE ROLLS



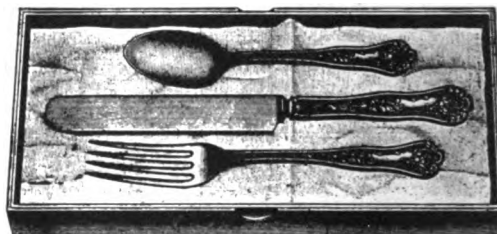
Canton Flannel, Maroon Color, Not Tarnishable.

Per Dozen

- No. 2—Will Hold 12 Tea Spoons. \$5.30
 No. 11—Will Hold 6 Dessert Spoons. 3.80
 No. 19—Will Hold 6 Table Spoons. 4.00
 No. 21—Will Hold 6 Knives and Forks. 5.50

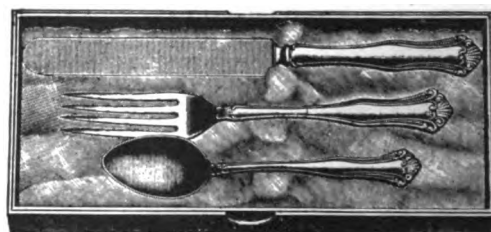
One Dozen Rolls in a Carton.

CHILDREN'S SETS



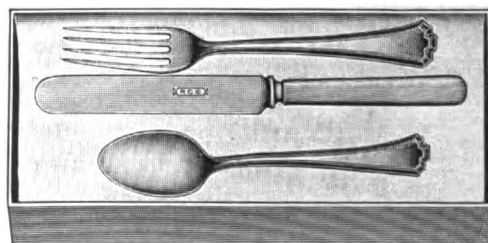
Per Dozen Sets

- Floreille—Three Piece Set, Knife, Fork and Spoon, Silver Plated, French Gray Finish, in White Lined Box. \$6.00



Per Dozen Sets

- Martinique—Three Piece Set, Knife, Fork and Spoon, Silver Plated, Heavy Weight, in Cloth Lined Box, Assorted Color Boxes. \$7.00



Per Dozen Sets

- No. 600—"Manchester Pattern", Three Piece Set, Plain Solid Handle Knife, Flat Handle Fork and Spoon, Silver Plated, Bright Finish. \$12.00
 One Set in a Lined Box.

SILVER PLATED WARE "ADVERTISING HELPS"

WE WILL FURNISH FREE ANY OF THE ADVERTISING MATTER SHOWN ON THIS PAGE



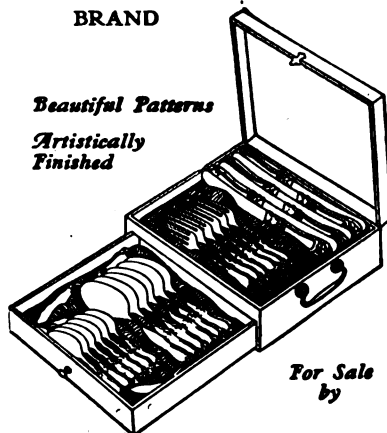
No. 8598 Electrottype.

SILVERWARE
in Silk Lined Drawer Chest

Beautiful combination sets of every size, suitable for any occasion.
There is no line so replete in every particular as the

Holmes & Edwards
BRAND

Beautiful Patterns
Artistically
Finished



For Sale
by

No. 9892 Electrottype.



No. 6298 Electrottype.

Nos. 8598, 9892 and 6298 Electrotypes are designed for single newspaper column and may be used alone or in connection with additional reading matter.

COLORED LANTERN SLIDES FOR MOVING PICTURE THEATRES

Order by Number.



No. 85A—De Sancy.



No. 62—Carolina.

These Slides are Made Up in Colors and Carry the Dealer's Business Address.

WINDOW DISPLAY CARDS

These Cards are printed in black on heavy white card, 9 1/4 x 12 1/4 inches, with Easel Back.
Furnished for De Sancy, Carolina and Washington Pattern.
Can be used in window, on show case or counter.

IMPRINT LEAFLETS

Furnished in reasonable quantities imprinted with Dealer's Name and Address.

For De Sancy, Carolina and Washington Patterns.
These leaflets consist of four pages of business envelope size, printed in black and white, giving a list of all articles made in the pattern with some illustrations.

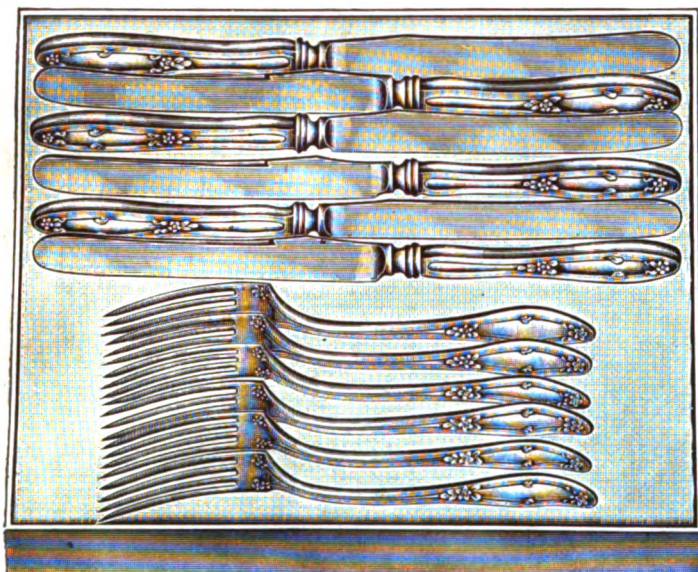
Note—We are also prepared to furnish any of the above advertising helps in the Washington Pattern.

SILVER PLATED WARE

HOLMES & EDWARDS

DE SANCY PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH

All Silver Plated Staple Pieces, Spoons and Forks, after receiving a special heavy plate, are given by a separate and additional process, a heavy reinforcement of Silver on the points of greatest wear, namely, back of handle, back of bowl and tip.

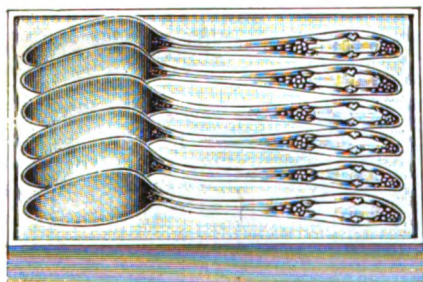


Finely Tempered Steel Cimenter and Swaged Blades.

Per Set

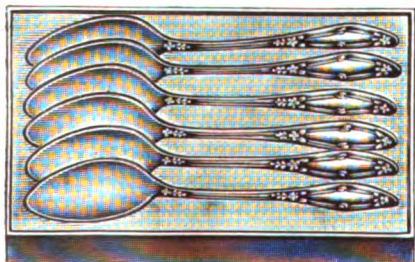
- No. 1250D—Medium Knives and Forks, Nickel Silver
Hollow Handle Knives, Flat Handle Nickel Silver
Forks \$16.34
- No. 1251D—Breakfast Knives and Forks, Same Description as No. 1250D..... 15.34

One Set (Six Knives and Six Forks) in a Combination Box.

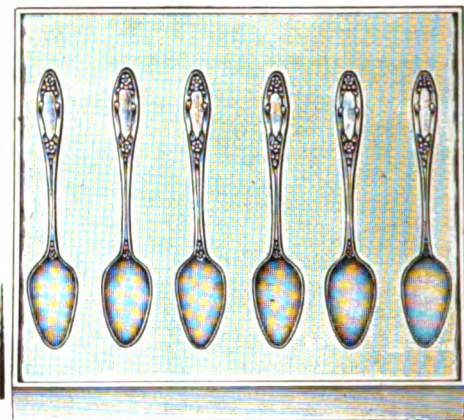


- No. 608D—Five O'Clock Tea Spoons.....\$ 6.00
- No. 601D—Tea Spoons 6.00
- No. 602D—Dessert Spoons 10.40
- No. 603D—Table Spoons 11.60

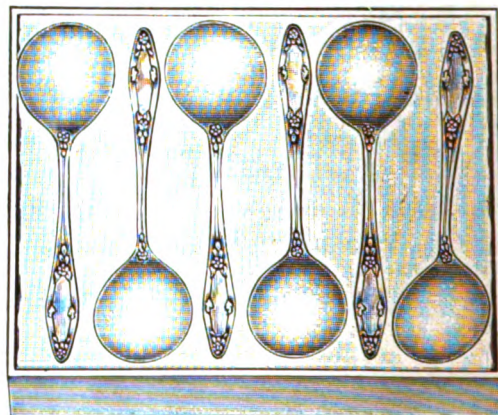
One-half Dozen in a Lined Box.



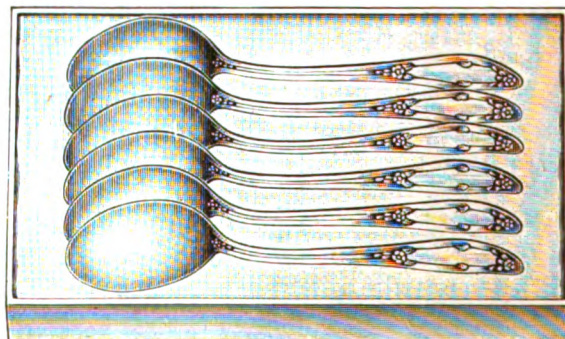
- No. 607D—Coffee Spoons\$5.35
- One-half Dozen in a Lined Box.



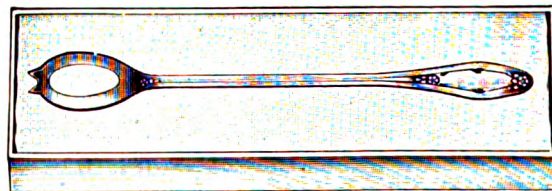
- No. 611D—Orange Spoons, Plain Bowl.....\$7.00
- One-half Dozen in a Lined Box.



- No. 616D—Bouillon Spoons\$10.40
- One-half Dozen in a Lined Box.



- No. 604D—Soup Spoons, Round Bowl.....\$11.60
- One-half Dozen in a Lined Box.

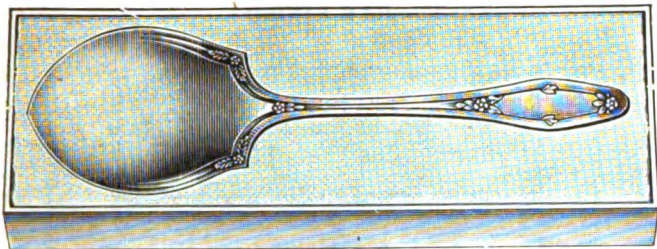


- No. 125D—Olive Spoons, Short Handle.....\$15.50
- One-twelfth Dozen in a Lined Box.

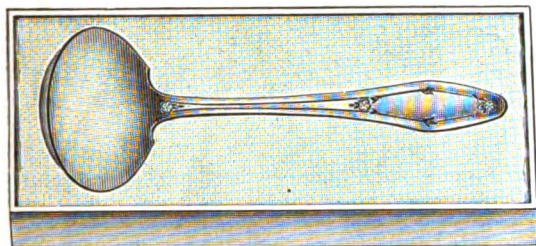
SILVER PLATED WARE

HOLMES & EDWARDS

DE SANCY PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH



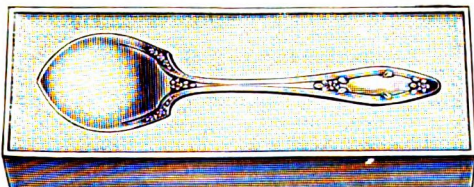
- Per Dozen
 No. 119D—Berry Spoon, Plain Bowl\$28.00
 No. G119D—Berry Spoon Gilt Bowl, 37.00
 One-twelfth Dozen in a Lined Box.



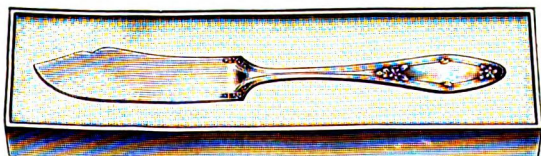
- Per Dozen
 No. 165D—Cream Ladle, Plain Bowl\$15.50
 No. G165D—Cream Ladle, Gilt Bowl 21.50
 No. 166D—Gravy Ladle, Plain Bowl 21.00
 No. G166D—Gravy Ladle, Gilt Bowl 30.00
 No. 171D—Soup Ladle, Plain Bowl..... 62.00
 One-twelfth Dozen in a Lined Box.



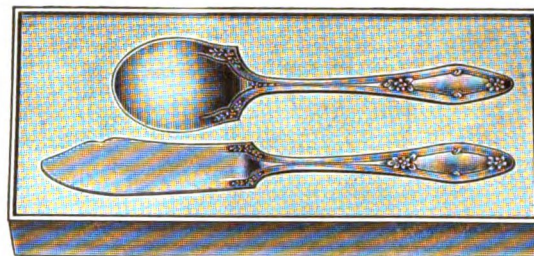
- Per Dozen
 No. 621D—Iced Tea Spoons.....\$8.35
 One-half Dozen in a Lined Box.



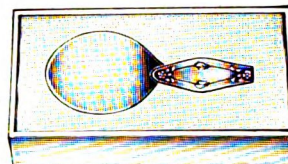
- Per Dozen
 No. 105D—Sugar Shells, Plain Bowl\$11.90
 No. G105D—Sugar Shells, Gilt Bowl 15.90
 One in a Lined Box.



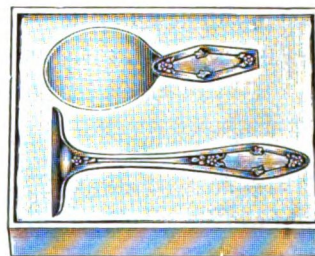
- Per Dozen
 No. 152D—Butter Knives, Plain Blade\$13.50
 No. G152D—Butter Knives, Gilt Blade 17.50
 One-twelfth Dozen in a Lined Box.



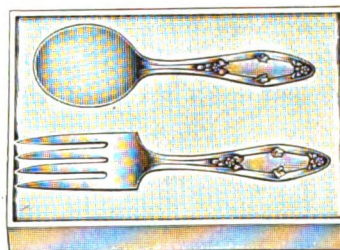
- Per Dozen Sets
 No. 200D—Sugar Shell and Butter Knife, Plain....\$25.50
 No. G200D—Sugar Shell and Butter Knife, Gilt..... 33.50
 One Set in a Lined Box.



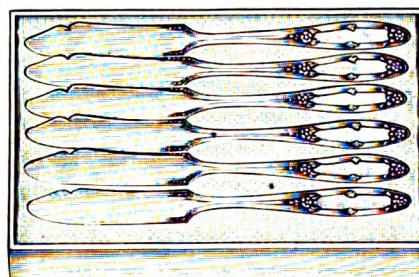
- Per Dozen
 No. 122D—Baby Spoon, Bent Handle.....\$8.50
 One-twelfth Dozen in a Lined Box.



- Per Dozen Sets
 No. 203D—Baby Set, Bent Handle Spoon and Food
 Pusher\$17.00
 One Set in a Lined Box.



- Per Dozen Sets
 No. 201D—Educator Set, Spoon and Fork.....\$17.00
 One Set in a Lined Box.

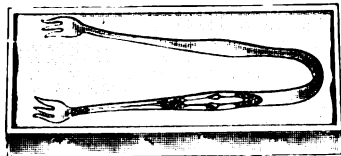


- Per Dozen
 No. 653D—Individual Butter Spreaders.....\$9.50
 One-half Dozen in a Lined Box.

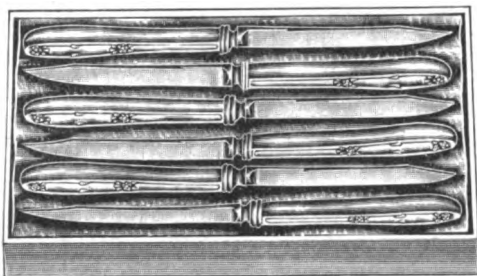
SILVER PLATED WARE

HOLMES & EDWARDS

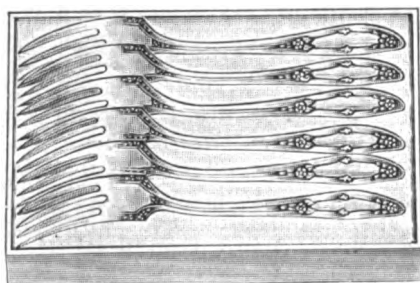
DE SANCY PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH



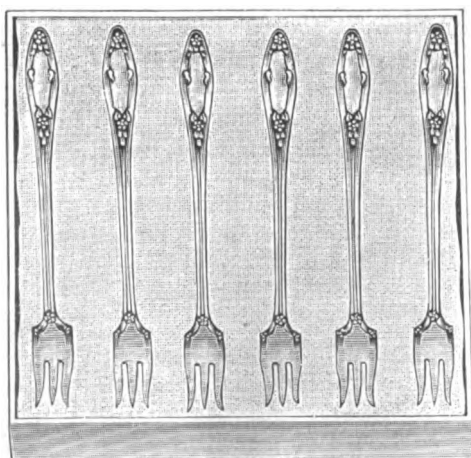
No. 178D—Sugar Tongs Per Dozen \$21.00
One-twelfth Dozen in a Lined Box.



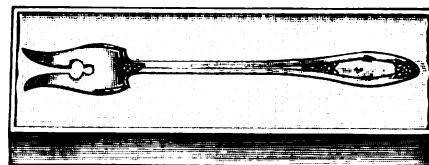
No. 465D—Fruit Knives, Hollow Handle..... Per Dozen \$19.00
One-half Dozen in a Lined Box.



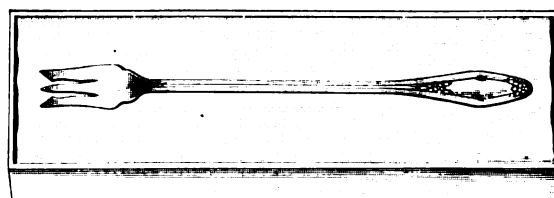
No. 688D—Individual Salad Forks..... Per Dozen \$11.00
One-half Dozen in a Lined Box.



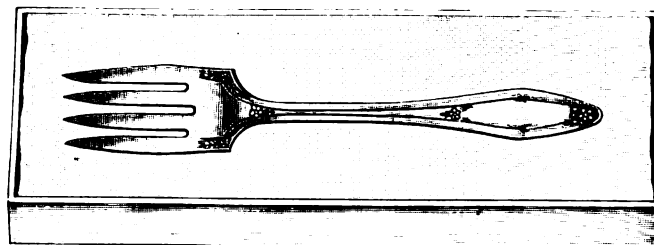
No. 629D—Oyster Forks Per Dozen \$6.80
One-half Dozen in a Lined Box.



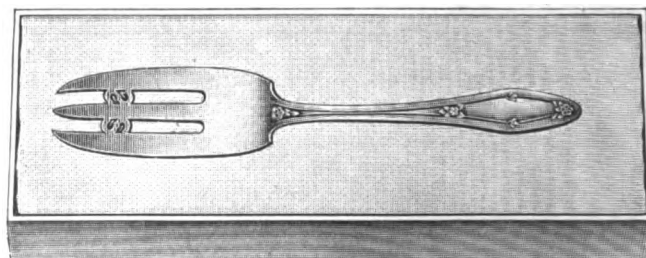
No. 181D—Pickle Forks, Short, 2 Tines..... Per Dozen \$11.00
One-twelfth Dozen in a Lined Box.



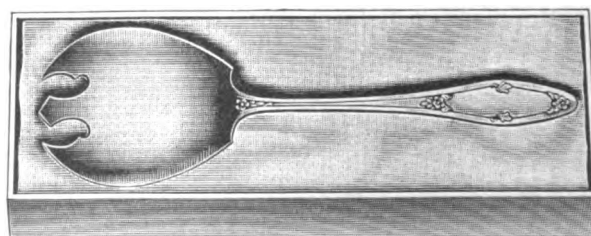
No. 132D—Chow Chow or Long Pickle Fork, 3 Tines... Per Dozen \$15.00
One-twelfth Dozen in a Lined Box.



No. 135D—Cold Meat Forks, Plain Tines..... Per Dozen \$17.50
No. G135D—Cold Meat Forks, Gilt Tines 23.50
One-twelfth Dozen in a Lined Box.



No. 142D—Cake Forks Per Dozen \$17.50
One-twelfth Dozen in a Lined Box.

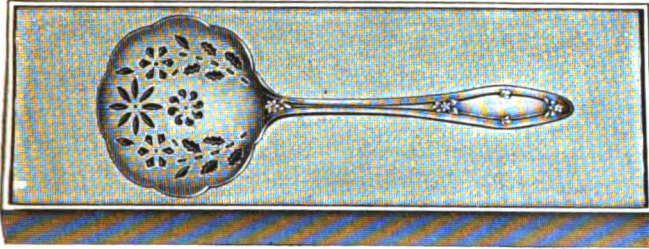


No. 139D—Salad Serving Forks..... Per Dozen \$34.00
One-twelfth Dozen in a Lined Box.

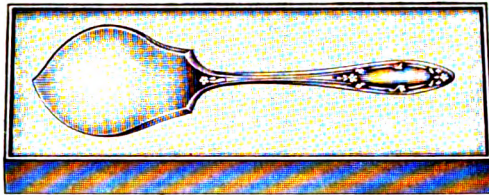
SILVER PLATED WARE

HOLMES & EDWARDS

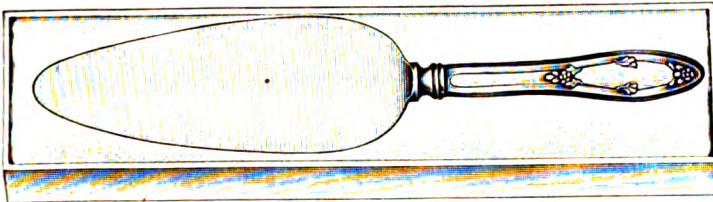
DE SANCY PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH



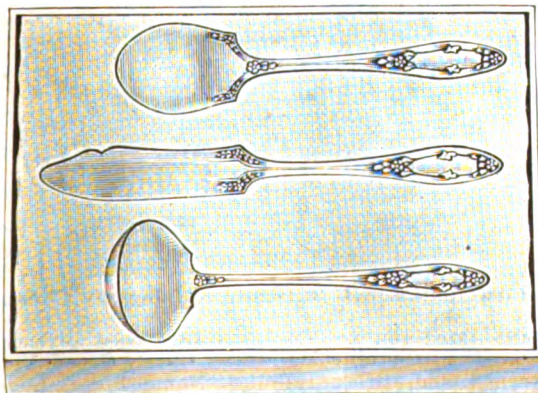
No. 186D—Tomato Servers Per Dozen \$28.00
One-twelfth Dozen in a Lined Box.



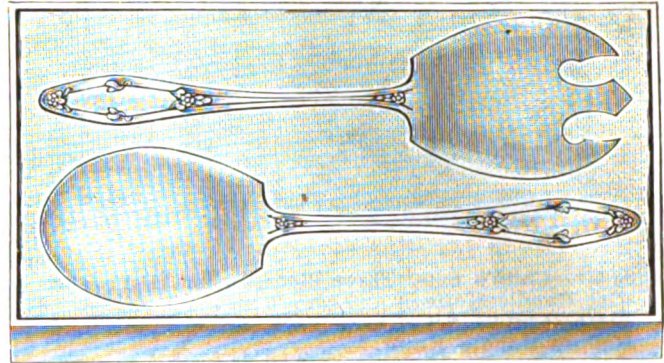
No. 168D—Jelly Servers Per Dozen \$13.50
One-twelfth Dozen in a Lined Box.



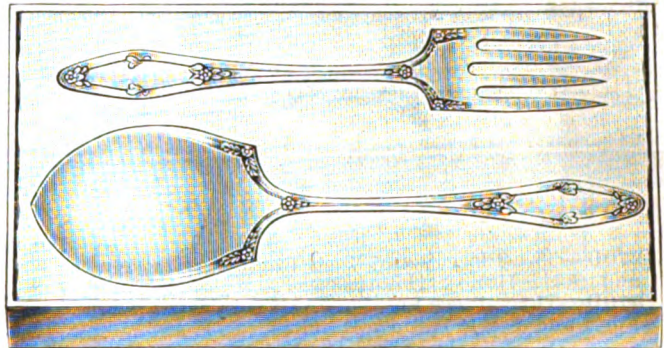
No. 83D—Pie Servers, Hollow Handle Per Dozen \$41.00
One-twelfth Dozen in a Lined Box.



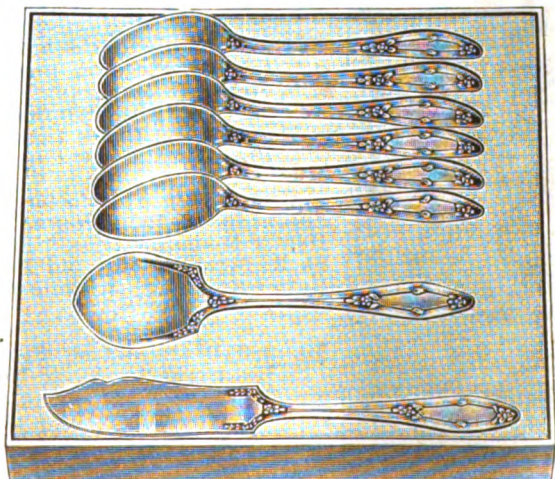
No. 302D—Three-Piece Set, Sugar Shell, Butter Knife
and Cream Ladle Per Set \$3.60
One Set in a Lined Box.



No. 204D—Salad Set, Large Fork and Spoon Per Set \$5.50
One Set in a Lined Box.



No. 202D—Two-Piece Set, Berry Spoon and Cold Meat
Fork Per Set \$3.79
One Set in a Lined Box.

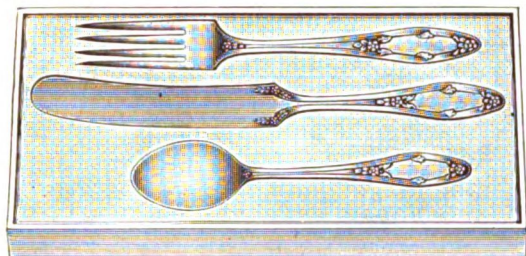


No. 800D—Eight-Piece Set, 6 Tea Spoons, 1 Sugar Shell
and 1 Butter Knife Per Set \$5.00
One Set in a Lined Box.

SILVER PLATED WARE

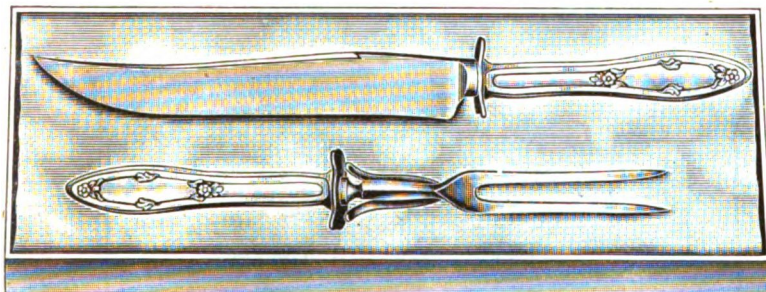
HOLMES & EDWARDS

DE SANCY PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH



- Per Set
 No. 303D—Child's Sets, Three-Piece, Spoon, Fork and Flat Handle Knife.....\$2.25
 No. 304D—Child's Set, Three-Piece, Spoon, Fork and Hollow Handle Knife.....2.92

One Set in a Lined Box.



- Per Set
 No. 270D—Two-Piece Set, 7 inch Game Carver, Knife and Fork, Hollow Handles.....\$ 8.50
 No. 370D—Three-Piece Set, 7 inch Game Carver, Knife, Fork and Steel, Hollow Handles.....12.50

One Set in a Lined Box.



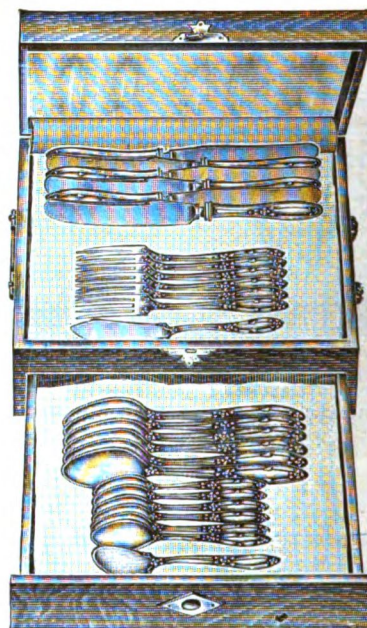
Combination Sets in Mahogany Finish Chests.

- Per Set
 No. 3050D—Medium, Set Contains 30 Pieces as Enumerated, in Mahogany Finish Chest with Two Drawers, Green Ribbed Lining, Brass Handles and Catch.....\$37.50

Contents—6 Tea Spoons, 6 Table Spoons, 6 Medium Forks, 6 Hollow Handle Medium Knives, 1 Each Sugar Shell, Berry Spoon, Cold Meat Fork, Butter Knife, Cream Ladle and Gravy Ladle.

- Per Set
 No. 3051D—Breakfast, Same Description as No. 3050D\$35.90

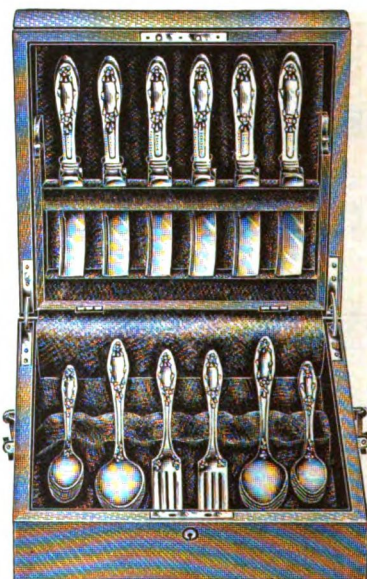
Contents—6 Tea Spoons, 6 Dessert Spoons, 6 Dessert Forks, 6 Hollow Handle Breakfast Knives, 1 Each Sugar Shell, Berry Spoon, Cold Meat Fork, Butter Knife, Cream Ladle and Gravy Ladle.



Combination Sets, in Mahogany Finish Chests.

- Per Set
 No. 2650D—Medium, Set Contains 26 Pieces as Enumerated, in Mahogany Finish Chest with One Drawer, Green Venetian Lined, Brass Handles and Catch\$29.25
 Contents—6 Tea Spoons, 6 Table Spoons, 6 Hollow Handle Medium Knives, 6 Medium Forks, 1 Sugar Shell, 1 Butter Knife.

- Per Set
 No. 2651D—Breakfast, Same Description as No. 2650D. \$27.65
 Contents—6 Tea Spoons, 6 Dessert Spoons, 6 Dessert Forks, 6 Hollow Handle Breakfast Knives, 1 Sugar Shell, 1 Butter Knife.



Combination Set, in Genuine Mahogany Chest.

- Per Set
 No. 4850D—Medium, Set Contains 48 Pieces as Enumerated, in Genuine Mahogany Chest, Green Velvet-lined, Brass Handles, Name Plate, Lock and Key\$69.70

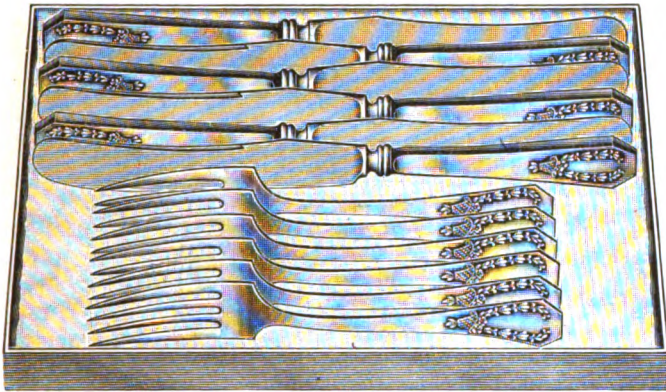
Contents—12 Tea Spoons, 6 Each Table Spoons, Soup Spoons, Dessert Forks, Medium Forks, Hollow Handle Breakfast Knives and Hollow Handle Medium Knives.

SILVER PLATED WARE

HOLMES & EDWARDS

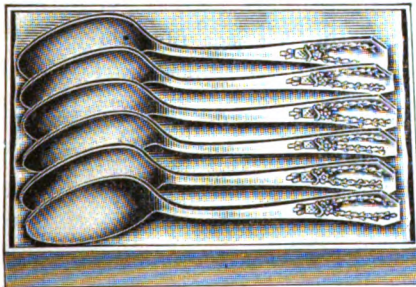
CAROLINA PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH

All Silver Plated Staple Pieces, Spoons and Forks, after receiving a special heavy plate, are given by a separate and additional process, a heavy reinforcement of Silver on the points of greatest wear, namely back of handle, back of bowl and tip.

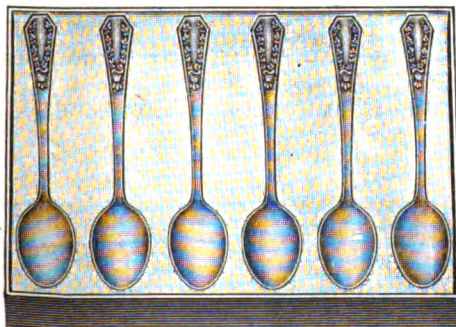


Finely Tempered Steel Cimenter and Swaged Blade.

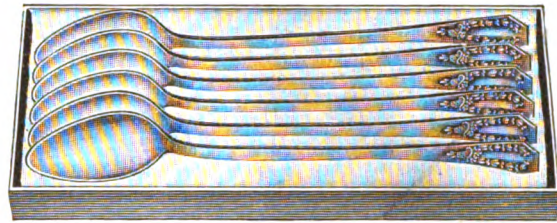
- No. 1250C—Medium Knives and Forks, Nickel Silver
Hollow Handle Knives, Flat Handle Nickel Silver
Forks Per Set \$16.34
- No. 1251C—Breakfast Knives and Forks, Same Description as No. 1250C..... 15.34
- One Set (Six Knives and Six Forks) in a Combination Box.



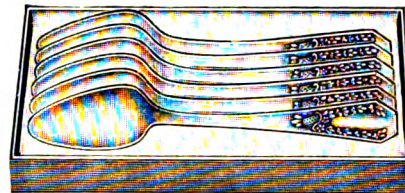
- No. 608C—Five O'Clock Tea Spoons..... Per Dozen \$ 6.00
- No. 601C—Tea Spoons 6.00
- No. 602C—Dessert Spoons 10.40
- No. 603C—Table Spoons 11.60
- One-half Dozen in a Lined Box.



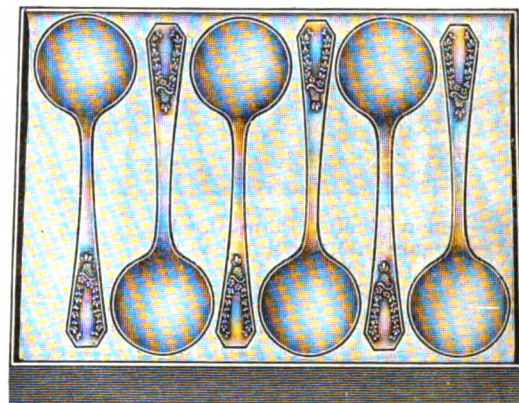
- No. 607C—Coffee Spoons Per Dozen \$5.35
- One-half Dozen in a Lined Box.



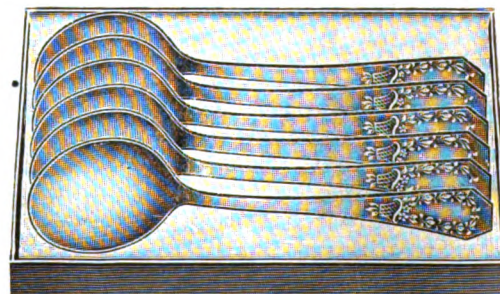
- No. 621C—Iced Tea Spoons..... Per Dozen \$8.35
- One-half Dozen in a Lined Box.



- No. 611C—Orange Spoons, Plain Bowl..... Per Dozen \$7.00
- One-half Dozen in a Lined Box.



- No. 616C—Bouillon Spoons Per Dozen \$10.40
- One-half Dozen in a Lined Box.

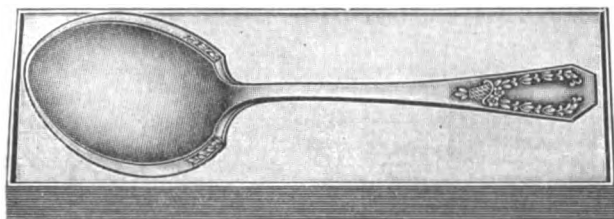


- No. 604C—Soup Spoons, Round Bowl..... Per Dozen \$11.60
- One-half Dozen in a Lined Box.

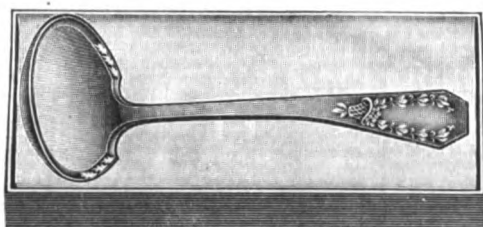
SILVER PLATED WARE

HOLMES & EDWARDS

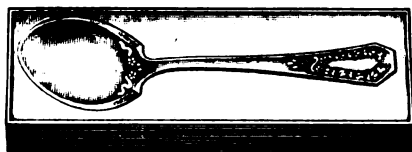
CAROLINA PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH



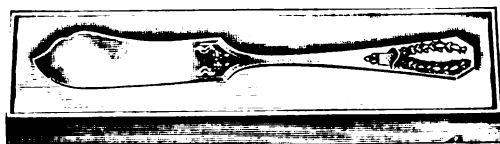
- No. 119C—Berry Spoons, Plain Bowl \$28.00
 No. G119C—Berry Spoons, Gilt Bowl 37.00
 One-twelfth Dozen in a Lined Box.



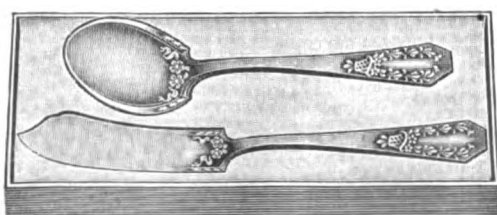
- No. 165C—Cream Ladle, Plain Bowl \$15.50
 No. G165C—Cream Ladle, Gilt Bowl 21.50
 No. 166C—Gravy Ladle, Plain Bowl 21.00
 No. G166C—Gravy Ladle, Gilt Bowl 30.00
 No. 171C—Soup Ladle, Plain Bowl 62.00
 One-twelfth Dozen in a Lined Box.



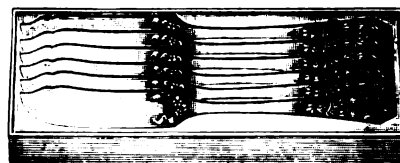
- No. 105C—Sugar Shells, Plain Bowl \$11.90
 No. G105C—Sugar Shells, Gilt Bowl 15.90
 One-twelfth Dozen in a Lined Box.



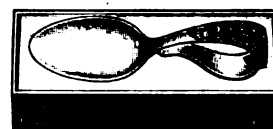
- No. 152C—Butter Knives, Plain Blade \$13.50
 No. G152C—Butter Knives, Gilt Blade 17.50
 One-twelfth Dozen in a Lined Box.



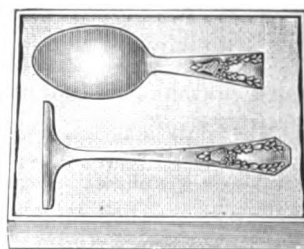
- No. 200C—Sugar Shell and Butter Knife, Plain \$25.50
 No. G200C—Sugar Shell and Butter Knife, Gilt 33.50
 One Set in a Lined Box.



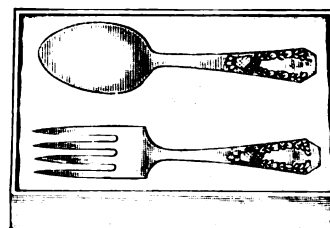
- No. 658C—Individual Butter Spreaders \$9.50
 One-half Dozen in a Lined Box.



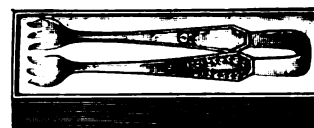
- No. 122C—Baby Spoons, Bent Handle \$8.50
 One-twelfth Dozen in a Lined Box.



- No. 208C—Baby Set, Bent Handle Spoon and Food Pusher \$17.00
 One Set in a Lined Box.



- No. 201C—Educator Set, Spoon and Fork \$17.00
 One Set in a Lined Box.



- No. 178C—Sugar Tongs \$21.00
 One-twelfth Dozen in a Lined Box.

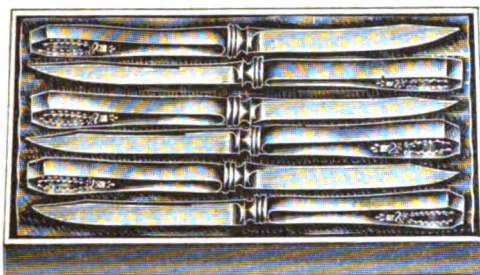


- No. 125C—Olive Spoon, Short Handle \$15.50
 One-twelfth Dozen in a Lined Box.

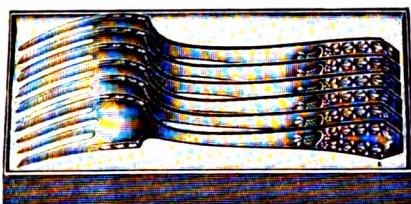
SILVER PLATED WARE

HOLMES & EDWARDS

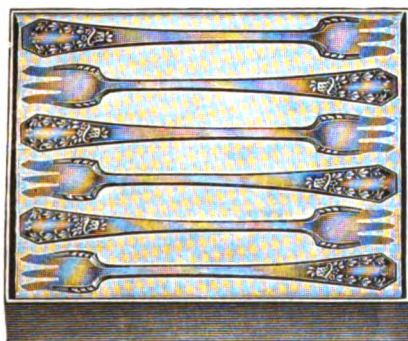
CAROLINA PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH



No. 465C—Fruit Knives, Hollow Handle.....\$19.00
One-half Dozen in a Lined Box.



No. 638C—Individual Salad Forks.....\$11.00
One-half Dozen in a Lined Box.



No. 629C—Oyster Forks.....\$6.80
One-half Dozen in a Lined Box.



No. 131C—Pickle Forks, Short, 2 Tines.....\$11.00
One in a Lined Box.



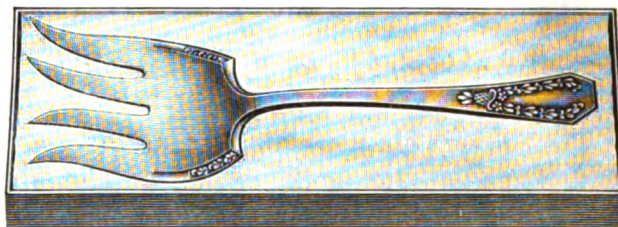
No. 132C—Chow Chow or Long Pickle Forks, 3 Tines...\$15.00
One-twelfth Dozen in a Lined Box.



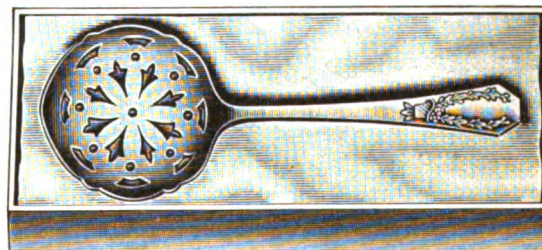
No. 135C—Cold Meat Forks, Plain Tines.....\$17.50
No. G135C—Cold Meat Forks, Gilt Tines.....23.50
One-twelfth Dozen in a Lined Box.



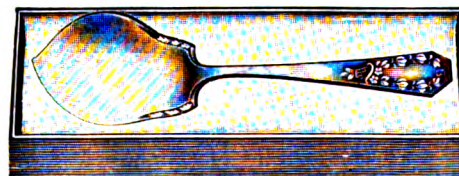
No. 142C—Cake Forks.....\$17.50
One-twelfth Dozen in a Lined Box.



No. 139C—Salad or Serving Forks.....\$34.00
One-twelfth Dozen in a Lined Box.



No. 186C—Tomato Servers.....\$28.00
One-twelfth Dozen in a Lined Box.

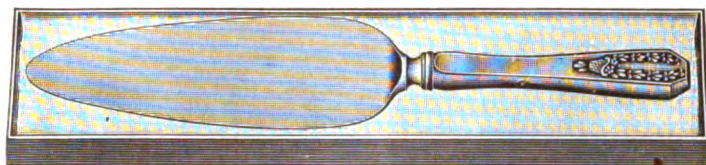


No. 163C—Jelly Servers.....\$13.50
One-twelfth Dozen in a Lined Box.

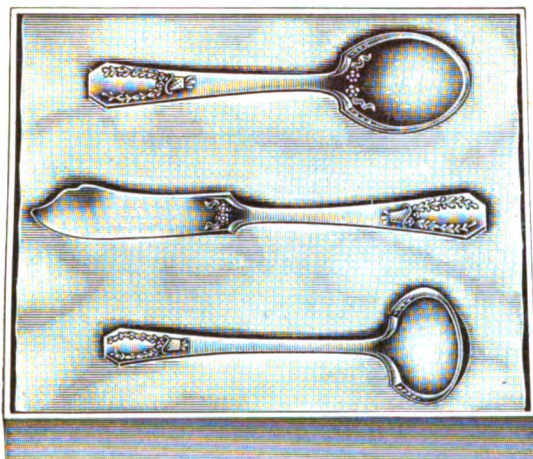
SILVER PLATED WARE

HOLMES & EDWARDS

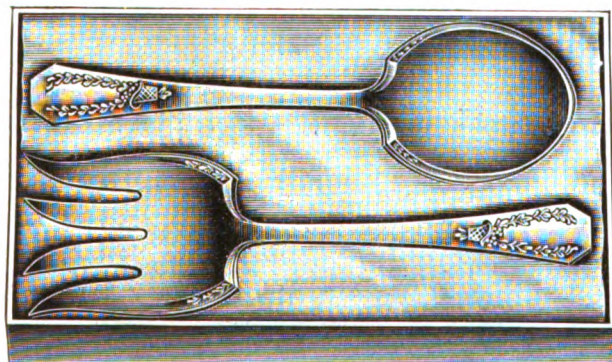
CAROLINA PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH



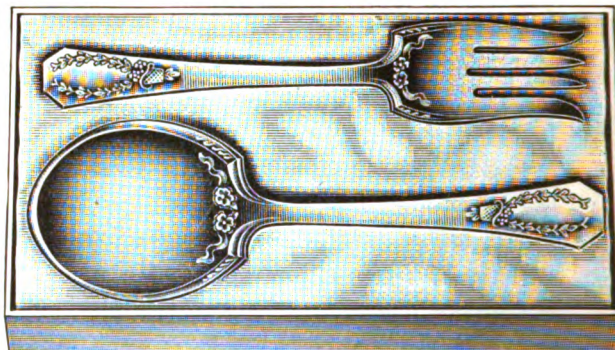
No. 83C—Pie Servers, Hollow Handle.....\$45.00
One-twelfth Dozen in a Lined Box.



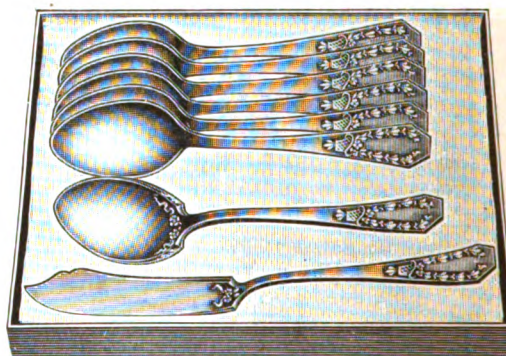
No. 302C—Three-Piece Set, Sugar Shell, Butter Knife
and Cream Ladle.....\$3.60
One Set in a Lined Box.



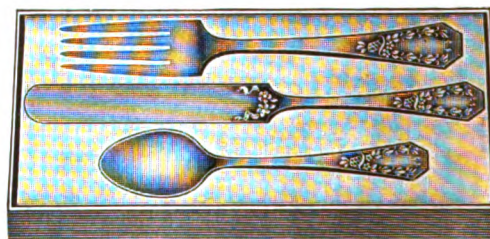
No. 204C—Salad Set, Large Fork and Spoon.....\$5.50
One Set in a Lined Box.



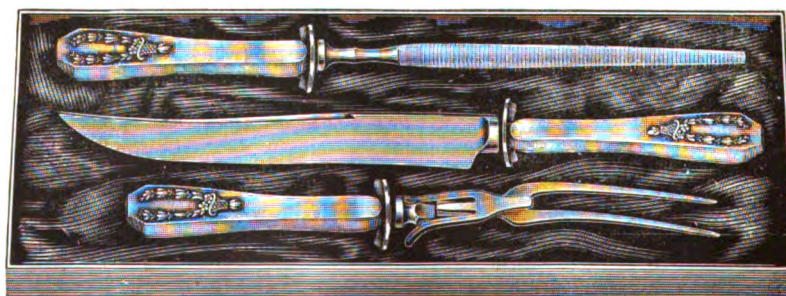
No. 202C—Two-Piece Set, Berry Spoon and Cold Meat
Fork\$3.79
One Set in a Lined Box.



No. 800C—Eight-Piece Set, 6 Tea Spoons, 1 Sugar Shell
and 1 Butter Knife.....\$5.00
One Set in a Lined Box.



No. 303C—Child's Sets, Three-Piece, Spoon, Fork and
Flat Handle Knife.....\$2.25
No. 304C—Child's Sets, Three-Piece, Spoon, Fork and
Hollow Handle Knife.....2.92
One Set in a Lined Box.



No. 270C—Two-Piece Set, 7 inch Game Carvers, Hollow Handle Knife and Fork.....\$ 8.50
No. 370C—Three-Piece Set, 7 inch Game Carvers, Hollow Handle Knife, Fork and Steel.....12.50

One Set in a Lined Box.

SILVER PLATED WARE

HOLMES & EDWARDS

CAROLINA PATTERN, "SPECIAL XIVHE PLATE", FRENCH GRAY FINISH

Contents of No. 2650C Set.

- 6 Tea Spoons,
- 6 Table Spoons,
- 6 Hollow Handle Medium Knives,
- 6 Medium Forks,
- 1 Sugar Shell,
- 1 Butter Knife.



Contents of No. 2651C Set.

- 6 Tea Spoons,
- 6 Dessert Spoons,
- 6 Dessert Forks,
- 6 Hollow Handle Breakfast Knives,
- 1 Sugar Shell,
- 1 Butter Knife.

Combination Sets, in Mahogany Finish Chests.

No. 2650C—Medium, Set Contains 26 Pieces, as Enumerated Above, in Mahogany Finish Chest with One Drawer, Green Velveteen Lined, Brass Handles and Catch.....\$29.25

Per Set

No. 2651C—Breakfast, Set Contains 26 Pieces, as Enumerated Above, in Mahogany Finish Chest with One Drawer, Green Velveteen Lined, Brass Handles and Catch.....\$27.65

Per Set



Combination Sets in Mahogany Finish Chests.

No. 3050C—Medium, Set Contains 30 Pieces, as Enumerated, Chest has Two Drawers, Green Ribbed Lining, Brass Handles and Catch.....\$37.50

Per Set

Contents—6 Tea Spoons, 6 Table Spoons, 6 Medium Forks, 6 Hollow Handle Medium Knives, 1 Each Sugar Shell, Berry Spoon, Cold Meat Fork, Butter Knife, Cream and Gravy Ladle.

Per Set

No. 3051C—Breakfast, Same Description as No. 3050C. \$35.90
Contents—6 Tea Spoons, 6 Dessert Spoons, 6 Dessert Knives, 6 H. H. Breakfast Knives, 1 Each Sugar Shell, Berry Spoon, Cold Meat Fork, Butter Knife, Cream and Gravy Ladle.



Combination Set, in Genuine Mahogany Chest.

No. 4850C—Medium, Set Contains 48 Pieces, as Enumerated, in Genuine Mahogany Chest, Green Velveteen Lined, Brass Handles, Name Plate, Lock and Key\$69.70

Per Set

Contents of Chest.

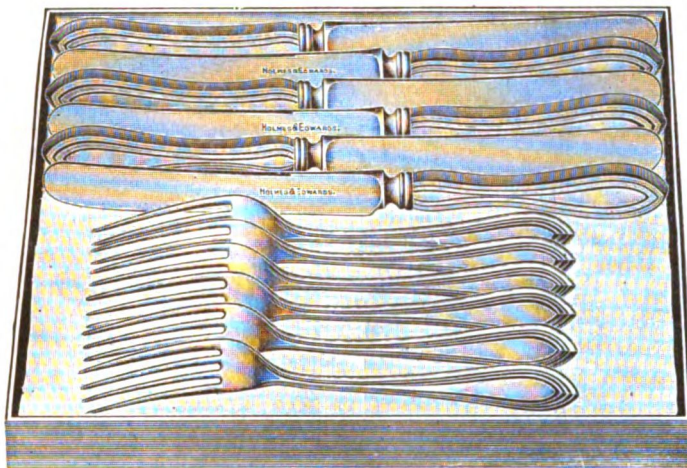
- 12 Tea Spoons,
- 6 Table Spoons,
- 6 Soup Spoons,
- 6 Dessert Forks,
- 6 Medium Forks,
- 6 H. H. Breakfast Knives,
- 6 H. H. Medium Knives.

SILVER PLATED WARE

HOLMES & EDWARDS

WASHINGTON PATTERN, "XIV EXTRA SECTIONAL PLATE", BRIGHT FINISH

The Extra Sectional Plate has 50 per cent more silver deposited on points of greatest wear than is used on standard plate. The wearing points are back of handle, back of bowl and tip.

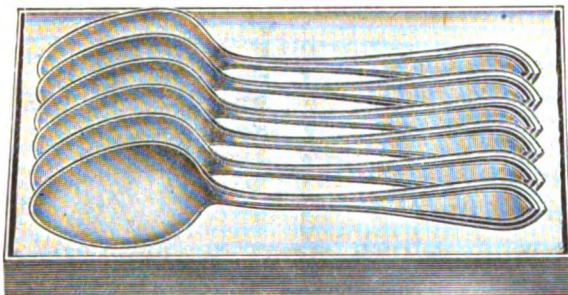


Finely Tempered Steel Cimeter and Swaged Blades.

Per Set

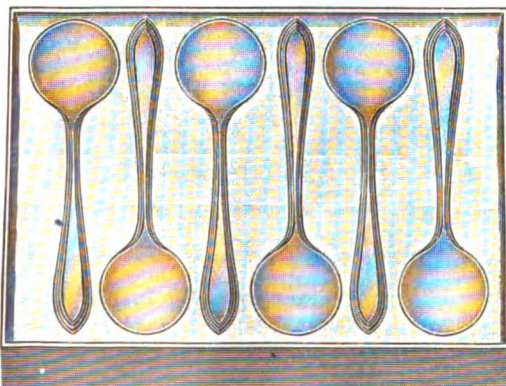
- No. 1250W—Medium, Knives and Forks, Nickel Silver Hollow Handle Knives, Flat Handle Nickel Silver Forks\$15.60
- No. 1251W—Breakfast, Knives and Forks, Same Description as No. 1250W..... 14.70

One Set (Six Knives and Six Forks) in a Combination Box.



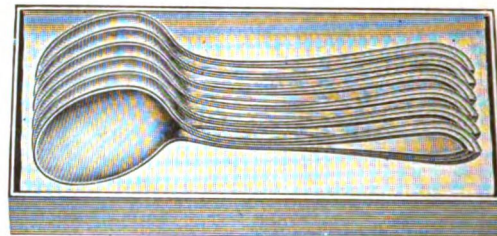
- No. 601W—Tea Spoons\$ 5.25
- No. 602W—Dessert Spoons 9.10
- No. 603W—Table Spoons 10.10

One-half Dozen in a Lined Box.



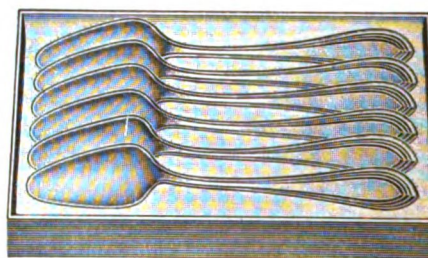
- No. 616W—Bouillon Spoons\$9.00

One-half Dozen in a Lined Box.



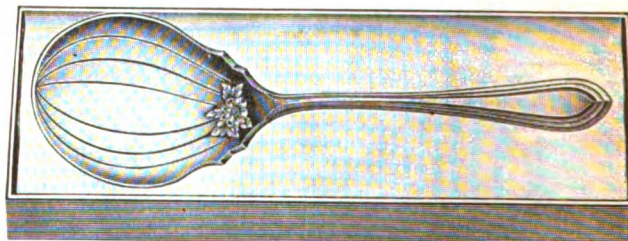
- No. 604W—Soup Spoons\$10.10

One-half Dozen in a Lined Box.



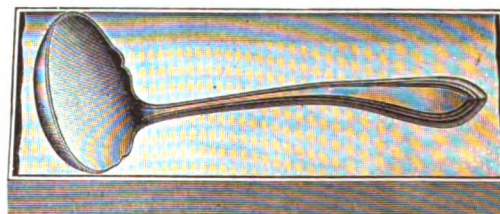
- No. 611W—Orange Spoons, Plain Bowl.....\$6.00

One-half Dozen in a Lined Box.



- No. 119W—Berry Spoons, Plain Bowl\$24.00
- No. G119W—Berry Spoons, Gilt Bowl 33.00

One-twelfth Dozen in a Lined Box.



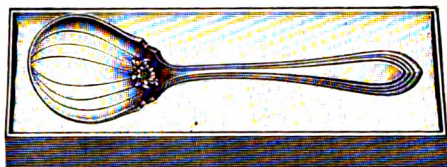
- No. 165W—Cream Ladles, Plain Bowl\$13.50
- No. G165W—Cream Ladles, Gilt Bowl 19.50
- No. 166W—Gravy Ladles, Plain Bowl 18.00
- No. G166W—Gravy Ladles, Gilt Bowl 27.00
- No. 171W—Soup Ladles, Plain Bowl..... 56.00

One-twelfth Dozen in a Lined Box.

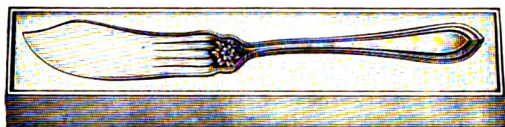
SILVER PLATED WARE

HOLMES & EDWARDS

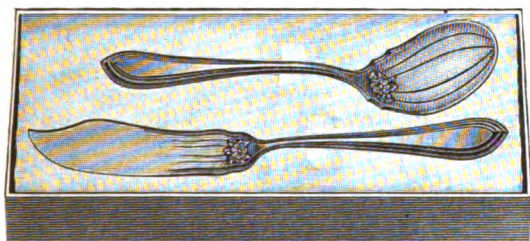
WASHINGTON PATTERN, "XIV EXTRA SECTIONAL PLATE", BRIGHT FINISH



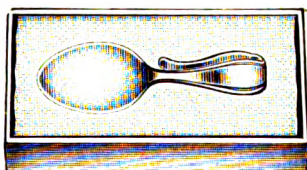
- No. 105W—Sugar Shell, Plain Bowl Per Dozen \$10.50
 No. G105W—Sugar Shell, Gilt Bowl 14.50
 One-twelfth Dozen in a Lined Box.



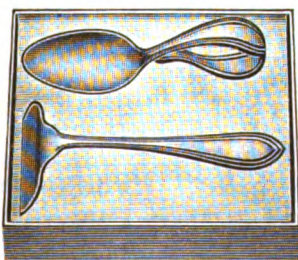
- No. 152W—Butter Knives, Plain Blades Per Dozen \$12.00
 No. G152W—Butter Knives, Gilt Blades 16.00
 One-twelfth Dozen in a Lined Box.



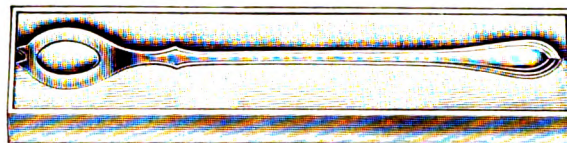
- No. 200W—Sugar Shell and Butter Knife, Plain.... Per Dozen Sets \$22.60
 No. G200W—Sugar Shell and Butter Knife, Gilt..... 30.60
 One Set in a Lined Box.



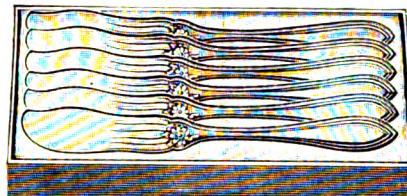
- No. 122W—Baby Spoons, Bent Handle..... Per Dozen \$7.50
 One-twelfth Dozen in a Lined Box.



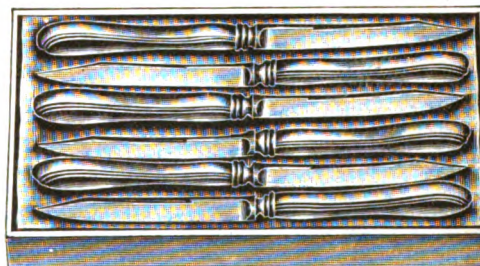
- No. 203W—Baby Set, Bent Handle Spoon and Food
 Pusher Per Dozen Sets \$15.00
 One Set in a Lined Box.



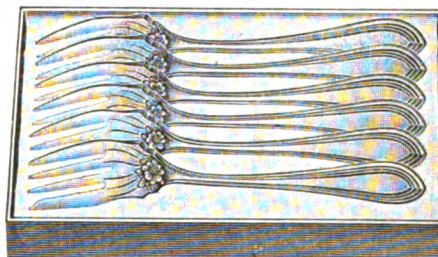
- No. 125W—Olive Spoons Per Dozen \$13.50
 One-twelfth Dozen in a Lined Box.



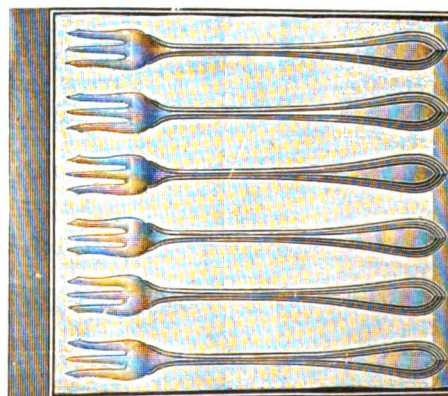
- No. 653W—Individual Butter Spreaders..... Per Dozen \$8.50
 One-half Dozen in a Lined Box.



- No. 465W—Fruit Knives, Flat Solid Handles..... Per Dozen \$7.50
 One-half Dozen in a Lined Box.



- No. 638W—Individual Salad Forks..... Per Dozen \$9.50
 One-half Dozen in a Lined Box.

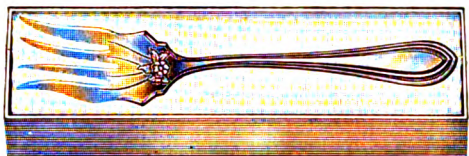


- No. 629W—Oyster Forks Per Dozen \$6.30
 One-half Dozen in a Lined Box.

SILVER PLATED WARE

HOLMES & EDWARDS

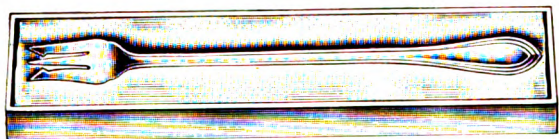
WASHINGTON PATTERN, "XIV EXTRA SECTIONAL PLATE," BRIGHT FINISH



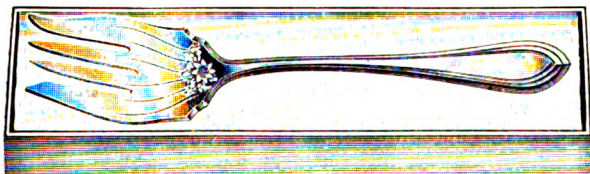
No. 139W—Salad Serving Forks.....\$30.00
One-twelfth Dozen in a Lined Box.



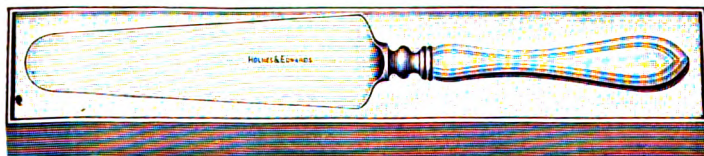
No. 138W—Pickle Forks, Short, 4 Tines.....\$11.00
One-twelfth Dozen in a Lined Box.



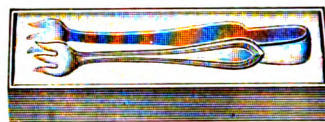
No. 132W—Chow Chow or Long Pickle Forks.....\$13.50
One-twelfth Dozen in a Lined Box.



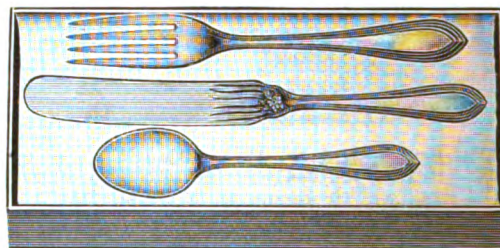
No. 135W—Cold Meat Forks, Plain Tines.....\$15.00
No. G135W—Cold Meat Forks, Gilt Tines..... 21.00
One-twelfth Dozen in a Lined Box.



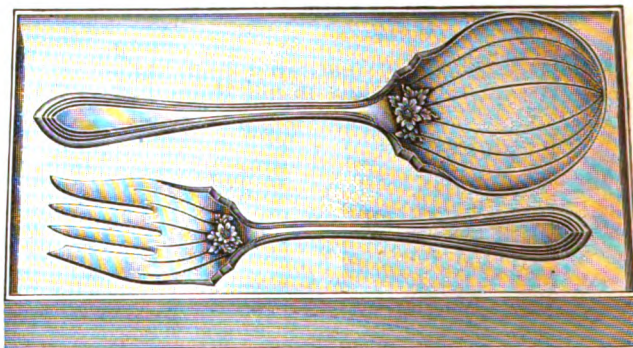
No. 83W—Pie Servers, Hollow Handle.....\$44.00
One-twelfth Dozen in a Lined Box.



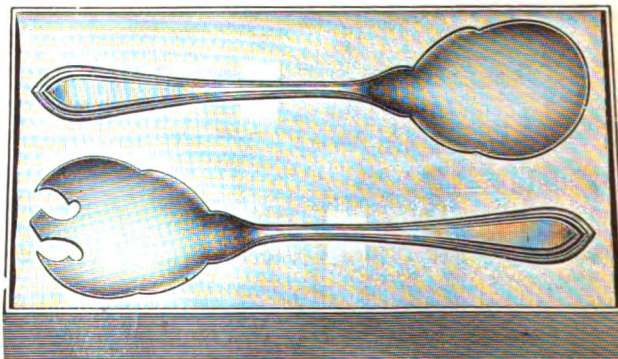
No. 178W—Sugar Tongs\$18.00
One in a Lined Box.



No. 303W—Child's Sets, Three-Piece, Spoon, Fork and Flat Handle Knife.....\$2.00
No. 304W—Child's Sets, Three-Piece, Spoon, Fork and Hollow Handle Knife..... 2.78
One Set in a Lined Box.



No. 202W—Two-Piece Set, Berry Spoon and Cold Meat Fork\$3.25
One Set in a Lined Box.

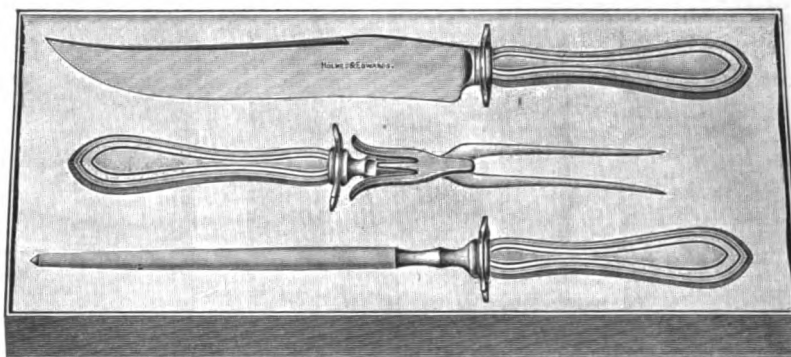


No. 204W—Salad Set, Large Fork and Spoon.....\$4.75
One Set in a Lined Box.

SILVER PLATED WARE

HOLMES & EDWARDS

WASHINGTON PATTERN, "XIV EXTRA SECTIONAL PLATE," BRIGHT FINISH



- | | |
|---|---------|
| | Per Set |
| No. 270W—2-Piece Set, 7 inch Game Carvers, Hollow Handle Knife and Fork..... | \$ 8.50 |
| No. 370W—3-Piece Set, 7 inch Game Carvers, Hollow Handle Knife, Fork and Steel..... | 12.50 |
- One Set in a Lined Box.



Combination Sets in Mahogany Finish Chests.

- | | |
|---|--------------------|
| No. 2650W—Medium, Set Contains 26 Pieces as Enumerated, Chest Has One Drawer, Green Velveteen Lined, Brass Handles and Catch..... | Per Set
\$27.14 |
|---|--------------------|

Contents—6 Tea Spoons, 6 Table Spoons, 6 Hollow Handle Medium Knives, 6 Medium Forks, 1 Sugar Shell, 1 Butter Knife.

- | | |
|--|--------------------|
| No. 2651W—Breakfast, Same Description as No. 2650W | Per Set
\$25.74 |
|--|--------------------|

Contents—6 Tea Spoons, 6 Dessert Spoons, 6 Dessert Forks, 6 Hollow Handle Breakfast Knives, 1 Sugar Shell, 1 Butter Knife.



Combination Sets in Mahogany Finish Chests.

- | | |
|--|--------------------|
| No. 3050W—Medium, Set Contains 30 Pieces as Enumerated, Chest Has Two Drawers, Green Ribbed Lining, Brass Handles and Catch..... | Per Set
\$34.44 |
|--|--------------------|

Contents—6 Tea Spoons, 6 Table Spoons, 6 Medium Forks, 6 Hollow Handle Medium Knives, 1 Each, Sugar Shell, Berry Spoon, Cold Meat Fork, Butter Knife, Cream and Gravy Ladle.

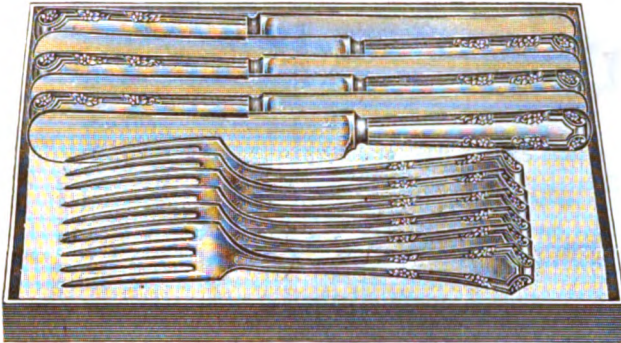
- | | |
|--|--------------------|
| No. 3051W—Breakfast, Same Description as No. 3050W | Per Set
\$33.04 |
|--|--------------------|

Contents—6 Tea Spoons, 6 Dessert Spoons, 6 Dessert Forks, 6 Hollow Handle Breakfast Knives, 1 Each, Sugar Shell, Berry Spoon, Cold Meat Fork, Butter Knife, Cream and Gravy Ladle.

SILVER PLATED WARE

STRATFORD SILVER CO.'S
CHARLESTOWN PATTERN, FRENCH GRAY FINISH

All Spoons, Forks and Staple Pieces are Guaranteed to be Plated with Pure Silver on a Base of High Grade Nickel Silver, Knives are Silver Plated on a High Quality Steel.



No. 1250CS—Medium Knives and Forks, Figured Solid Handle Knives, Straight Blade, Flat Handle Nickel Silver Forks\$5.00
One Set (Six Knives and Six Forks) in a Box.



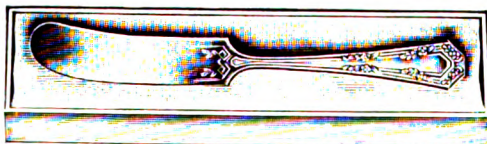
No. 601CS—Tea Spoons\$2.50
No. 602CS—Dessert Spoons4.20
No. 603CS—Table Spoons5.00
One Dozen in a Plain Box.



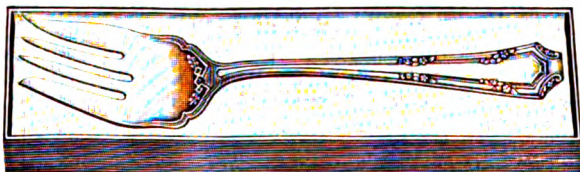
No. 119CS—Berry Spoons\$13.50
One-twelfth Dozen in a Lined Box.



No. 105CS—Sugar Shell\$5.50
One-twelfth Dozen in a Lined Box.



No. 152CS—Butter Knives\$6.00
One-twelfth Dozen in a Lined Box.

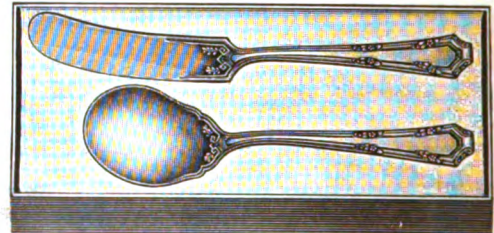


No. 135CS—Cold Meat Forks\$10.00
One-twelfth Dozen in a Lined Box.

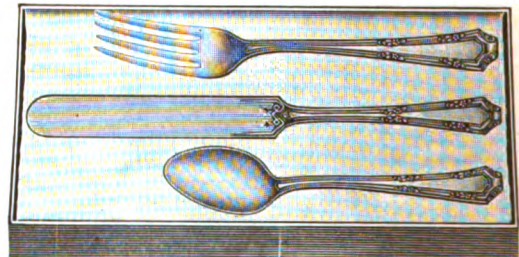


No. 165CS—Cream Ladles\$9.50
No. 166CS—Gravy Ladles12.00
Per Dozen

One-twelfth Dozen in a Lined Box.



No. 200CS—Sugar Shell and Butter Knife\$12.00
Per Dozen Sets
One Set in a Lined Box.



No. 303CS—Child's Set, Three Pieces, Spoon, Fork and Knife\$13.00
Per Dozen Sets
One Set in a Lined Box.



Combination Sets in
Mahogany Finish Chest.

No. 2650CS—Medium,
Set Contains 26
Pieces as Enumerated
Below, Chest Has
1 Drawer, Green Vel-
veteen Lined, Brass
Handles and Catch...
.....\$11.50

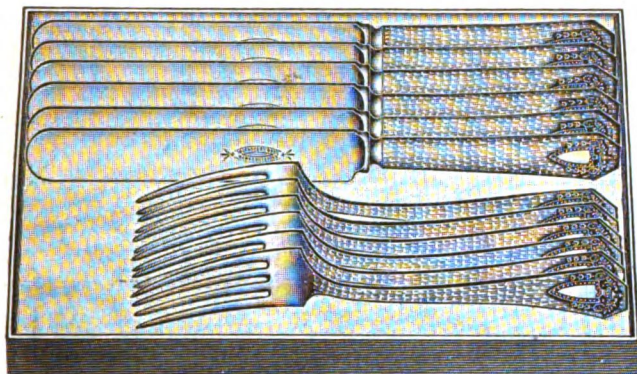
CONTENTS OF CHEST

- 6 Tea Spoons.
- 6 Table Spoons.
- 6 Medium Forks.
- 6 Solid Handle Medium Knives.
- 1 Sugar Shell.
- 1 Butter Knife.

SILVER PLATED WARE

1847 ROGERS BROS. X S
TRIPLE

HERALDIC PATTERN, FRENCH GRAY FINISH



No. 170 1/2.

Crucible Steel Blades.

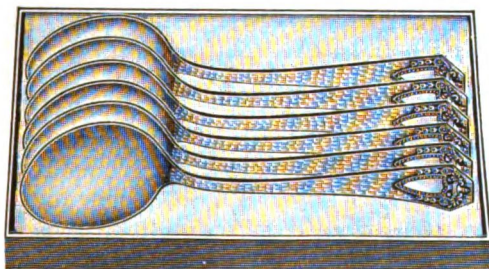
Per Set

- No. 158 1/2—Medium Knives and Forks, 16 Dwt. Nickel Silver, Hollow Handle Knives, Cimeter and Swaged Blades, Silver Soldered, Flat Handle Forks with Nickel Silver Tines.....\$17.65
- No. 166 1/2—Breakfast Set, Six Nickel Silver Hollow Handle Breakfast Knives, Straight Blades, Six Flat Handle Dessert Forks with Nickel Silver Tines... 16.55
- No. 170 1/2—Medium Knives and Forks, 16 Dwt., Modeled Handle Knives, Straight Blades, Flat Handle Forks with Nickel Silver Tines..... 12.15
- One Set (Six Knives and Six Forks) in a Combination Box.



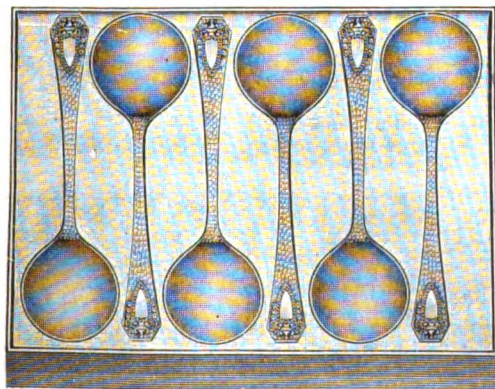
Per Dozen

- No. 792/81—Five O'Clock Tea Spoons, XS Triple....\$ 7.26
- One-half Dozen in a Lined Box.
- Tea Spoons—XS Triple..... 6.50
- Dessert Spoons—XS Triple..... 11.60
- Table Spoons—XS Triple..... 13.00
- One Dozen in a Plain Box.



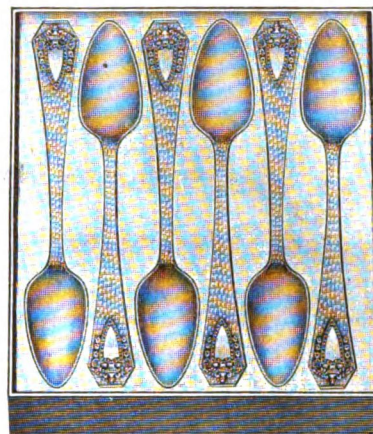
Per Dozen

- No. 713/81—Soup Spoons, XS Triple.....\$14.50
- One-half Dozen in a Lined Box.



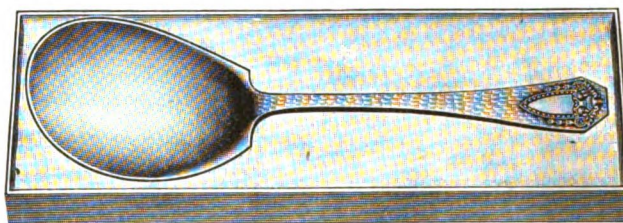
Per Dozen

- No. 720/81—Bouillon Spoons. XS Triple.....\$11.50
- One-half Dozen in a Lined Box.



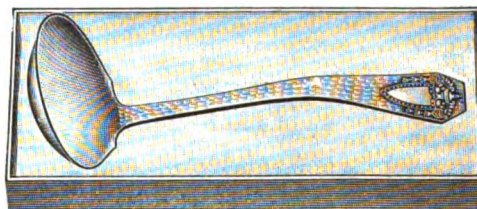
Per Dozen

- No. 647/81—Orange or Grape Fruit Spoons, XS Triple..\$8.26
- One-half Dozen in a Lined Box.



Per Dozen

- No. 615/81—Berry Spoons, XS Triple, Plain.....\$30.00
- No. G615/81—Berry Spoons, XS Triple, Gilt Bowl.... 41.00
- One-twelfth Dozen in a Lined Box.



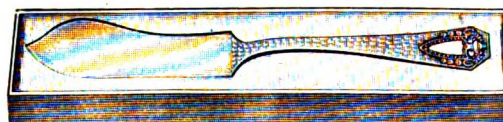
Per Dozen

- No. 610/81—Cream Ladles, XS Triple, Plain.....\$18.50
- No. G610/81—Cream Ladles, XS Triple, Gilt Bowl... 26.00
- No. 611/81—Gravy Ladles, XS Triple, Plain..... 24.50
- No. G611/81—Gravy Ladles, XS Triple, Gilt Bowl.... 35.50
- One-twelfth Dozen in a Lined Box.



Per Dozen

- No. 608/81—Sugar Shell, XS Triple, Plain.....\$14.00
- No. G608/81—Sugar Shell, XS Triple, Gilt Bowl.... 19.00
- One-twelfth Dozen in a Lined Box.



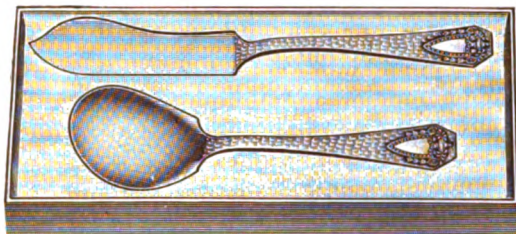
Per Dozen

- No. 609/81—Butter Knives, XS Triple, Plain.....\$16.00
- No. G609/81—Butter Knives, XS Triple, Gilt Blade... 21.00

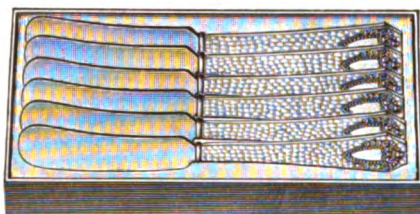
SILVER PLATED WARE

1847 ROGERS BROS. X S
TRIPLE

HERALDIC PATTERN, FRENCH GRAY FINISH



No. 604/81—Sugar Shell and Butter Knife, XS Triple...\$29.50
One Set in a Lined Box.



No. 652/81—Butter Spreaders, XS Triple...\$10.50
One-half Dozen in a Lined Box.

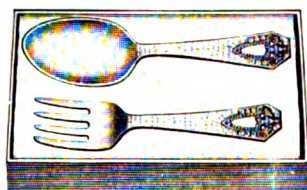


No. 725/81.



No. 767/81.

No. 725/81—Baby Spoon, Bent Handles XS Triple...\$10.20
No. 767/81—Baby Spoon, Short Handle, XS Triple... 10.20
One-twelfth Dozen in a Lined Box.



No. 769/81—Educator Set, Short Handle Spoon and Fork, XS Triple\$20.40
One Set in a Lined Box.



No. 727/81.



No. 770/81.

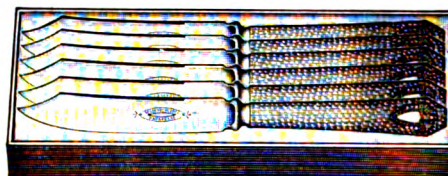
No. 727/81—Baby Set, Bent Handle Spoon and Food Pusher, XS Triple...\$20.40
No. 770/81—Baby Set, Short Handle Spoon and Fork and Food Pusher, XS Triple... 30.60



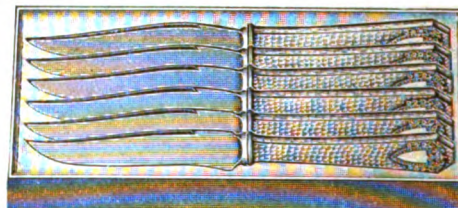
No. 680/81—Sugar Tongs, XS Triple...\$20.00
One-twelfth Dozen in a Lined Box.



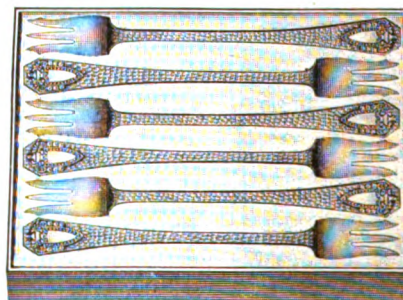
No. 724/81—Olive Spoons, XS Triple...\$16.25
One-twelfth Dozen in a Box.



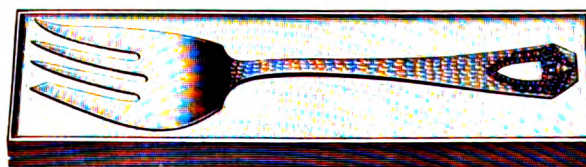
No. 673/81—Fruit Knives, Modeled Handles, XS Triple...\$9.00
One-half Dozen in a Lined Box.



No. 738/81—Fruit Knives, Hollow Handles, XS Triple...\$17.50
One-half Dozen in a Lined Box.



No. 622/81—Oyster Forks, XS Triple\$8.50
One-half Dozen in a Lined Box.

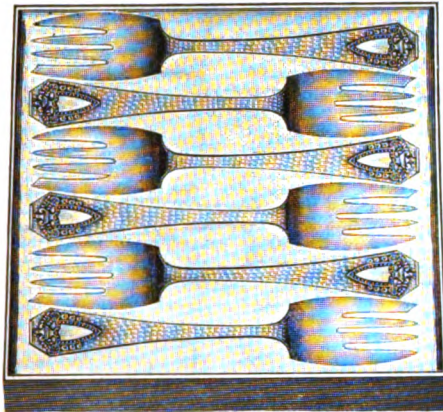


No. 662/81—Cold Meat Forks, XS Triple, Plain...\$19.00
No. G662/81—Cold Meat Forks, XS Triple, Gilt Tines... 26.50
One-twelfth Dozen in a Lined Box.

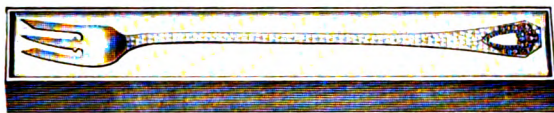
SILVER PLATED WARE

1847 ROGERS BROS. X S
TRIPLE

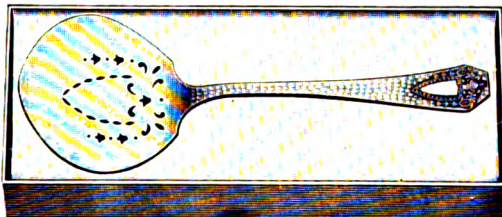
HERALDIC PATTERN, FRENCH GRAY FINISH



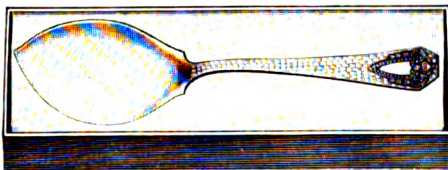
No. 717/81—Individual Salad Forks, XS Triple.....\$13.00
One-half Dozen in a Lined Box.



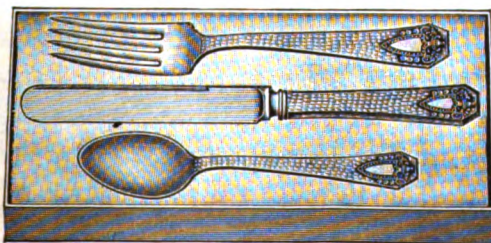
No. 681/81—Chow Chow or Long Pickle Forks, 3
Tines, XS Triple.....\$15.00
One-twelfth Dozen in a Lined Box.



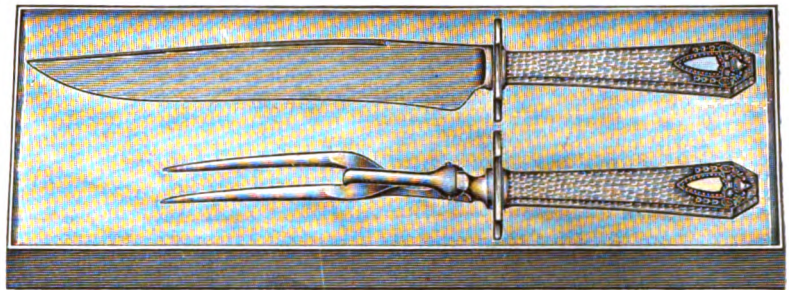
No. 714/81—Tomato or Cucumber Servers, XS Triple.....\$33.00
One-twelfth Dozen in a Lined Box.



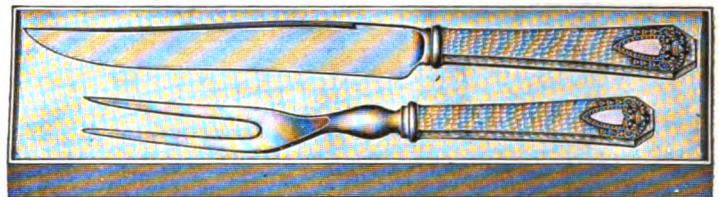
No. 683/81—Jelly Knives, XS Triple.....\$16.50
One-twelfth Dozen in a Lined Box.



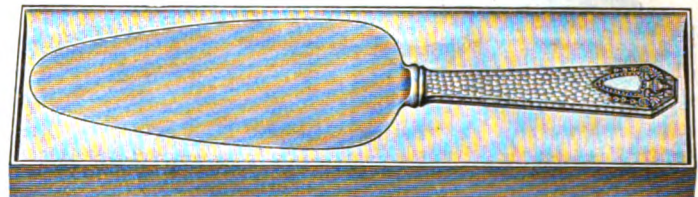
No. 116/81—3-Piece Child's Set, Flat Handle Knife,
Fork and Spoon, XS Triple.....\$2.71
No. 593/81—3-Piece Child's Set, Nickel Silver, Silver
Soldered Hollow Handle Knife.....3.58
No. 721/81—5-Piece School Set, Hollow Handle Dessert
Knife, Dessert Fork and Spoon, Tea Spoon and
Napkin Ring5.50



No. 658/81—Game Carvers, 2 Pieces, Nickel Silver,
Silver Soldered Hollow Handles, XS Triple.....\$10.50
One Set in a Lined Box.



No. 733/81—Bird or Steak Carvers, 2 Pieces, Nickel
Silver, Silver Soldered Hollow Handles, XS Triple...\$7.00
One Set in a Lined Box.



No. 621/81—Pie Server, Nickel Silver, Silver Soldered
Hollow Handle, XS Triple.....\$41.00
One-twelfth Dozen in a Lined Box.

Combination Sets in
Mahogany Chest.

Contents.

- 6 Tea Spoons.
- 6 Table Spoons.
- 6 Medium Forks, XS Triple.
- 6 Hollow Handle Medium Knives.
- 1 Sugar Shell.
- 1 Butter Knife.

No. 515/81—Medium, Set Contains 26 Pieces as Enumerated, 1 Drawer, Green Velvet Lined, Brass Trimmings, with Catch.....\$38.50

STERLING SILVER WARE

WESTMINSTER PATTERN

Pure Sterling Silver, Guaranteed 925/1000 Fine, PLATINUM or BRIGHT Finish.



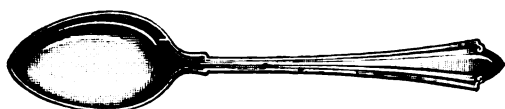
Per Dozen

- No. 5094R—Medium Knives, Hollow Handles, Silver Plated, Crucible Steel Tempered Blades.....\$48.88
 No. 5094D—Dessert Knives, Hollow Handles, Silver Plated Crucible Steel Tempered Blades..... 43.13
 One-half Dozen in a Flannel Roll.



Per Dozen

- No. 5005R —Medium Forks, Medium Weight.....\$44.70
 No. 5005RH —Medium Forks, Heavy Weight..... 53.65
 No. 5005RD —Dessert Forks, Medium Weight..... 35.78
 No. 5005RDH—Dessert Forks, Heavy Weight..... 44.70
 One-half Dozen in a Flannel Roll.



Per Dozen

- No. 5001R —Tea Spoons, Trade.....\$13.40
 No. 5001M —Tea Spoons, Medium Weight..... 17.87
 No. 5001RD—Dessert Spoons, Medium Weight..... 35.78
 No. 5003R —Table Spoons, Medium Weight..... 44.70
 No. 5003RH—Table Spoons, Heavy Weight..... 53.65



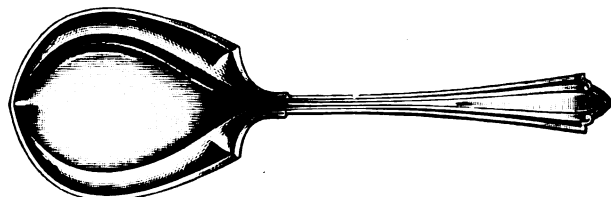
Per Dozen

- No. 5080R—Soup Spoons, Medium Weight.....\$35.78
 No. 5014R—Bouillon Spoons 27.30



Per Dozen

- No. 5016R —Orange Spoons\$31.63
 No. 5016RG—Grape Fruit Spoons..... 38.80



Per Dozen

- No. 5025R—Berry Spoons\$138.00



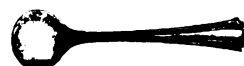
Per Dozen

- No. 5012R—Educator Spoons, Flat.....\$25.80



Per Dozen

- No. 5023R—Baby Spoons, Bent Handle.....\$25.80



Per Dozen

- No. 5020R—Individual Salt Spoons.....\$6.90



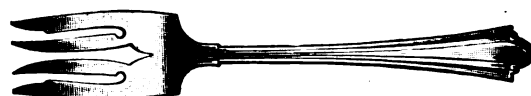
Per Dozen

- No. 5059R—Olive Spoons, Short.....\$34.56



Per Dozen

- No. 5023RF—Educator Forks, Flat\$25.80



Per Dozen

- No. 5086R—Individual Salad Forks.....\$44.85



Per Dozen

- No. 5044R—Cold Meat Forks, Small Size.....\$69.00



Per Dozen

- No. 5091R—Olive or Short Pickle Forks.....\$30.76



Per Dozen

- No. 5019R—Olive or Long Pickle Forks.....\$51.60



Per Dozen

- No. 5089R—Oyster Forks\$20.13

Note—Above Goods are not Carried in Stock, Shipped Only Direct from Chicago. When Ordering State if Platinum or Bright Finish is Wanted.

STERLING SILVER WARE

WESTMINSTER PATTERN

Pure Sterling Silver, Guaranteed 925/1000 Fine, PLATINUM or BRIGHT Finish.



- No. 5063R—Cream Ladles Per Dozen \$51.60
 No. 5065R—Gravy Ladles 94.80



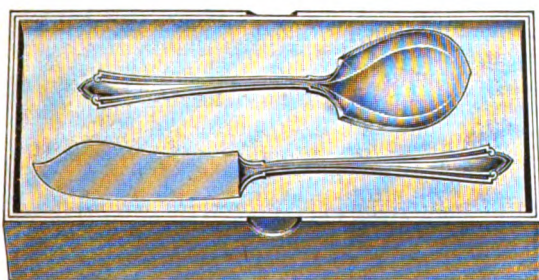
- No. 5080X—Sugar Tongs Per Dozen \$55.20



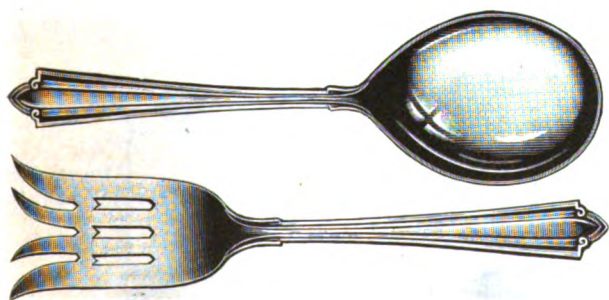
- No. 5044RP—Pie Server, No. 2 Hollow Handle..... Per Dozen \$57.00



- No. 5030RP—Pie Server, No. 1 Hollow Handle..... Per Dozen \$69.00



- No. 5047X—Butter Knife and Sugar Shell..... Per Set \$7.18

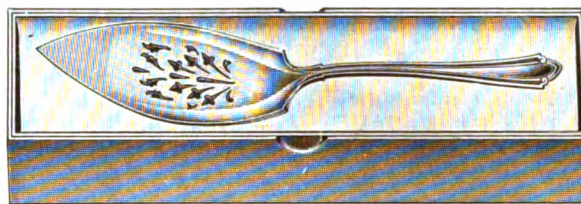


- No. 5035R—Salad Sets, 2 Pieces..... Per Set \$18.68

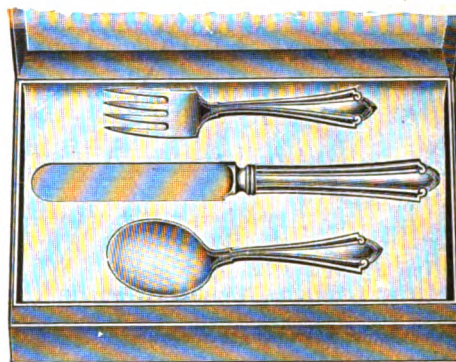
Note—Above Goods are not Carried in Stock, Shipped Only Direct from Chicago. When Ordering State if Platinum or Bright Finish is Wanted.



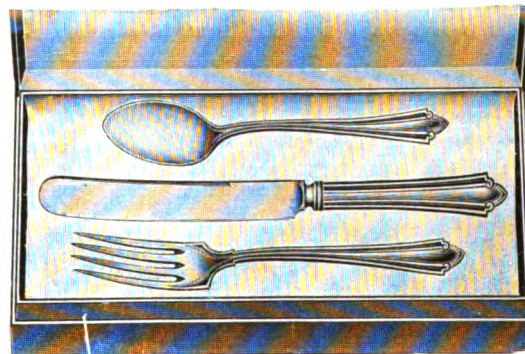
- No. 5061R—Butter Spreaders, Small..... Per Dozen \$28.75



- No. 5031R —Cake Servers Per Dozen \$ 86.16
 No. 5015R —Honey Server or Small Jelly Knife..... 34.56
 No. 5012RT—Tomato Servers 112.20



- No. 5056—Educator Sets, 3 Pieces Per Set \$7.90



- No. 5038X—Child's Sets, 3 Pieces..... Per Set \$7.90



- No. 5003X —Salad Fork, Wood, Hollow Handle..... Per Dozen \$51.60
 No. 5003XS—Salad Spoon, Wood, Hollow Handle..... 51.60

STERLING SILVER WARE

DEVONSHIRE PATTERN

Pure Sterling Silver, Guaranteed 925/1000 Fine, Platinum Finish.



- No. 4894—Medium Knives, Hollow Handles, Silver
Plated Crucible Steel Tempered Blades.....\$48.88
No. 4894R—Dessert Knives, Hollow Handles, Silver
Plated Crucible Steel Tempered Blades..... 43.13

One-half Dozen in a Flannel Roll.

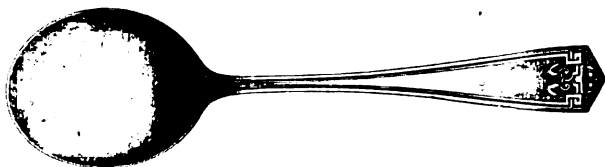


- No. 4805 —Medium Forks, Medium Weight.....\$44.70
No. 4805R—Medium Forks, Heavy Weight..... 53.65
No. 4804 —Dessert Forks, Medium Weight..... 35.78
No. 4804R—Dessert Forks, Heavy Weight..... 44.70

One-half Dozen in a Flannel Roll.



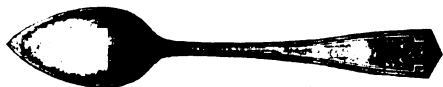
- No. 4801 —Tea Spoons, Trade.....\$13.40
No. 4801R—Tea Spoons, Medium Weight..... 17.87
No. 4802 —Dessert Spoons, Medium Weight..... 35.78
No. 4803 —Table Spoons, Medium Weight..... 44.70
No. 4803R—Table Spoons, Heavy Weight..... 53.65



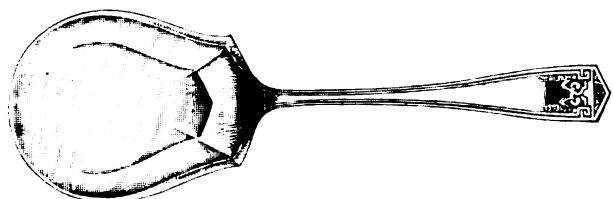
- No. 4830—Soup Spoons, Medium Weight.....\$35.78



- No. 4814—Bouillon Spoons\$27.30



- No. 4816 —Orange Spoons\$31.63
No. 4816R—Grape Fruit Spoons..... 38.80



- No. 4825R—Berry Spoons\$138.00



- No. 4812R—Educator Spoons, Flat Handle.....\$25.80



- No. 4823R—Baby Spoons, Bent Handle.....\$25.80



- No. 4819—Individual Salt Spoons.....\$6.90



- No. 4818R—Olive Spoons, Short\$34.56



- No. 4842—Educator Forks, Flat\$25.80



- No. 4844R—Cold Meat Forks, Small Size.....\$69.00



- No. 5836R—Individual Salad Forks.....\$44.85



- No. 4839R—Oyster Forks\$20.13



- No. 4891R —Olive or Short Pickle Forks.....\$30.76
No. 4891RL—Olive or Long Pickle Forks..... 51.60

Note—Above Goods are not Carried in Stock, Shipped Only Direct from Chicago.

STERLING SILVER WARE

DEVONSHIRE PATTERN

Pure Sterling Silver, Guaranteed 925/1000 Fine, Platinum Finish.



No. 4863—Cream Ladle Per Dozen \$51.60
 No. 4865—Gravy Ladle 94.80



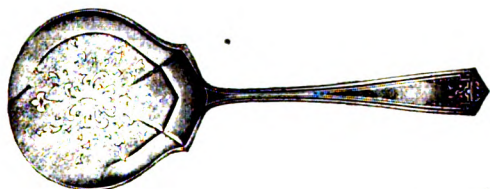
No. 4893R—Sugar Tongs Per Dozen \$55.20



No. 4861R—Butter Spreaders, Small..... Per Dozen \$28.75



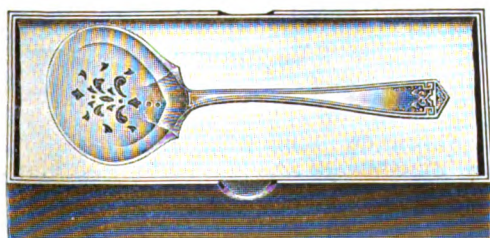
No. 4861RH—Honey Server or Small Jelly Knife..... Per Dozen \$34.56



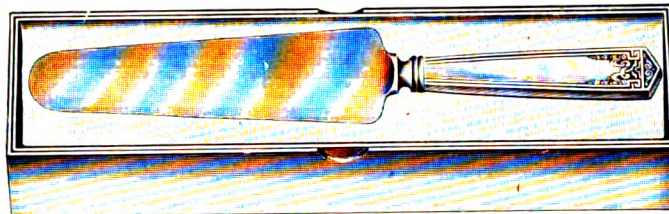
No. 4812RT—Tomato Servers Per Dozen \$112.20



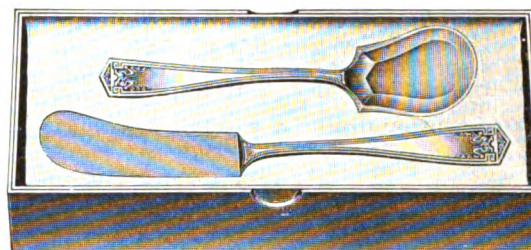
No. 4832 —Cake Servers Per Dozen \$86.16
 No. 4832R—Cake Knives, Hollow Handle..... 69.00



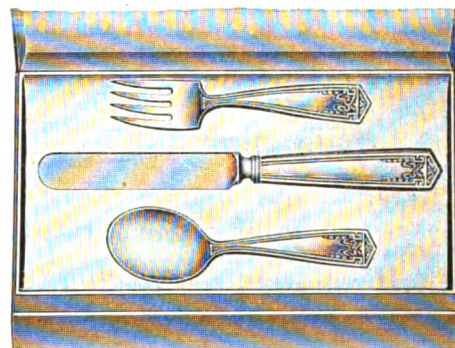
No. 4874X—Cucumber Servers Per Dozen \$77.64



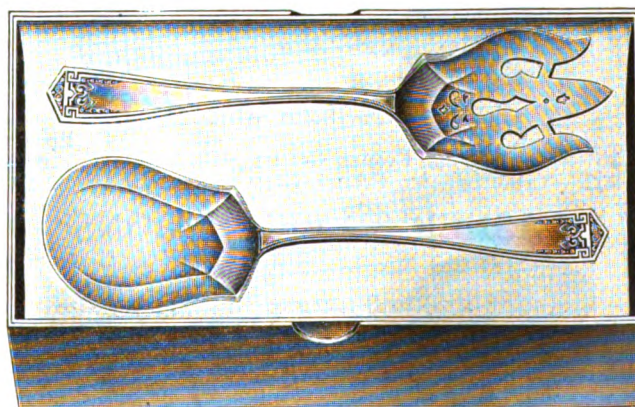
No. 4844 —Pie Servers, No. 1 Hollow Handle..... Per Dozen \$69.00
 No. 4844X—Pie Servers, No. 2 Hollow Handle..... 57.00



No. 4847X—Butter Knife and Sugar Shell..... Per Set \$7.18



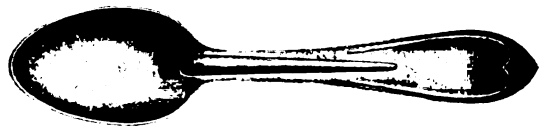
No. 4856—Educator Sets, 3 Piece..... Per Set \$7.90



No. 4885X—Salad Sets, 2 Pieces..... Per Set \$18.68

Note—Above Goods are not Carried in Stock, Shipped Only Direct from Chicago.

TINNED SPOONS



Tinned on Cast Steel.

	Per Gross
No. 70—Tea Spoons, Threaded, Light.....	\$1.70
No. 140—Table Spoons, Threaded, Light.....	3.50

One-half Gross in a Box.



Tinned on Cast Steel.

	Per Gross
No. 900 —Tipped Tea Spoons, Silver Finish.....	\$4.00
No. 900D—Tipped Dessert Spoons, Silver Finish.....	7.50
No. 900T—Tipped Table Spoons, Silver Finish.....	8.00

No. 900, One-quarter Gross; Nos. 900D and 900T, One-sixth Gross in a Carton.



Tinned on Cast Steel.

	Per Gross
No. 065 —Windsor Tea Spoons, Silver Finish.....	\$4.00
No. 065T—Windsor Table Spoons, Silver Finish.....	8.00

No. 065, One-quarter Gross; No. 065T, One-sixth Gross in a Carton.



Shell Pattern, Beaded, Tinned on Cast Steel.

	Per Gross
Silveroid—Tea Spoons, Silver Finish.....	\$ 5.50
Silveroid—Table Spoons, Silver Finish.....	11.00

Tea Spoons, One-quarter Gross; Table Spoons, One-sixth Gross in a Carton.

WHITE METAL SPOONS



Poppy Pattern, Solid White Metal.

	Per Gross
No. 25 —Tea Spoons, French Gray Finish.....	\$12.00
No. 25T—Table Spoons, French Grey Finish.....	24.00

LASHER SILVER SPOONS



Solid White Metal Throughout, Not Plated.

	Per Gross
Floral—Tea Spoons, Silver Finish.....	\$20.00
Floral—Dessert Spoons, Silver Finish.....	36.00
Floral—Table Spoons, Silver Finish.....	40.00

One Dozen in a Box.

LASHER SILVER SPOONS

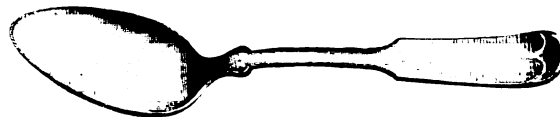


Solid White Metal Throughout, Not Plated.

	Per Gross
Windsor—Tea Spoons, Silver Finish.....	\$20.00
Windsor—Dessert Spoons, Silver Finish.....	36.00
Windsor—Table Spoons, Silver Finish.....	40.00

One Dozen in a Box.

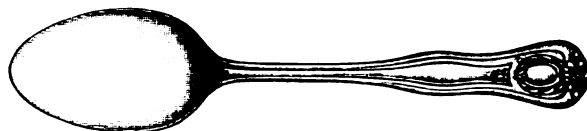
NICKEL SILVER SPOONS



Highest Grade Nickel Silver Metal, Finely Finished.

	Per Gross
No. 31 —Rogers, Tea Spoons, Tipped Pattern.....	\$20.00
No. 31D—Rogers, Dessert Spoons, Tipped Pattern....	36.00
No. 31T—Rogers, Table Spoons, Tipped Pattern.....	40.00

One Dozen in a Box.



Highest Grade Nickel Silver Metal, Finely Finished.

	Per Gross
No. 26 —Rogers, Tea Spoons, Extra Quality.....	\$16.00
No. 26D—Rogers, Dessert Spoons, Extra Quality....	29.00
No. 26T—Rogers, Table Spoons, Extra Quality.....	32.00

Two Dozen in a Box.

SILVER PLATED SPOONS



Windsor Pattern, Plated on a Nickel Silver Base.

	Per Dozen
No. 60 —R. C. Co.'s, Tea Spoons, AA Plate.....	\$2.70
No. 60D—R. C. Co.'s, Dessert Spoons, AA Plate.....	4.80
No. 60T—R. C. Co.'s, Table Spoons, AA Plate.....	5.50

One Dozen in a Box.



Tipped, Plated on High Grade Nickel Silver Base.

	Per Dozen
1847—Rogers Bros., Tea Spoons, XS Triple.....	\$ 6.00
1847—Rogers Bros., Dessert Spoons, XS Triple.....	10.70
1847—Rogers Bros., Table Spoons, XS Triple.....	12.00

One Dozen in a Box.

FRUIT KNIVES



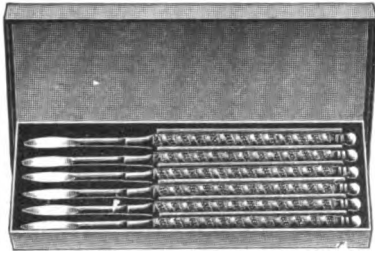
	Per Dozen
No. 12R—R. C. Co.'s, Solid Steel, Silver Plated, Plain Round End Handle.....	\$5.00



	Per Dozen
No. 26—1847 Rogers Bros., Windsor Pattern, Solid Steel, Plain, XS Triple Silver Plated.....	\$6.00

One-half Dozen in a Box.

NUT PICKS



- No. A—Nut Picks Only, 6 Nickel Plated Steel Picks, Sharp Point, Handsomely Chased, in a Neat Paste-board Box\$0.25
Twelve Sets in a Carton.

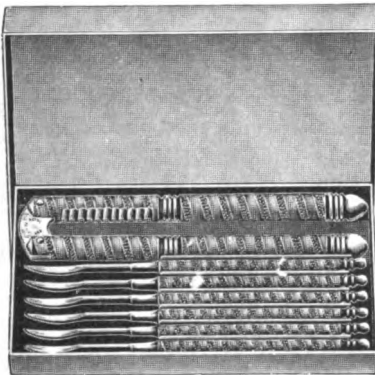
Per Set

NUT PICKS AND CRACKS



- No. 115-S—6 Silver Plated Steel Picks and 1 Crack, with Spring, Handsomely Knurled Handles, in a White Leatherette Case with Hinge Cover and Dome Top, White Ribbed Paper Lining.....\$1.10

Per Set



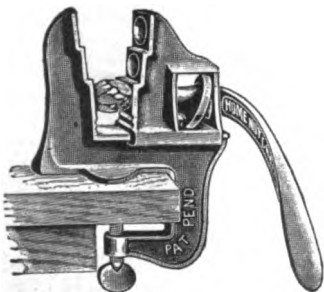
- No. C—6 Nickel Plated Steel Picks and 1 Crack with Spring, Handsomely Knurled, in a Neat White Glazed Paper Covered Box, Light Blue Inside.....\$0.40
Six Sets in a Carton.

Per Set

NUT CRACKS

Per Dozen

- No. 720—Home, Height Over Over All, not Including Lever 6 inches, Width Over All 4 inches, Length of Lever 7½ inches, Best Grade Malleable Iron, Satin White Nickel Finish, Worm Drive, Jaws are Cupped to Hold Nut in Position, Jaws are Moved by Downward Pressure of Lever Operating the Worm, Cracks Nuts without Crushing Kernel, Pecans can be Cracked so Kernel can be Extracted Whole or in Halves.....\$3.00



Indispensable for use in the home, bakery, candy shop, restaurants, hotels, ice cream parlors, etc.
One in a Box, One Dozen in a Case.

NUT CRACKS



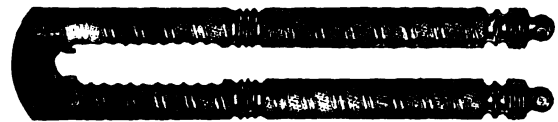
Per Dozen

- No. 1H—Harper's, Nickel Plated Steel, Extra Wide Jaws, Keeps the Hulls from Falling on the Floor.....\$4.00

The jaws of this Cracker are much wider than any other, and the nut resting against the plate brings it on a line with the jaws, hence the nut is cracked all over evenly.

Place the nut between the jaws from the under side, press handles together and crack the nut, letting kernels and hulls drop in the hand or receptacle.

One-half Dozen in a Box.



Per Dozen

- No. 0—Solid Steel, Handles are Knurled Full Length, Sharp Corrugations, Finely Nickel Plated.....\$2.25

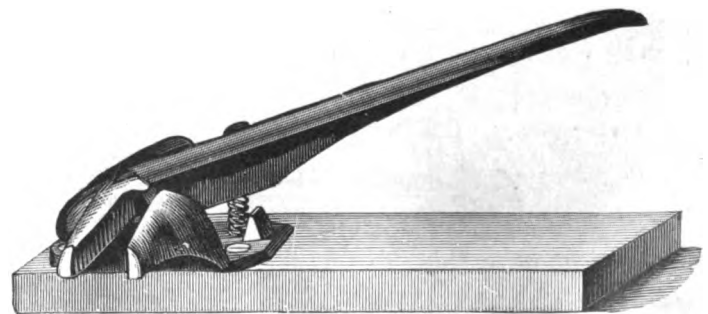
One-half Dozen in a Box.



Per Dozen

- No. 20—Solid Steel, Finely Finished and Nickel Plated.....\$0.80

One Dozen in a Box.



Per Dozen

- No. 220—Japanned Iron Crack, Mounted on a Wood Base\$3.20

HIGH GRADE CUT GLASS

SUGARS AND CREAMS



No. 619F/191.



No. 639F/191.

No. 619F/191—Sugar	Each
No. 639F/191—Cream	\$1.75
	1.75



No. 613/143.



No. 633/143.

No. 613/143—Sugar	Each
No. 633/143—Cream	\$2.00
	2.00



No. 608.



No. 628.

No. 608—Sugar, Mayflower Design.....	Each
No. 628—Cream, Mayflower Design.....	\$3.50
	3.50

DOMINO SUGAR TRAYS



No. 1804F/293—Domino Sugar Tray, 7 inch.....	Each
	\$2.00

NAPPIES



Mayflower Design.

Nos.	296	297	298	299
Inches	6	7	8	9
Each	\$3.25	4.25	5.75	8.00



	Per Dozen
No. 230F/234—5 inch.....	\$18.00
No. 231F/234—6 inch.....	21.00



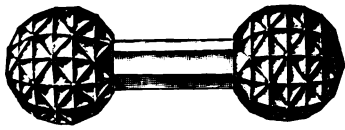
Mayflower Design.

	Per Dozen
No. 230—5 inch.....	\$27.00
No. 231—6 inch.....	33.00

Note—Goods on this Page are not Carried in Stock, Sold Only for Shipment Direct from Factory.

HIGH GRADE CUT GLASS

LAPIDARY KNIFE RESTS



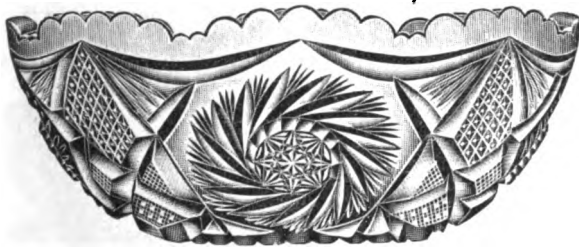
	Per Dozen
No. 910—4 $\frac{3}{8}$ inches	\$24.00
No. 911—5 $\frac{1}{4}$ inches	30.00

COMPOTE



	Each
No. 2252F/301—6 inches	\$3.75

BOWLS



	Each
No. 101F/242 $\frac{1}{2}$ —8 inches	\$5.00



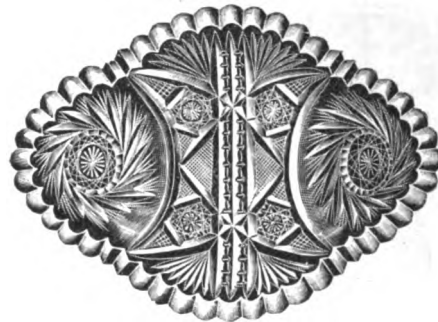
	Each
No. 101—Mayflower, 8 inches	\$5.50
No. 102—Mayflower, 9 inches	7.50

SAUCERS



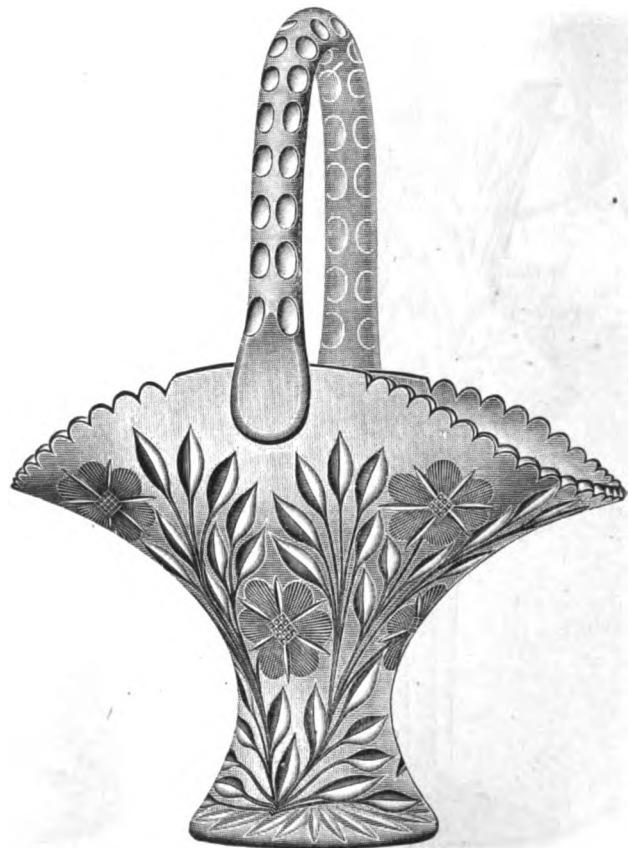
	Per Dozen
No. 740—Mayflower, 5 inches	\$24.00
No. 741—Mayflower, 6 inches	30.00

OLIVE OR BON BON DISHES



	Each
No. 341F/186 $\frac{1}{2}$ —7 inches	\$1.80

BASKETS



Mayflower Design.

Nos.	1005 $\frac{1}{2}$	1006	1007	1008	1008 $\frac{1}{2}$
Inches	6	8	10	12	14
Each	\$5.50	9.00	12.50	18.00	32.00

Note—Goods on this Page are Not Carried in Stock; Sold Only for Shipment Direct from Factory.

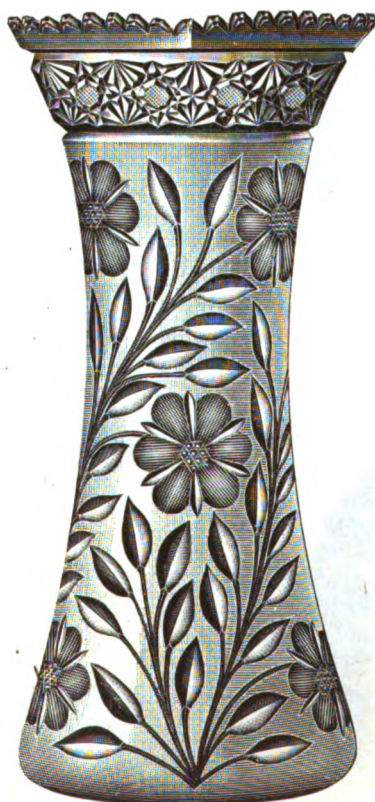
HIGH GRADE CUT GLASS

WATER PITCHERS



No. 528/142—Capacity 3 ½ Pints.....	Each \$9.00	No. 538/276—Capacity 3 Pints.....	Each \$6.50
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VASES



Mayflower Design.

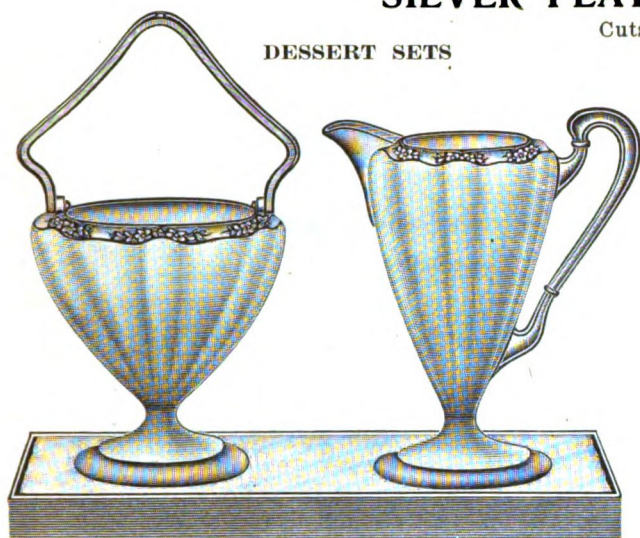
Nos.	375	376	377	378	No. 1891/270— 8 inches.....	Each \$ 4.00	No. 1386/258— 8 inches.....	Each \$ 4.75
Inches	8	10	12	14	No. 1892/270—10 inches.....	6.00	No. 1387/258—10 inches.....	7.50
Each	\$3.25	4.50	6.00	8.00	No. 1893/270—12 inches.....	8.50	No. 1388/258—12 inches.....	10.00
					No. 1894/270—14 inches.....	11.00	No. 1389/258—14 inches.....	13.00

Note—Goods on this Page are Not Carried in Stock; Sold Only for Shipment Direct from Factory.

SILVER PLATED HOLLOW WARE

Cuts One-third Size.

DESSERT SETS



Quadruple Silver Plated.

No. 650—Dessert Set, Gold Lined, Shaded Grey.....\$8.75

Per Set

COFFEE SETS



Sheffield, Silver Plated on Nickel Silver.

No. 653—Coffee Set, Round, 4 Pieces, Handle of Pot Fitted with Patent Heat Insulation, Bright Finish, Tray has Butler Finish Center.....\$32.50

No. 0653—Same as No. 653, but without Tray.....27.00

Per Set

CRACKER AND CHEESE SET



Sheffield, Silver Plated on Nickel Silver.

No. 78—Cracker and Cheese Set, 10 inch Diameter, Crystal Lining, Pierced, Bright Finish.....\$7.50

Per Set

COFFEE SETS



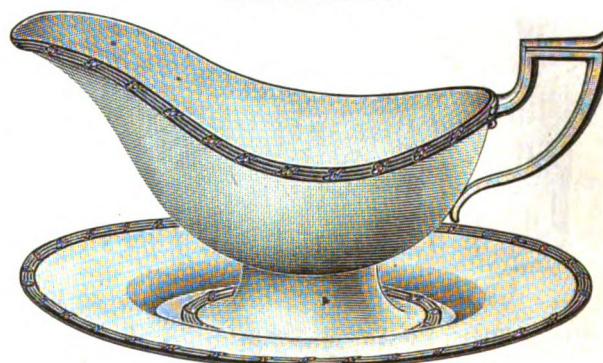
Quadruple Silver Plated.

No. 1016—Coffee Set, 4 Pieces, Plain Burnished, Satin Finish Tray\$16.00

Per Set

No. 01016—Same as No. 1016, but without Tray.....10.75

GRAVY BOATS



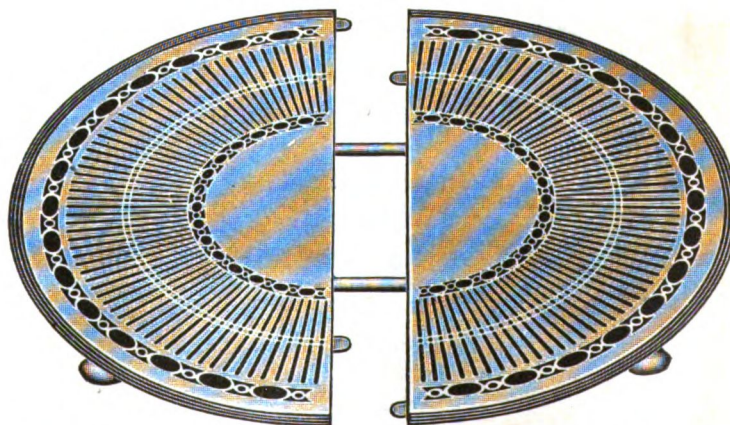
Sheffield, Silver Plated on Nickel Silver.

No. 33—Gravy Boat, with Plate, ½ Pint, Bright Finish\$11.25

Each

No. 033—Same as No. 33, but without Plate.....7.50

EXTENSION TRIVETS



Sheffield, Round, Silver Plated on Nickel Silver, Bright Finish.

Nos.	4	8	9
Size Opened, Inches.....	14	12	10
Each	\$7.50	6.50	5.50

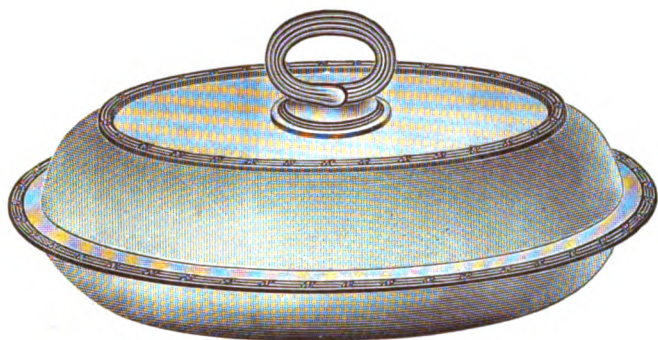
Note—Goods on This Page are not Carried in Stock, Sold Only for Direct Factory Shipment.

SILVER PLATED HOLLOW WARE

VEGETABLE DISHES

Cuts One-third Size.

CASSEROLES



Sheffield, Silver Plated on Nickel Silver.

- No. 34—Double Vegetable Dish, Oval, 10 inches Long, Lock Handle, Bright Finish.....\$14.00

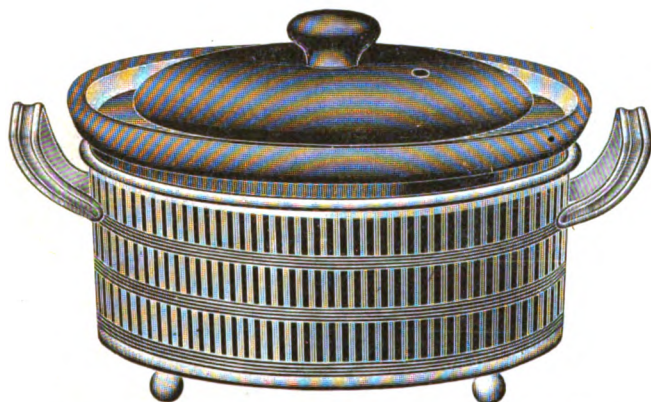
Each



Middleton, Silver Plated, Plain Burnished.

- No. 103—Casserole, Oval, 3 Pints, Pierced, Brown Pottery Lining, with Cover.....\$5.75

Each



Sheffield, Silver Plated on Nickel Silver, Bright Finish.

- No. 45—Casserole, Round, 3 Pints, Pierced, Brown Pottery Lining, with Cover.....\$7.50

Each



Sheffield, Silver Plated on Nickel Silver, Bright Finish.

- No. 41—Casserole, Oval, 3 Pints, Pierced, Plain Chased, Brown Pottery Lining, with Cover.....\$7.50

Each

CAKE BASKETS

COMPOTES



Sheffield, Silver Plated on Nickel Silver.

- No. 294—Cake Basket, 10 1/2 inches Diameter, Pierced, Wicker Handle, Bright Finish.....\$9.50

Each



Sheffield, Silver Plated on Nickel Silver.

- No. 328—Compote, 10 1/4 inches Diameter, Pierced, Bright Finish.....\$8.25

Each

Note—Goods on this Page are Not Carried in Stock; Sold Only for Direct Factory Shipment.

SILVER PLATED HOLLOW WARE

Cuts One-third Size.

NUT BOWLS



Sheffield, Silver Plated on Nickel Silver.

No. 110—Nut Bowl, 9 $\frac{7}{8}$ inch Diameter, Pierced, Bright Finish Each \$7.50

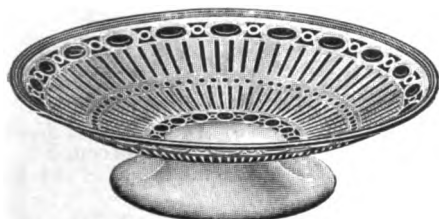
RELISH DISHES



Sheffield, Silver Plated on Nickel Silver, Bright Finish.

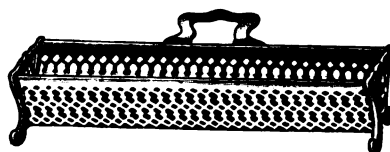
No. 12—Relish Dish, Round, 5 inch Diameter, Pierced, Three Compartments, Crystal Lining Each \$3.25

BQN BON DISHES



Sheffield, Silver Plated on Nickel Silver.

No. 628—Bon Bon Dish, Diameter 6 $\frac{1}{2}$ inches, Pierced, Bright Finish Each \$3.50



Sheffield, Silver Plated on Nickel Silver.

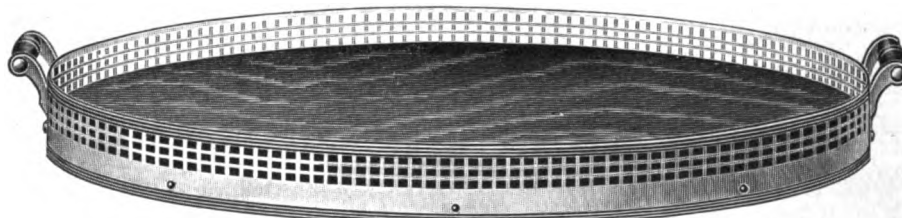
No. 19—Domino Sugar, 5 $\frac{1}{2}$ inches Long, Pierced, Bright Finish Each \$1.50



Sheffield, Silver Plated on Nickel Silver.

No. 10—Domino Sugar, 6 inches Long, Pierced, Bright Finish Each \$2.00

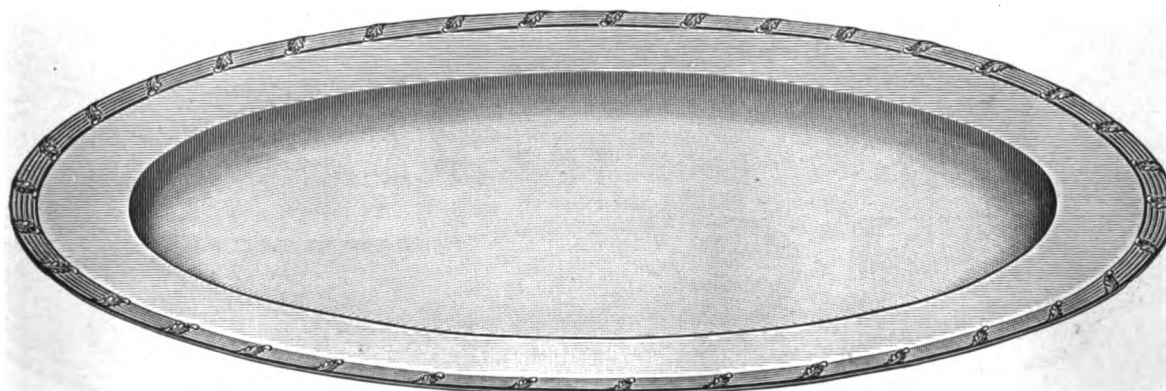
BUTLERS' TRAYS



No. 26—Oval, Quadruple Silver Plate, Wood Bottom.

Length, Inches	14	16	18
Each	\$8.00	9.00	10.50

MEAT DISHES



No. 15—Oval, Sheffield, Silver Plated on Nickel Silver.

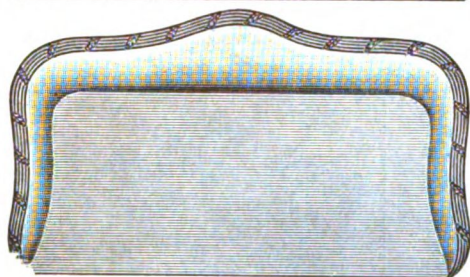
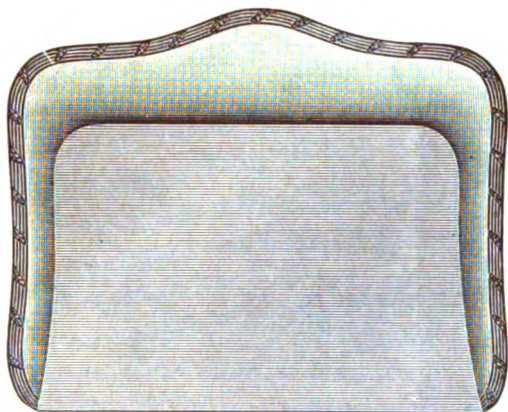
15 inches Long	Each \$12.50	18 inches Long	Each \$16.00	20 inches Long	Each \$20.00
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Note—Goods on this Page are Not Carried in Stock, Sold Only for Direct Factory Shipment.

SILVER PLATED HOLLOW WARE

Cuts One-third Size.

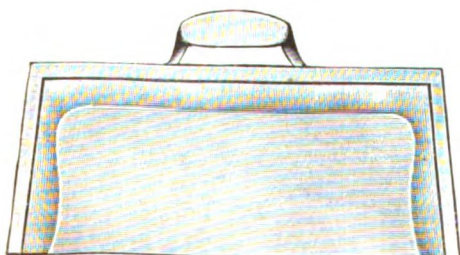
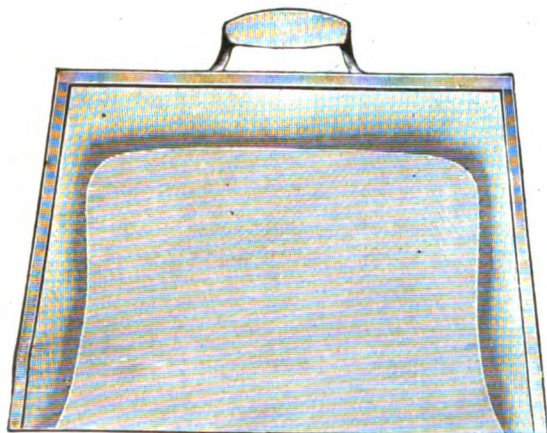
CRUMB SETS



Sheffield, Silver Plated on Nickel Silver.

No. 120—Crumb Set, Two Pieces, Bright Finish.....\$6.50

Per Set



Quadruple Silver Plated.

No. 924—Crumb Set, Two Pieces, Burnished.....\$6.00

Per Set

SANDWICH TRAYS



Sheffield, Silver Plated on Nickel Silver.

No. 48—Sandwich Tray, 10 inch Diameter, Pierced, Bright Finish\$5.00

Each

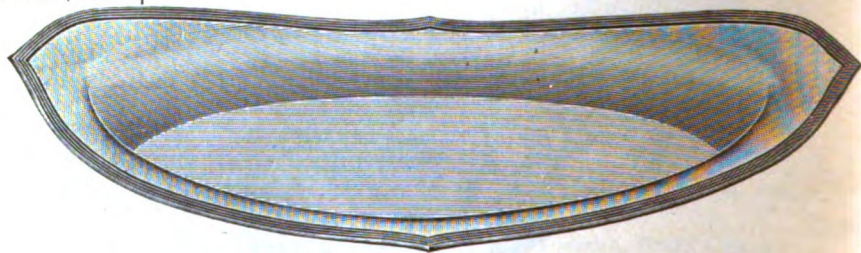


Sheffield, Silver Plated on Nickel Silver.

No. 36—Sandwich Tray, 10 inch Diameter, Pierced, Bright Finish\$4.00

Each

BREAD TRAYS



Quadruple Silver Plate.

No. 96—Bread Tray, 13 inches Long, Plain Burnished..\$4.75

Each



Sheffield, Silver Plated on Nickel Silver.

No. 114—Bread Tray, 12 7/8 inches Long, Bright Finish..\$7.50

Each



Sheffield, Silver Plated on Nickel Silver.

No. 112—Bread Tray, 13 1/2 inches Long, Bright Finish..\$7.50

Each

Note—Goods on this Page are Not Carried in Stock, Sold Only for Direct Factory Shipment.

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SILVER PLATED HOLLOW WARE

LEMON DISHES



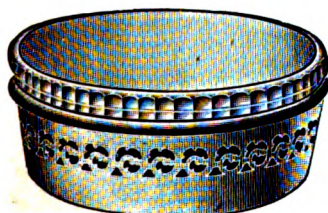
Sheffield, Silver Plated on Nickel Silver.
Each
No. 28—Lemon Dish, 4 3/4 inch
Diameter, Bright Finish.....\$2.00

OLIVE JARS



Quadruple Silver Plated.
No. 16—Olive Jar, Crystal.....\$3.25

RAMEQUIN



Sheffield, Silver Plated on Nickel Silver.
Per Dozen
No. 22—Ramequin, 3 1/2 inch Di-
ameter, Pierced, White China
Lining, Bright Finish.....\$21.00

SHERBET CUP



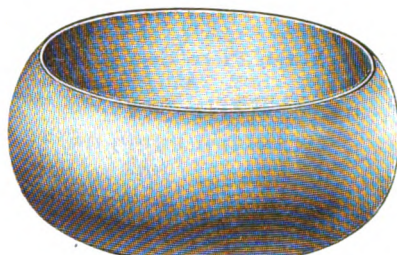
Sheffield, Silver Plated on Nickel Silver.
Per Dozen
No. 25—Sherbet Cup, 4 1/4 inches
High, Pierced, Crystal Lin-
ing, Bright Finish.....\$48.00

Cuts One-third Size.

NAPKIN RINGS



Cut Actual Size.
No. 1018—Quadruple Silver Plate. \$2.50
Per Dozen



Cut Actual Size.
Quadruple Silver Plated.
No. 401—Plain\$7.50
Per Dozen

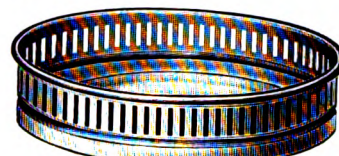


Cut Actual Size.
Quadruple Silver Plated.
No. 405—Etched\$12.00
Per Dozen



Cut Actual Size.
Quadruple Silver Plated.
No. 406—Etched\$12.50
Per Dozen

COASTERS



Silver Plated, Burnished.
Per Dozen
No. 33—Coasters, 3 1/4 inch Diam-
eter, Pierced\$8.25

CHILD'S CUPS
Cuts One-half Size.

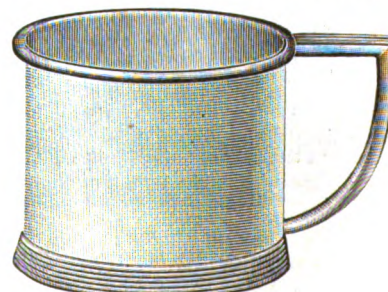
Quadruple Silver Plated.
No. 120—Cup, Gold Lined, Shaded
Grey\$1.85
Each



Sheffield, Silver Plated on Nickel Silver.
Each
No. 131—Cup, Gold Lined, Shaded
Grey\$3.00



Sheffield, Silver Plated on Nickel Silver.
Each
No. 130—Cup, Gold Lined, Shaded
Grey\$3.75



Quadruple Silver Plated.
No. 2250—Cup, Gold Lined, Plain
Burnished\$2.25
Each

Note—Goods on this Page are Not Carried in Stock; Sold Only for Direct Factory Shipment.

SILVER PLATED HOLLOW WARE

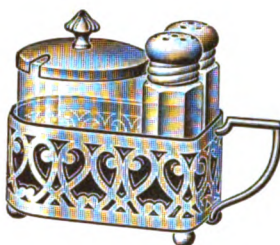
MUSTARD JAR



Sheffield, Silver Plated on Nickel Silver.

Each
No. 127—Mustard Jar, Pierced,
Crystal Lining, Bright Finish. \$2.50

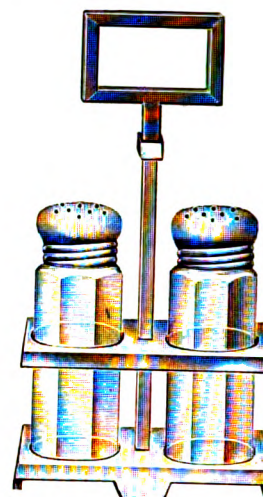
CONDIMENT SET



Sheffield, Silver Plated on Nickel Silver.

Each
No. 68—Three Piece Set, Horse-
radish, Salt and Pepper,
Pierced, Bright Finish. \$3.75

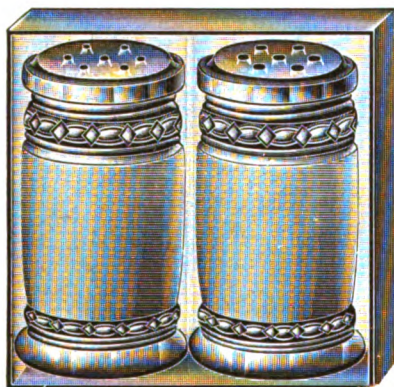
CASTERS



Quadruple Silver Plated.

Each
No. 101—Individual Caster \$2.00

SALTS AND PEPPERS



Per Pair
No. 20—Silver Plated on Nickel Silver, Bright Finish,
Glass Lining and Glass Tops, Non-Corrosive. \$1.40
One Pair in a Lined Box.



Per Pair
No. 22—Silver Plated on Nickel Silver, Bright Finish,
Glass Lining and Glass Tops, Non-Corrosive. \$1.40
One Pair in a Lined Box.

STERLING SILVER SALTS AND PEPPERS



Per Pair
No. 121—Sterling Silver, Glass Lined and Glass Tops,
in Grey Lined Gray Silk Case, Non-Corrosive. \$5.30
One Pair in a Box.



Per Pair
No. 123—Sterling Silver, Glass Lined and Glass Tops,
in Grey Lined Gray Silk Case, Non-Corrosive. \$5.30
One Pair in a Box.

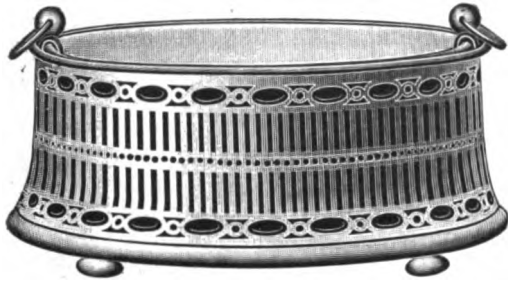
The above Salts and Peppers are glass lined throughout, making them absolutely non-corrosive. The bottom part of the lining unscrews from the metal holder to allow refilling; when replaced, meets the upper rim of the glass top. Not a particle of the contents touches the metal part.

Note—Goods on this Page are Not Carried in Stock, Sold Only for Direct Factory Shipment.

SILVER PLATED HOLLOW WARE

Cuts One-third Size.

FERN DISHES



Sheffield, Silver Plated on Nickel Silver.

No. 111—Fern Dish, 6 inches Diameter, Pierced, Crockery Lining Each \$5.50



Quadruple Silver Plated.

No. 96—Fern Dish, 6 inches Diameter, Pierced, Crockery Lining Each \$5.25

SHAVING SETS



Sheffield, Silver Plated on Nickel Silver.

No. 497—Shaving Cup and High Quality Brush, Pierced, Crystal Lining, Bright Finish Per Set \$5.00



Cut One-half Size.

Quadruple Silver Plated.

No. 486—Shaving Cup and High Quality Brush, Pierced, Opal Glass Lining Per Set \$3.00



Cut One-half Size.

Quadruple Silver Plated.

No. 494—Shaving Cup and High Quality Brush, Pierced, Plain Chased, Crystal Lining Per Set \$4.25

SHAVING STAND



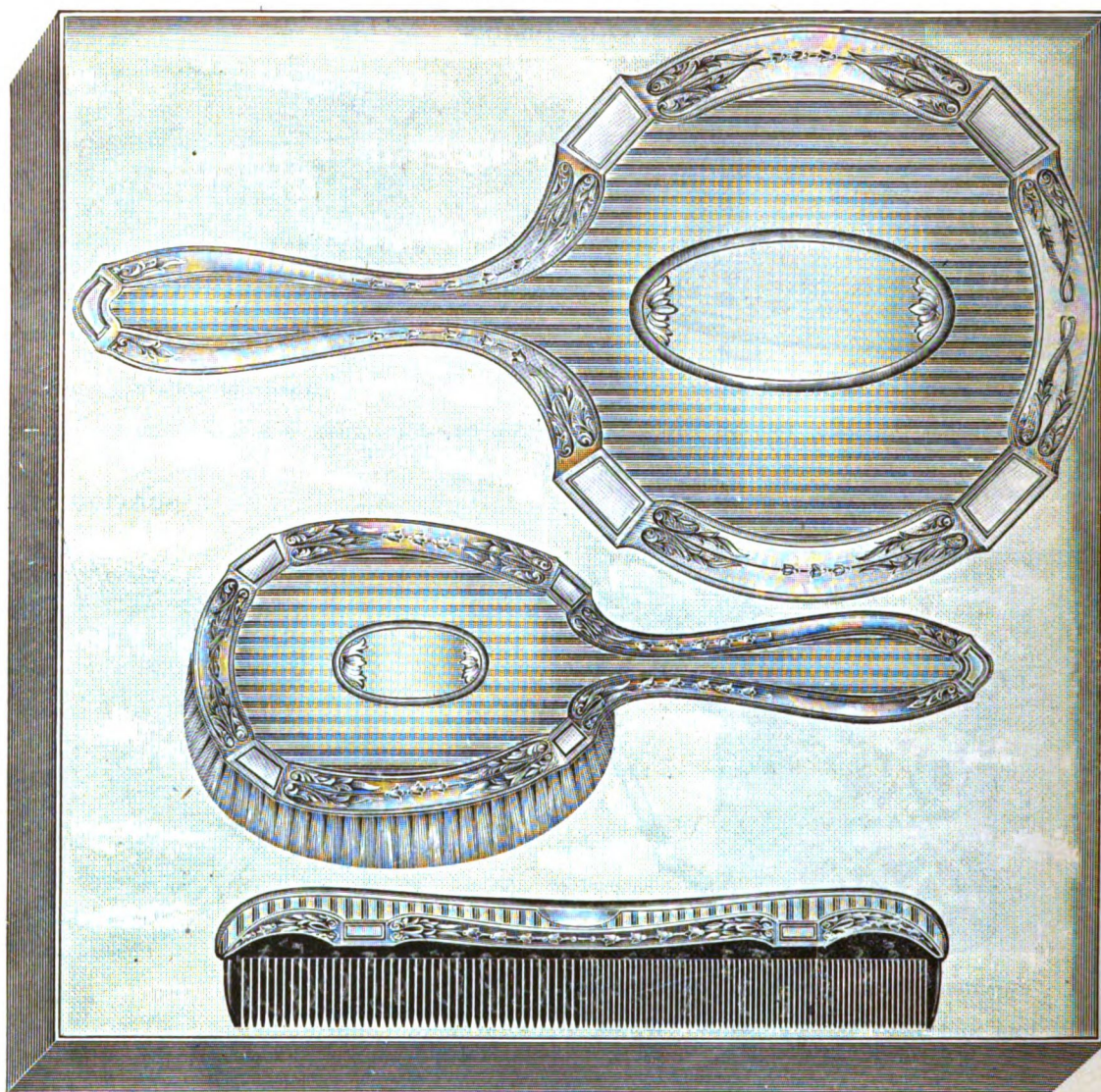
Quadruple Silver Plated.

No. 478—Shaving Stand, Adjustable Swing Mirror, Burnished Each \$8.50

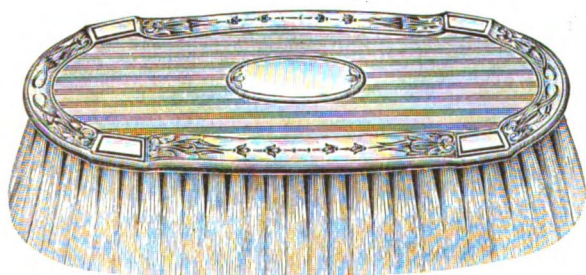
Note—Goods on this Page are Not Carried in Stock; Sold Only for Direct Factory Shipment.

SILVER PLATED TOILET WARE

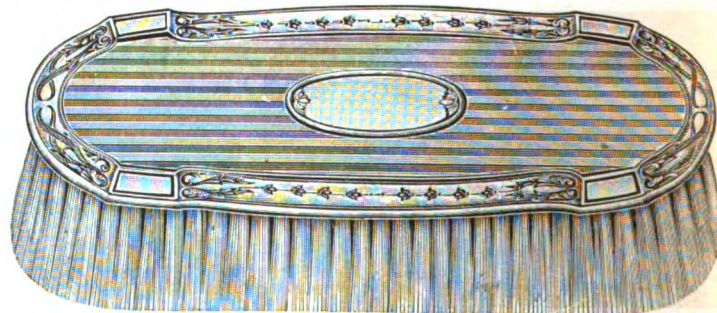
Cuts One-half Size.



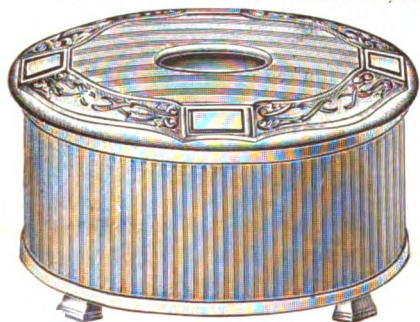
No. 363—Brush Set, 3 Pieces, Quadruple Silver Plated Backs, Chased, in White Satin Lined Case.....Per Set \$8.25



No. 363H—Hat Brush, Quadruple Silver Plated Back, ChasedEach \$2.25



No. 363C—Cloth Brush, Quadruple Silver Plated Back, ChasedEach \$3.50



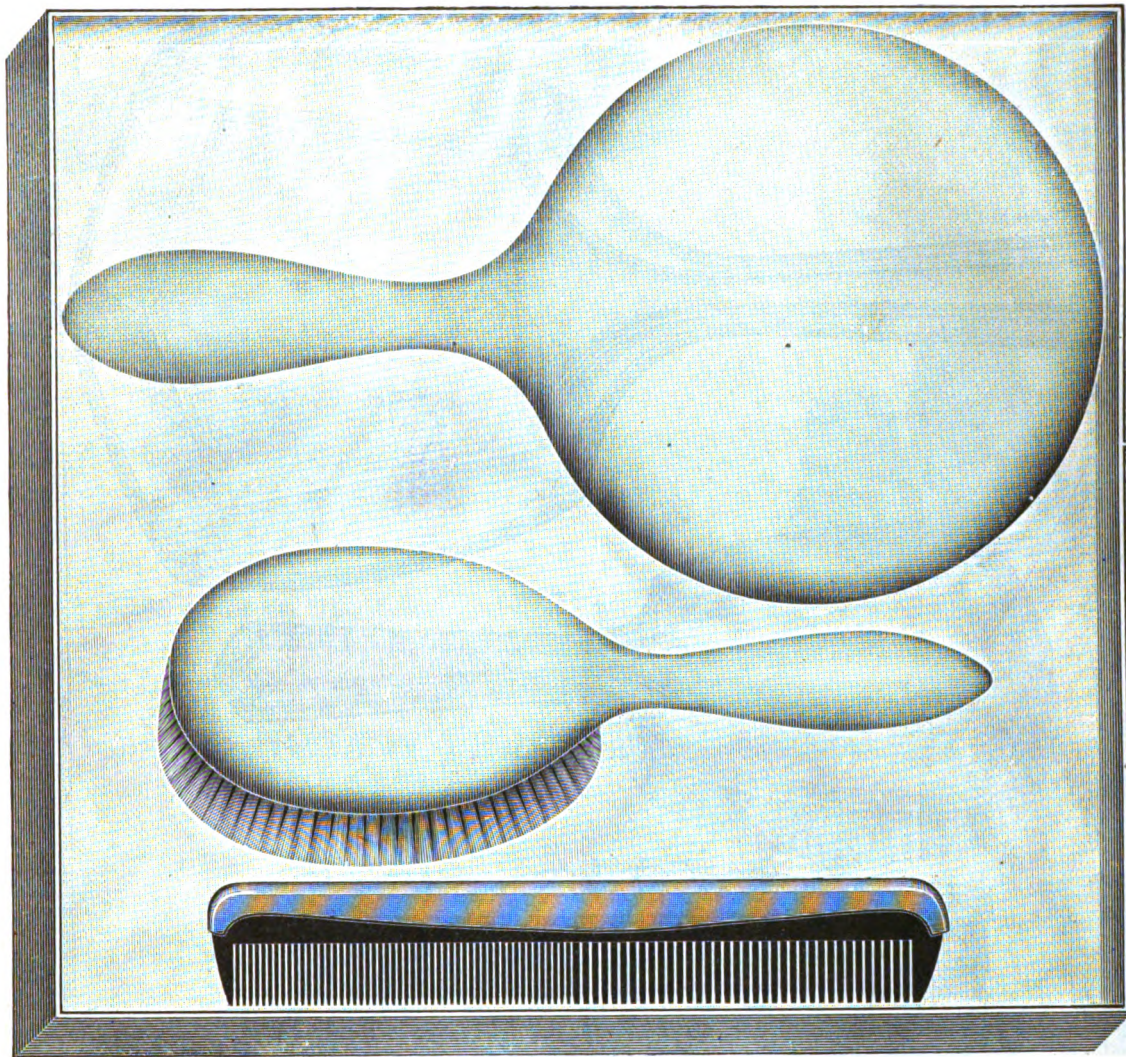
HAIR RECEIVERS

No. 87—Hair Receiver, Quadruple Silver Plated, Gold Lined, Chased.....Each \$3.75

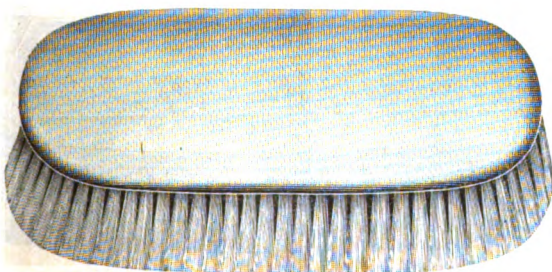
Note—Goods on this Page are Not Carried in Stock; Sold Only for Direct Factory Shipment.

SILVER PLATED TOILET WARE

Cuts One-half Size.



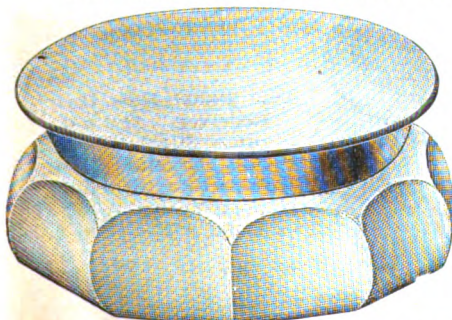
No. 1800—Brush Set, 3 Pieces, Quadruple Silver Plated Backs, Burnished, in White Satin Lined Case.....\$9.75



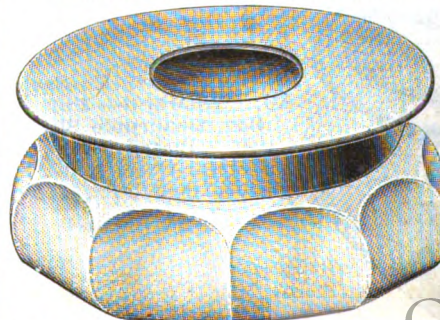
No. 1800H—Hat Brush, Quadruple Silver Plated Back, Burnished\$2.25



No. 1800C—Cloth Brush, Quadruple Silver Plated Back, Burnished\$3.50



No. 45—Puff Box, Quadruple Silver Plated Top, Crystal Glass Body, Burnished\$2.25

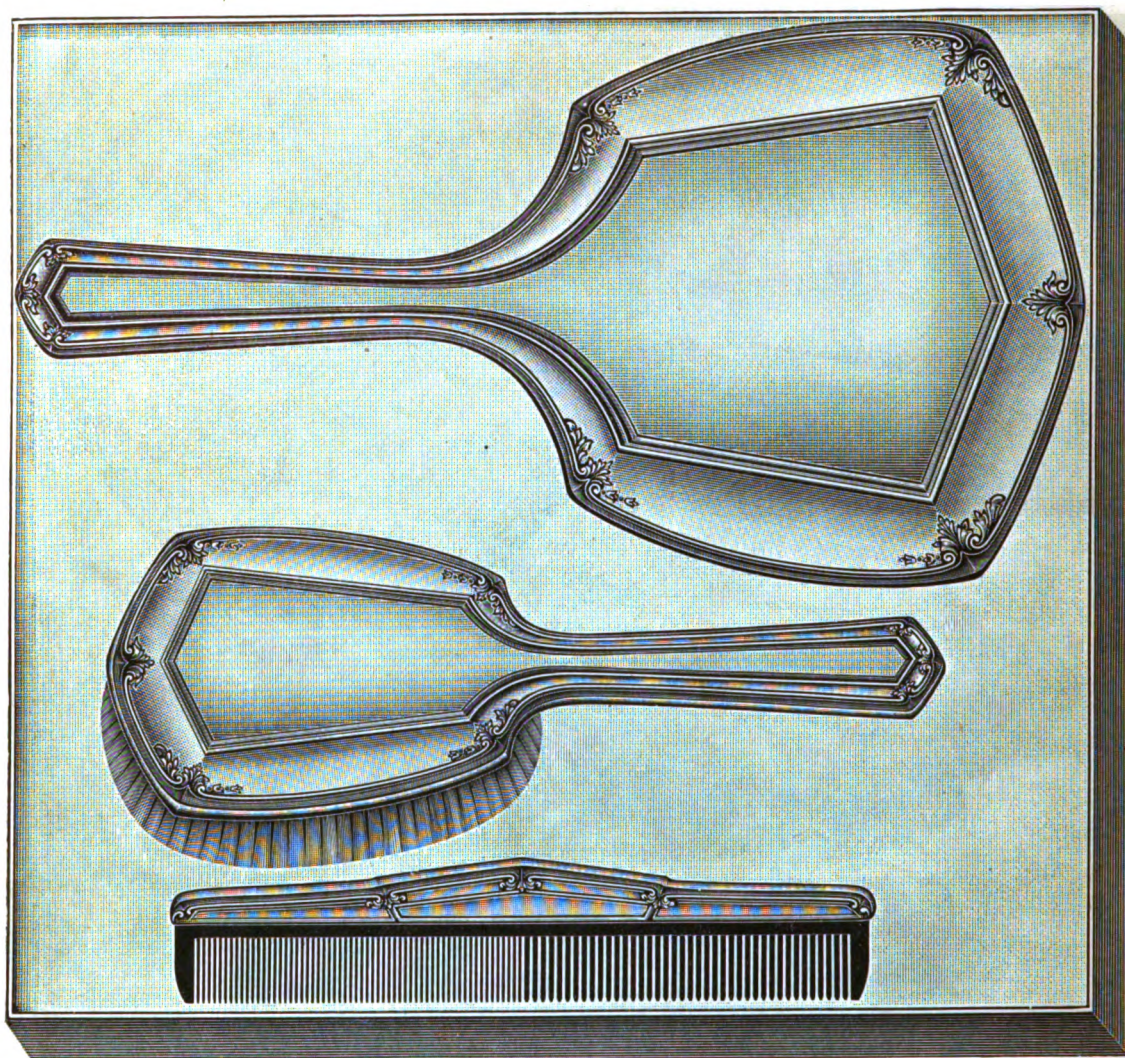


No. 78—Hair Receiver, Quadruple Silver Plated Top, Crystal Glass Body, Burnished\$1.75

Note—Goods on this Page are Not Carried in Stock; Sold Only for Direct Factory Shipment.

SILVER PLATED TOILET WARE

Cuts One-half Size.



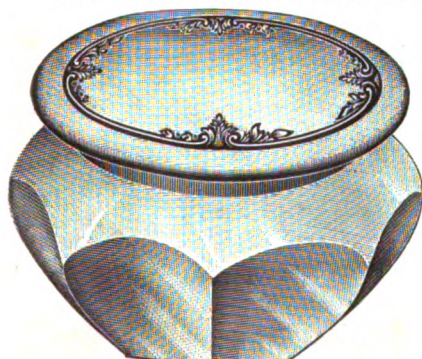
No. 2800—Brush Set, 3 Pieces, Quadruple Silver Plated Backs, Burnished, in White Satin Lined Case.....Per Set
\$10.50



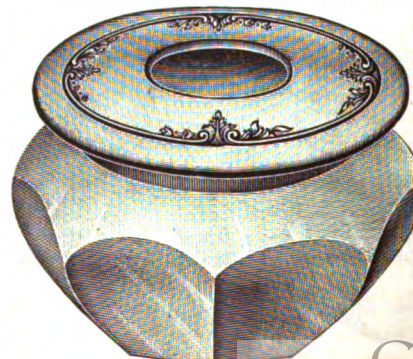
No. 2800H—Hat Brush, Quadruple Silver Plated Back, BurnishedEach
\$2.50



No. 2800C—Cloth Brush, Quadruple Silver Plated Back, BurnishedEach
\$3.75



No. 2800 1/2 — Puff Box, Quadruple Silver Plated Top, Crystal Glass Body, BurnishedEach
\$2.25



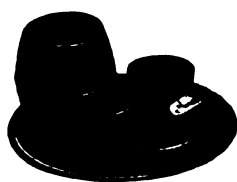
No. 2800 1/2 H — Hair Receiver, Quadruple Silver Plated Top, Crystal Glass Body, Burnished...
.....Each
\$1.75

Note—Goods on this Page are Not Carried in Stock; Sold Only for Direct Factory Shipment.

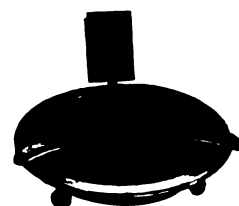
METAL SMOKING SETS



No. 75—Diameter 5½ inches,
with Glass Receptacle.....\$0.75



No. 77—Diameter Tray 7½
inches\$1.50



No. 79—Diameter 7½ inches,
Footed, with Glass Re-
ceptacle\$2.00



No. 81—Diameter 7 inches, with Glass Receptacle.....\$2.50

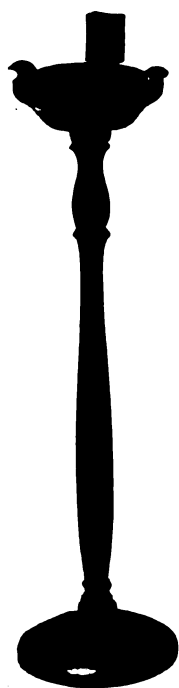


No. 83—Diameter of Tray 10 inches.....\$4.00

Note—Above Smokers Can be Furnished in Brush Brass, Verde Antique or Statuary Bronze Finishes at Same Price.

Standard Package of Metal Smoking Stands 12 of One Kind or Assorted, Discount ...

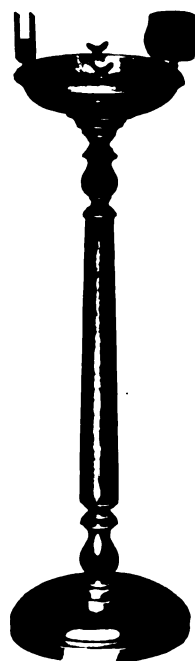
MAHOGANY FINISH SMOKING STANDS



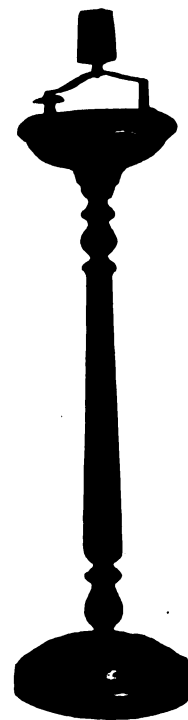
No. 30.



No. 36.



No. 37.



No. 32.

No. 30—Diameter of Base 7 inches, Height to Top of
Tray 26 inches, Diameter of Tray 6½ inches, with
Glass Receptacle, Safety Match Holder and 2 Rests,
All Elevated\$3.00

No. 36—Diameter Base 7 inches, Height to Top of Tray
27 inches, Diameter of Tray 6½ inches, with Glass
Receptacle, Cigar Cup, Safety Match Holder and 2
Cigar Rests, All Elevated..... 3.50

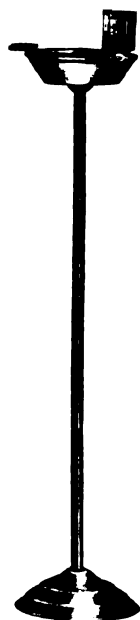
No. 37—Diameter Base 9 inches, Height to Top of Tray
27 inches, Diameter of Tray 7½ inches, with Glass
Receptacle, Cigar Cup, Safety Match Holder and
2 Cigar Rests, All Elevated.....\$4.50

No. 32—Hand Carved Base, Diameter 9 inches, Height
to Top of Tray 27 inches, Diameter of Tray
7½ inches, with Glass Receptacle, Safety Match
Holder on Handle, and 2 Cigar Rests, Elevated.... 4.50

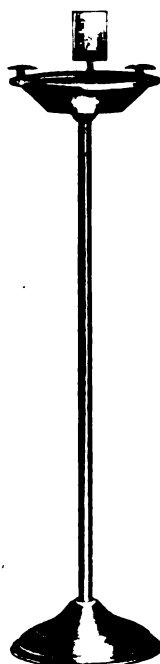
Note—Fittings on Mahogany Smokers are Statuary Bronze Plated to Correspond with the Finish of the Pedestal.

Standard Package of Mahogany Smoking Stands 12 of One Kind or Assorted, Discount ...

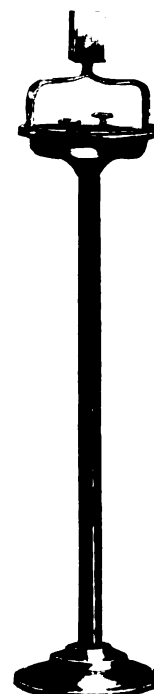
METAL SMOKING STANDS



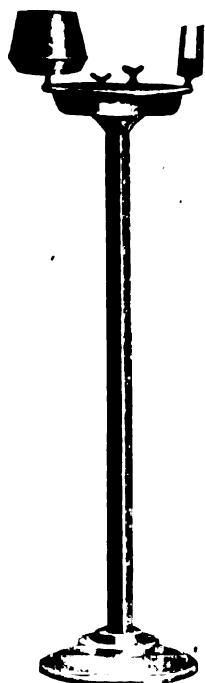
No. 52—With Glass Receptacle, Each
Diameter of Top $5\frac{1}{2}$ inches,
Diameter of Base 6 inches,
Height to Top of Tray 27
inches\$1.50



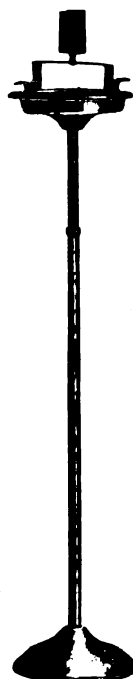
No. 56—With Glass Receptacle, Each
Diameter of Top 7 inches,
Diameter of Base 7 inches,
Height to Top of Tray 27
inches\$3.00



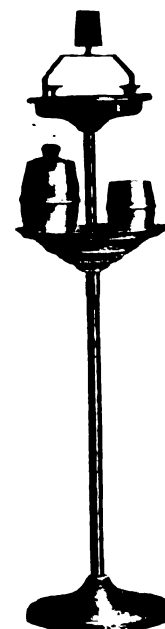
No. 57—With Glass Receptacle, Each
Diameter of Top 7 inches,
Diameter of Base $7\frac{1}{2}$ inches,
Height to Top of Tray
27 inches\$3.50



No. 58—With Glass Receptacle, Each
Diameter of Top 7 inches,
Diameter of Base $7\frac{1}{2}$ inches,
Height to Top of Tray
27 inches\$4.00



No. 60—With Glass Receptacle, Each
Diameter of Top 7 inches,
Diameter of Base $6\frac{1}{2}$ inches,
Adjustable from 20 to 36
inches\$4.00



No. 62—Diameter of Top 7 inches, Each
with Glass Receptacle, Ad-
justable from 20 to 36 inches.
Diameter Lower Tray $9\frac{1}{2}$
inches, without Fittings....\$6.50
No. 64—With Humidor and Cigar
Cup 8.75

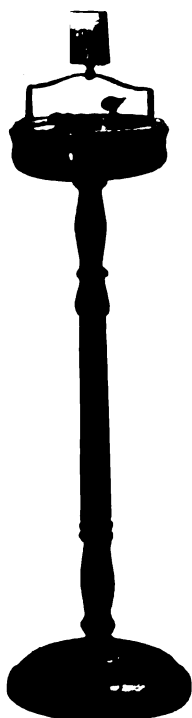
Note—Above Smokers Can be Furnished in Brush Brass, Verde Antique and Statuary Bronze Finish at Same Price.

Standard Package of Metal Smoking Stands 12 of One Kind or Assorted, Discount

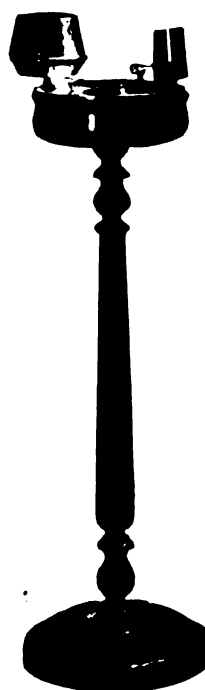
MAHOGANY FINISH SMOKING STANDS



No. 34.



No. 31.



No. 33.



No. 35.

Each

Each

No. 34—Fluted Pedestal, Hand Carved Base, Diameter 9 inches, Height to Top of Tray 27 inches, Diameter of Tray 7 1/2 inches, with Glass Receptacle, Safety Match Holder on Handle, Cigar Cup and 2 Cigar Rests, All Elevated.....\$5.50

★No. 31—Diameter of Base 9 inches, Height to Top of Tray 27 inches, Diameter Metal Lined Top 7 1/2 inches, with Glass Receptacle, Safety Match Holder on Handle and 2 Cigar Rests, Elevated.....4.50

★No. 33—Hand Carved Base, Diameter 9 inches, Height to Top of Tray 27 inches, Diameter Metal Lined Top 7 1/2 inches, with Glass Receptacle, 2 Cigar Rests, Safety Match Holder and Cigar Cup, All Elevated...\$5.50

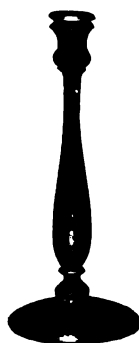
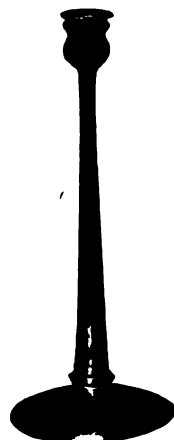
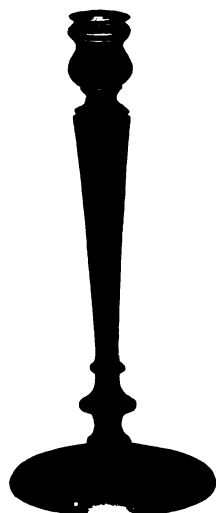
No. 35—Fluted Pedestal, Hand Carved Base, Diameter 9 inches, Height to Top of Tray 27 inches, 7 1/2 inch Metal Tray Hinged so it Can be Turned Aside, Uncovering a Metal Lined Compartment for Tobacco, with Cigar Jar, Ash Tray and Safety Match Holder. 6.00

★Nos. 31 and 33 Trays Can be Removed and Used on Table.

Note—Fittings on Mahogany Smokers are Statuary Bronze Plated to Correspond with the Finish of the Pedestal.
Standard Package Mahogany Smoking Stands 12 of One Kind or Assorted, Discount ...

GENUINE MAHOGANY
CANDLESTICKS

With Felt Pad on Bottom and Brass Candle Receptacle in Top.

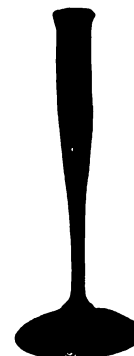
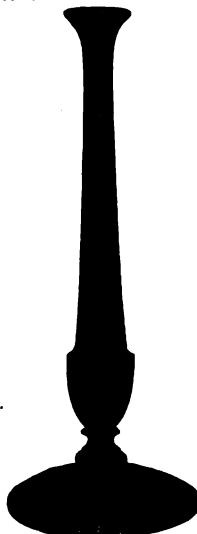


No.	Size	Each	No.	Size	Each	No.	Size	Each	No.	Size	Each	No.	Size	Each	No.	Size	Each
G6	6 in..	\$0.75	C6	6 in..	\$0.75	E6	6 in..	\$0.75	J6	6 in..	\$0.75	I6	6 in..	\$0.75	H6	6 in..	\$0.75
G9	9 in..	1.25	C9	9 in..	1.25	E9	9 in..	1.25	J9	9 in..	1.25	I9	9 in..	1.25	H9	9 in..	1.25
G12	12 in..	1.75	C12	12 in..	1.75	E12	12 in..	1.75	J12	12 in..	1.75	I12	12 in..	1.75	H12	12 in..	1.75

Standard Package 12 of One Kind or Assorted, Discount ...

GENUINE MAHOGANY BUD VASES

With Felt Pad on Bottom and Glass Water Receptacle in Top.

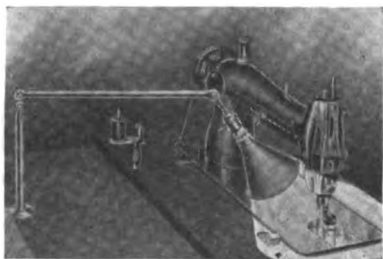


No.	Size	Each	No.	Size	Each	No.	Size	Each	No.	Size	Each	No.	Size	Each	No.	Size	Each
J6	6 in..	\$0.75	I6	6 in..	\$0.75	H6	6 in..	\$0.75	J9	9 in..	1.25	I9	9 in..	1.25	H9	9 in..	1.25
J12	12 in..	1.75	I12	12 in..	1.75	H12	12 in..	1.75	J12	12 in..	1.75	I12	12 in..	1.75	H12	12 in..	1.75

Standard Package 12 of One Kind or Assorted, Discount ...

FACTORY LIGHT FIXTURES

ADJUSTABLE BENCH BRACKET

**Black Finish Only.**

Especially adapted for use on power sewing machines. By use of this fixture the light can be so adjusted as to fully light the work and at the same time entirely shield the eyes of the operator. Exceptionally good lighting results are obtained by use of our No. 15 Special Shade on this fixture.

Note—In ordering specify clearly size desired.

Height of Standard 12, 15 or 18 inches. Length of Arm 12, 15 or 18 inches.

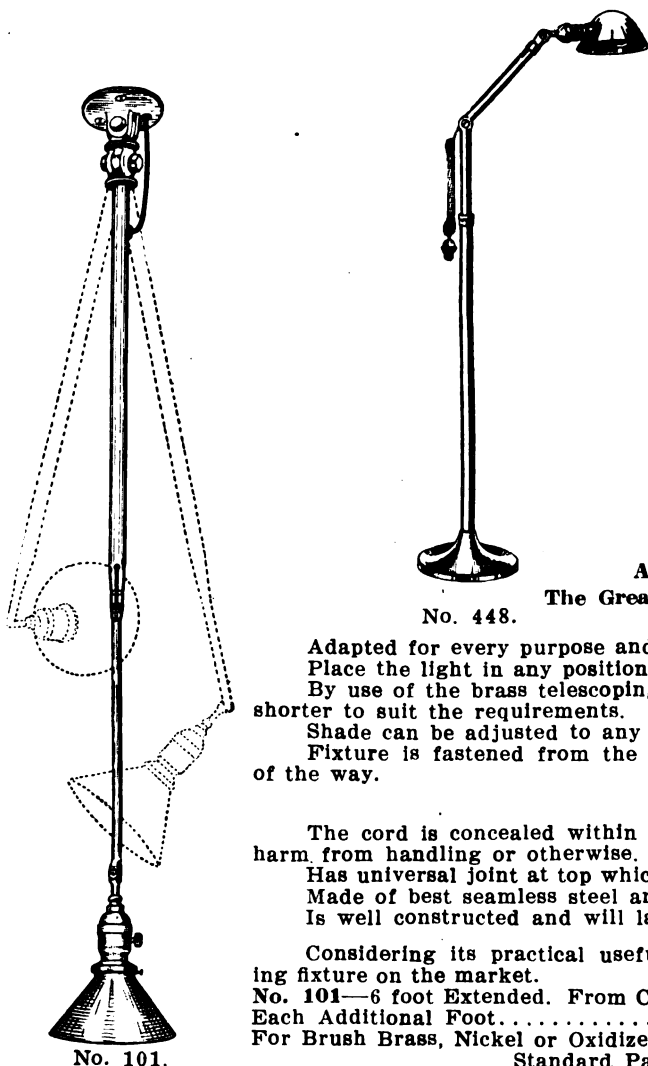
No. 250—Bracket Only, without Socket or Shade..... Each \$2.20
Standard Package 12, Discount ...

No. 15—SPECIAL SHADE

Frosted Aluminum Inside, Green Enamel Outside.

The principal feature of this Shade is that it concentrates the rays to a smaller area, producing a stronger light with a smaller lamp, thereby greatly reducing the consumption of current and producing a better light.

No. 15—Diameter 4 inches, Height 4½ inches, 36 in Standard Package Each \$0.30



No. 101.

No. 448.

ADJUSTABLE CEILING FIXTURE

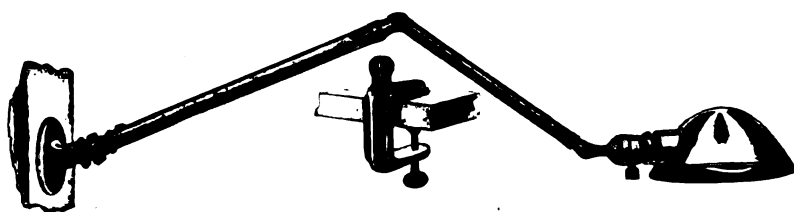
The Greatest Utility Light Fixture on the Market.

USE
Adapted for every purpose and in every place where a direct light is required. Place the light in any position or at any angle and it will adjust itself to that particular position. By use of the brass telescoping tube which is 20 inches long the fixture can be made longer or shorter to suit the requirements. Shade can be adjusted to any desired angle. Fixture is fastened from the ceiling and when not in use can instantly be pushed entirely out of the way.

CONSTRUCTION
The cord is concealed within the tube by an invention of our own and is protected against all harm from handling or otherwise. Has universal joint at top which permits free action in any direction. Made of best seamless steel and brass tubing in various lengths to suit height of ceiling. Is well constructed and will last indefinitely.

Considering its practical usefulness and convenience it is the cheapest as well as the best lighting fixture on the market. Each
No. 101—6 foot Extended. From Ceiling to Socket, Black Finish, Complete as Shown..... \$4.50
Each Additional Foot..... Add .50
For Brush Brass, Nickel or Oxidized Copper..... Add 1.00
Standard Package 6 of One Size or Assorted, Discount ...

ADJUSTABLE WALL OR DESK BRACKET



No. 204.

This Fixture has a flange base to fasten to wall, top of desk or any other flat surface. Can also be furnished with clamp "as shown above" for table, bench, machine or drafting boards. Has universal joint at base which allows adjusting the Fixture to any desired position, and when not in use can readily be pushed aside.

Length of Socket 24 inches.

	Black	Nickel or B. B.	Ox. Copper
No. 204 —Bracket, not Wired...	\$2.75	3.50	3.75
No. 204W—Wired, Socket and Green Enameled Shade.....	4.00	4.75	5.00

Length to Socket 36 inches, Otherwise Same as No. 204.

	Black	Nickel or B. B.	Ox. Copper
No. 205 —Bracket, not Wired...	\$3.25	4.00	4.25
No. 205W—Wired, Socket and Green Enameled Shade.....	4.50	5.25	5.50

Length to Socket 48 inches, Otherwise Same as No. 204.

	Black	Nickel or B. B.	Ox. Copper
No. 206 —Bracket, not Wired...	\$3.75	4.50	4.75
No. 206W—Wired, Socket and Green Enameled Shade.....	5.00	5.75	6.00

For Black Brackets, Furnished with Clamp as Shown Above Add \$0.30
For Plated Brackets, Furnished with Clamp as Shown Above Add .50
Standard Package 12 of One Style or Assorted, Discount ...

ADJUSTABLE FACTORY FLOOR PORTABLE**Black Finish Only.**

These Fixtures are practical for shops with extremely high ceilings, where ceiling fixtures cannot be used.

Their many adjustable features overcome the difficulties of ordinary lighting devices, as they enable the operator to concentrate the light on exactly the spot where it is needed.

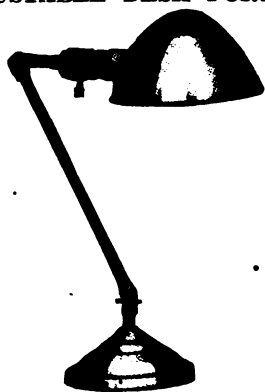
Particularly adapted where stationary fixtures cannot be used to advantage.

Base 9½ inches, Cast Iron, Standard 40x¾ inches, Telescoping Tube 36x¾ inches, Arm to Socket 22x¾ inches.

No. 448—Portable Only, without Socket or Shade..... Each \$4.50
Add for Extras, No. 027 Green Enameled Shade, 50 cents; Socket, 50 cents; Attachment Plug, 25 cents; 10 feet Cotton Cord, 50 Cents.

Standard Package 12, Discount ...

ADJUSTABLE DESK PORTABLE



Base 5½ inches, Cast Iron, Covered with Spinning, Length of Arm to Socket 14 inches. Each

No. 311—Portable Only, Not

Wired\$1.50

No. 311W1—Portable, Wired,

Complete with No. 1 Wiring. 3.00

No. 311W2—Portable, Wired

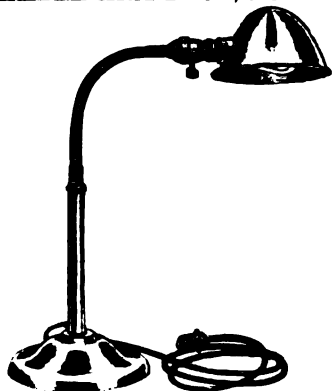
Complete with No. 2 Wiring. 2.80

No. 1 wiring includes 8 feet par. silk cord, approved socket, separable plug and No. 26 deep parabola brass shade.

No. 2 wiring includes 8 feet merc. par. silk cord, approved socket, separable plug and No. 027 green enameled shade.

Standard Package 12—Cannot be Assorted.

FLEXIBLE ARM DESK, PORTABLE



Base 6 inches, Cast Iron, Covered with 22 Gauge Spinning, Standard 9 inches, Flexible Arm 9 inches to Socket. Each

No. 314—Portable Only, Not

Wired\$2.25

No. 314W—Portable, Wired Com-

plete 3.75

ADJUSTABLE TWIN DESK PORTABLE



Base 6 inches, Cast Iron, Covered with 22 Gauge Spinning, Standard 9 inches, Total Reach Between Sockets 28 inches. Each

No. 324—Portable Only, Not

Wired\$4.00

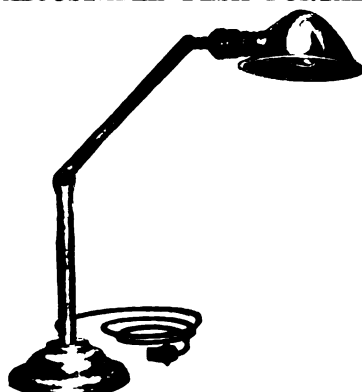
No. 324W—Portable, Wired, Com-

plete as Shown 7.00

Note—Unless otherwise specified, prices named on Desk Lamps are for Brush Brass Finish. For Nickel, Statuary Bronze, Verde Antique and Oxidized Copper, Add\$0.50

When not otherwise specified, Brush Brass Finish will be sent. Standard Package of Metal Desk Lamps 12 of One Style or Assorted, Discount

No. 311 Cannot be Included in Assorted Lots.

DESK LAMPS
ADJUSTABLE DESK PORTABLE

Base 6 inches, Cast Iron, Covered with 22 Gauge Spinning, Standard 9 inches, Arm to Socket 11 inches. Each

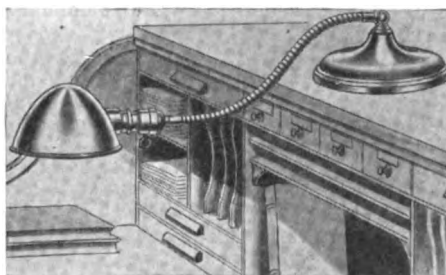
No. 312—Portable Only, Not

Wired\$2.25

No. 312W—Portable, Wired Com-

plete 3.75

FLEXIBLE ARM DESK PORTABLE



Base 6 inches, Cast Iron, Covered with 22 Gauge Spinning. Each

No. 318-9—With 9 inch Flexible

Arm, Not Wired\$2.25

No. 318-12—With 12 inch Flexible

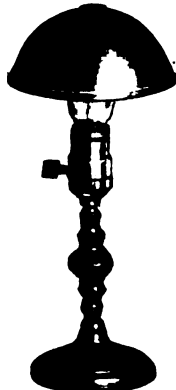
Arm, Not Wired 2.50

No. 318-15—With 15 inch Flexible

Arm, Not Wired 2.75

Wired Complete, Add 1.50

ADJUSTABLE TABLE OR DESK PORTABLE



No. 317W.

Diameter of Base 4½ inches, Height 12 inches.

Adjustable shade which can be easily removed, fits any size or shape of lamp bulb, and can turned so as to concentrate the light on any desired spot.

Finished in mottled verde antique, statuary bronze, brushed brass and pearl gray. Each

No. 317W—Portable, Wired Complete, as Shown\$2.25

Finished in Ivory White, Add25

Same as No. 317, Except 14 inches High. Each

No. 319W—Portable, Wired Complete\$2.75

Finished in Ivory White, Add25

Note—Unless otherwise specified, prices named on Desk Lamps are for Brush Brass Finish.

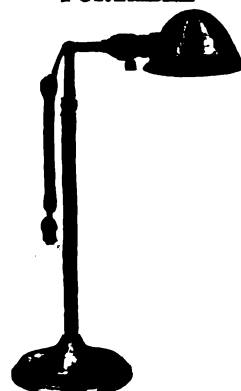
For Nickel, Statuary Bronze, Verde Antique and Oxidized Copper, Add\$0.50

When not otherwise specified, Brush Brass Finish will be sent.

Standard Package of Metal Desk Lamps 12 of One Style or Assorted, Discount

No. 311 Cannot be Included in Assorted Lots.

ADJUSTABLE TELESCOPING DESK PORTABLE



Base 6 inches, Cast Iron, Covered with 22 Gauge Spinning, Minimum Height 14 inches, Extended 24 inches. Each

No. 320—Portable Only, Not

Wired\$2.25

No. 320W—Portable, Wired Com-

plete 3.75

ADJUSTABLE DESK PORTABLE



Base 5½ inches, Cast Iron, Covered with 22 Gauge Spinning, Height to Top of Stand 12 inches, Adjustable Swing Joint at Top of Standard which Allows Shade to be Adjusted to Any Desired Angle. Each

No. 323W—Portable, Wired Com-

plete\$4.00



No. 319W.

Diameter of Base 4½ inches, Height 12 inches.

Adjustable shade which can be easily removed, fits any size or shape of lamp bulb, and can turned so as to concentrate the light on any desired spot.

Finished in mottled verde antique, statuary bronze, brushed brass and pearl gray. Each

No. 317W—Portable, Wired Complete, as Shown\$2.25

Finished in Ivory White, Add25

Same as No. 317, Except 14 inches High. Each

No. 319W—Portable, Wired Complete\$2.75

Finished in Ivory White, Add25

Note—Unless otherwise specified, prices named on Desk Lamps are for Brush Brass Finish.

For Nickel, Statuary Bronze, Verde Antique and Oxidized Copper, Add\$0.50

When not otherwise specified, Brush Brass Finish will be sent.

Standard Package of Metal Desk Lamps 12 of One Style or Assorted, Discount

No. 311 Cannot be Included in Assorted Lots.

METAL FLOOR LAMPS



ADJUSTABLE TELESCOPING FLOOR PORTABLE

Base 9 1/2 inches, Cast Iron, Covered with 22 Gauge Spinning, Standard 34x 3/4 inches, Telescoping Tube 24x 5/8 inches, Arm to Socket 9x 3/4 inches.

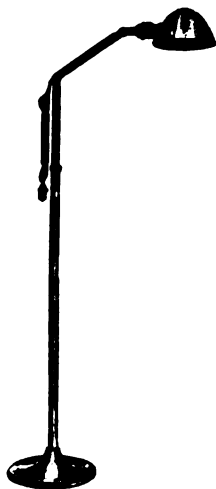
	Each
No. 436 — Portable Only, Not Wired.....	\$4.50
No. 436W — Portable, Wired Complete as Shown.....	6.00

ADJUSTABLE FLOOR PORTABLE

Same as Above, Except that the Telescoping Adjustment in Standard is Eliminated.

Base 9 1/2 inches, Cast Iron, Covered with 22 Gauge Spinning, Standard 42x 3/4 inches, Arm to Socket 9x 3/4 inches.

	Each
No. 440 — Portable Only, Not Wired.....	\$3.50
No. 440W — Portable, Wired Complete	5.00

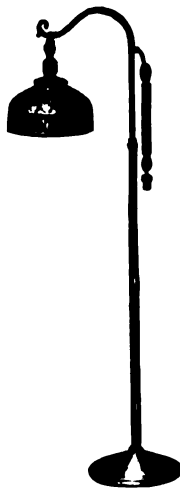


ADJUSTABLE TELESCOPING FLOOR PORTABLE

With Extra Joint Next to Socket.

Base 9 1/2 inches, Cast Iron, Covered with 22 Gauge Spinning, Standard 34x 3/4 inches, Telescoping Tube 24x 5/8 inches, Arm to Socket 11x 3/4 inches.

	Each
No. 434 — Portable Only, Not Wired	\$5.00
No. 434W — Portable, Wired Complete as Shown.....	6.50



TELESCOPING FLOOR PORTABLE

Fancy Glass Shade, Metal Parts Finished to Match Portable.

Base 9 1/2 inches, Covered with 22 Gauge Spinning, Standard 34x 3/4 inches, can be Extended to 72 inches.

	Each
No. 550 — Portable Only, Not Wired	\$ 9.00
No. 550W — Portable, Wired Complete, without Shade.....	10.30
No. 50 — Shade and Fitter as Shown, Add	3.00



ADJUSTABLE FLEXIBLE ARM TELESCOPING FLOOR PORTABLE

Base 9 1/2 inches, Cast Iron, Covered with 22 Gauge Spinning, Standard 34x 3/4 inches, Telescoping Tube 24x 3/4 inches, Flexible Arm to Socket 12 inches.

	Each
No. 428 — Portable Only, Not Wired.....	\$6.00
No. 428W — Portable, Wired Complete as Shown.....	7.50
With 15 inch Flexible Arm, Add.....	.25

ADJUSTABLE FLOOR PORTABLE

Same as Above Except that the Telescoping Adjustment in the Standard is Eliminated.

Base 9 1/2 inches, Cast Iron, Covered with 22 Gauge Spinning, Standard 42x 3/4 inches, Flexible Arm 12 inches.

	Each
No. 438 — Portable Only, Not Wired.....	\$4.50
No. 438W — Portable, Wired Complete.....	6.00
With 15 inch Flexible Arm, Add.....	.25



TELESCOPING FLOOR PORTABLE For Silk Shade.

Base 10 inches, Weighted with Iron Casting, Height of Pedestal 42 inches. Can be Extended to 72 inches.

	Each
No. 660M — Mahogany Finish Pedestal, Statuary Bronze Top, Not Wired.....	\$16.00
No. 660GM — Genuine Mahogany Pedestal, Statuary Bronze Top, Not Wired.....	17.50
Portable, Wired Complete, without Shade, Add.....	1.30
No. 6214 — 14 inch Florentine Silk Shade, Shirred Top and Single Box Plait Trimmed, White Silk or Cretonne Lined, 4 inch Silk Fringe, Add	7.00

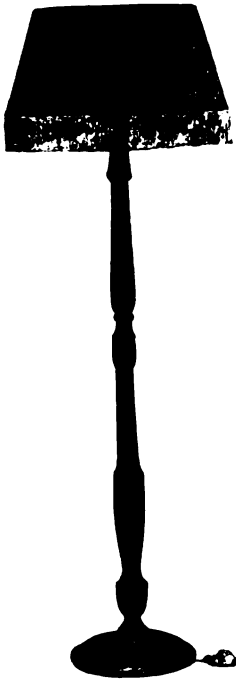
Note— Unless Otherwise Specified, Brush Brass Finish Will be Sent. Prices are for Brush Brass Finish. For Nickel, Statuary Bronze, Verde Antique and Oxidized Copper, Add

Standard Package of Metal Floor Lamps 12 of One Kind or Assorted, Discount ...

Floor Portables wired with 10 feet parallel silk cord, separable attachment plug, approved socket and deep parabolic shade to match.

MAHOGANY FLOOR LAMPS

WITH SILK SHADES



Turned Pedestal.

Base 14 inches, Height Over All 72 inches, Wired with 12 feet Par. Silk Cord, 2 Pull Chain Sockets, Separable Attachment Plug, Unlined Shade.

Each

- No. 786M—Mahogany Finish Pedestal, without Shade...\$11.00
 No. 786GM—Genuine Mahogany Pedestal, without Shade... 14.00
 No. 2624—24 inch Floor Lamp Shade 10.00
 No. 2618—18 inch Table Lamp Shade 7.00

See Note Below.



Fluted pedestal.

Base 14 inches, Height Over All 72 inches, Wired with 12 feet Par. Silk Cord, Three Pull Chain Sockets, Separable Attachment Plug, Shirred Top Silk Shade, with Triple Box Plait Trimming.

Each

- No. 772M—Mahogany Finish Pedestal, without Shade....\$19.00
 No. 772GM—Genuine Mahogany Pedestal, without Shade... 22.00
 No. 6424—24 inch Floor Lamp Shade 16.00
 No. 6418—18 inch Table Lamp Shade 12.75

See Note Below.



Turned Pedestal.

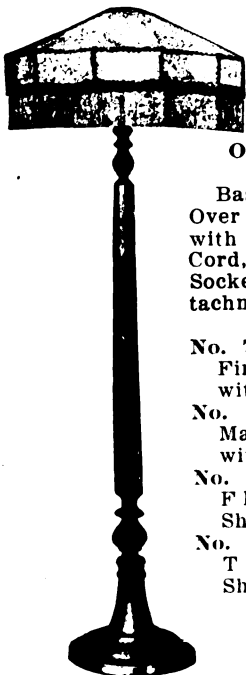
Base 14 inches, Height Over All 72 inches, Wired with 12 feet Par. Silk Cord, Three Pull Chain Sockets, Separable Attachment Plug.

Shade Trimmed with Special 3 inch Antique Gold Braid Around Bottom.

See Similar Shade No. 2824, Listed with Pedestal No. 886.

Each

- No. 778M—Mahogany Finish Pedestal, without Shade...\$16.00
 No. 778GM—Genuine Mahogany Pedestal, without Shade... 19.00
 No. 4224—24 inch Floor Lamp Shade 15.50
 No. 4218—18 inch Table Lamp Shade 10.50

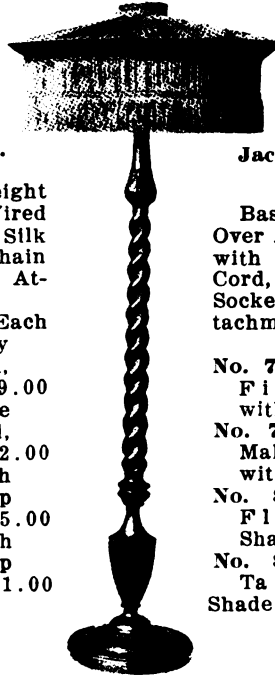


Octagon Standard.

Base 14 inches, Height Over All 72 inches, Wired with 12 feet Par. Silk Cord, Three Pull Chain Sockets, Separable Attachment Plug.

Each

- No. 791M—Mahogany Finished Pedestal, without Shade..\$19.00
 No. 791GM—Genuine Mahogany Pedestal, without Shade..\$22.00
 No. 3624—24 inch Floor Lamp Shade\$15.00
 No. 3618—18 inch Table Lamp Shade\$11.00



Jacobean Style Hand Carved.

Base 14 inches, Height Over All 72 inches, Wired with 12 feet Par. Silk Cord, Three Pull Chain Sockets, Separable Attachment Plug.

Each

- No. 793M—Mahogany Finish Pedestal, without Shade..\$22.00
 No. 791GM—Genuine Mahogany Pedestal, without Shade..\$25.00
 No. 8224—24 inch Floor Lamp Shade\$22.00
 No. 8218—18 inch Table Lamp Shade\$15.00



Hand Carved Pedestal.

Base 14x14 in., Height Over All 72 inches, Wired with 12 feet Par. Silk Cord, Three Pull Chain Sockets, Separable Attachment Plug, Black Velvet Under the Wide Antique Gold Braid.

Each

- No. 798M—Mahogany Finish Pedestal, without Shade..\$25.00
 No. 798GM—Genuine Mahogany Pedestal, without Shade..\$28.00
 No. 7824—24 inch Floor Lamp Shade\$18.00
 No. 7818—18 inch Table Lamp Shade\$13.00

Note—Above Shades are all made of Florentine Silk and have 4 inch Genuine Silk Fringe or Chenille Fringe. Colors: Old Gold, Mulberry, Old Rose, Delft Blue, Amber and Olive Green; White Silk or Floral Cretonne Lined.

Any of above Shades can be had with any of these Pedestals, can also be had in smaller sizes, for Table Lamps. Be sure to specify color, lining and fringe desired. When not specified we use our judgment.

Standard Package of Mahogany Lamps Four of One Kind or Assorted, Discount ...

MAHOGANY TABLE LAMPS

WITH SILK SHADES



Height Over All 12 inches.

Wired with 8 feet Par. Silk Cord, One Socket, Separable Attachment Plug.

	Each
No. 962—Pedestal	\$2.00
No. 226—Shade	1.50
No. 963—Complete	3.50



Height 14 inches.

Wired with 8 feet Par. Silk Cord, One Socket, Separable Attachment Plug.

	Each
No. 964—Pedestal	\$2.50
No. 227—Shade	1.80
No. 965—Complete	4.30



Height Over All 14 inches.

Wired with 8 feet Par. Silk Cord, One Socket, Separable Attachment Plug.

	Each
No. 966—Pedestal	\$2.50
No. 608—Shade	2.90
No. 967—Complete	5.40



Height Over All 20 inches.

Wired with 8 feet Par. Silk Cord, One Pull-Chain Socket, Separable Attachment Plug.

	Each
No. 974—Pedestal	\$4.50
No. 6214—Shade	7.00
No. 975—Complete	15.00

Note—Unless otherwise specified, any of the above Shades can be furnished in Light Blue, Pink, Rose, Mulberry, Gold, Amber, Delft Blue, Olive Green, with White Silk or Cretonne Lining.



Height Over All 22 inches.

Wired with 8 feet Par. Silk Cord, One Pull Chain Socket and Separable Attachment Plug.

	Each
No. 976—Pedestal	\$5.00
No. 1116—16 inch Cretonne Shade	4.00
No. 2814—14 inch Silk Empire Shade, Same Style as Shown on Pedestal No. 886, with 4 inch Fringe, White Silk or Cretonne Lined	6.00



No. 983.

Height Over All 22 inches, Base 6 inches.

Wired with 8 feet Par. Silk Cord, One Socket and Separable Attachment Plug. 14 inch Florentine Silk Shade, Unlined, with 3 inch Bead Fringe, Colors, Mulberry and Amber Only.

	Each
No. 983—Complete as Shown, with Shade	\$6.50

Same Style as Above, but Larger, and with Slightly Different Shaped Pedestal, Base 8½ inches, Height Over All 27 inches, 16 inch Florentine Silk Shade, Unlined, with 3 inch Bead Fringe, Colors, Mulberry and Amber Only.

	Each
No. 984—Complete as Shown, with Shade	\$8.00

Standard Package of Mahogany Lamps Four of One Kind or Assorted, Discount ...

MAHOGANY TABLE LAMPS

WITH SILK SHADES



Fluted Pedestal.

Base 9 inches, Height Over All 28 inches, Wired with 8 feet Par. Silk Cord, Two Pull Chain Sockets, Separable Attachment Plug, Shirred Top Silk Shade, with Single Box Plait Trimmings.

	Each
No. 880M—Mahogany Finish Pedestal, without Shade...	\$ 8.00
No. 880GM—Genuine Mahogany Pedestal, without Shade...	9.50
No. 6218—18 inch Table Lamp Shade	10.00
No. 6224—24 inch Floor Lamp Shade	14.50
See Note Below.	



Embossed Pedestal.

Base 9x9 inches, Height Over All 28 inches, Wired with 8 feet Par. Silk Lamp Cord, Two Pull Chain Sockets, Separable Attachment Plug.

White Silk Lining under the Figured Silk which is Old Gold Color with Delft Blue and Old Rose design. Floral Cretonne Lining under the Shirred Old Rose Panel which corresponds with Design in Figured Silk. Cut Shows Shade with Old Rose Chenille Fringe.

	Each
No. 856M — Mahogany Finish Pedestal, without Shade...	\$13.50
No. 856GM—Genuine Mahogany Pedestal, without Shade...	15.50
No. 1620—20 inch Table Lamp Shade	20.00
No. 1626—26 inch Floor Lamp Shade	25.00
See Note Below.	



Jap Lacquered Pedestal, Genuine Hand Painted, Assorted Designs.

Base 9 inches, Height Over All 28 inches, Wired with 8 feet Par. Silk Cord, Two Pull Chain Sockets, Separable Attachment Plug.

Shade Colors: Rose, Ruby, Delft Blue and Green, with Beautifully Contrasted Colored Design and 5 inch Variegated Fringe to Match.

Pedestal Finished Dull Ebony, Decorated in Colors Appropriate for the Design.

	Each
No. 847—Pedestal, without Shade	\$16.00
No. 4720—20 inch Table Lamp Shade	12.00
No. 4724—24 inch Floor Lamp Shade	15.00



Carved Pedestal.

Base 9 inches, Height Over All 28 inches, Wired with 8 feet Par. Silk Lamp Cord, Two Pull Chain Sockets, Separable Attachment Plug.

	Each
No. 863M — Mahogany Finish Pedestal, without Shade...	\$12.00
No. 863GM—Genuine Mahogany Pedestal, without Shade...	14.00
No. 3820—20 inch Table Lamp Shade	13.50
No. 3826—26 inch Floor Lamp Shade	18.00
See Note Below.	



Turned Pedestal.

Base 9 inches, Height Over All 28 inches, Wired with 8 feet Par. Silk Cord, Two Pull Chain Sockets and Separable Attachment Plug.

	Each
No. 886M — Mahogany Finish Pedestal, without Shade...	\$ 8.00
No. 886GM—Genuine Mahogany Pedestal, without Shade...	9.50
No. 2818—18 inch Table Lamp Shade	9.00
No. 2824—24 inch Floor Lamp Shade	13.50

Nos. 886M to 2824.

Nos. 863M to 3826.

Note—Above Shades are all made of Florentine Silk and have 4 inch Genuine Silk Fringe or Chenille Fringe. Colors: Old Gold, Mulberry, Old Rose, Delft Blue, Amber and Olive Green; White Silk or Floral Cretonne lined.

Any of above Shades can be had with any of these Pedestals. Can also be had in same, larger sizes, for Floor Lamps. Be sure to specify color, lining and fringe desired. When not specified, we use our judgment.

Standard Package of Mahogany Lamps Four of One Kind or Assorted, Discount ...

ADJUSTABLE ELECTRIC LAMPS



Showing
Lamp
Collapsed.

WALLACE

The First and the Best, Stays Put Anywhere.

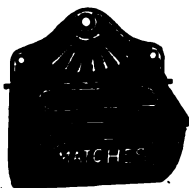
The Wallace Patented Adjustable Electric Lamp is the Handiest Lamp in the World and the Only Lamp which can be Collapsed and carried in a grip. Concealed in the base of lamp is an automatic Spiral Clamp Spring by means of which you can hang lamp on the wall or clamp it instantly to bed rod, dressing table, desk or chair; iron grip rubber suction cup, for sticking lamp to mirror, window pane or any other non-porous surface. You can stand the Wallace anywhere; hang or stick it any place; tilt lamp and shade up or down or sideways. No matter where you want light, the Wallace will Concentrate the Light Just There.



Wallace Lamp Model C—Brush Brass Finish, Complete with 10 feet of Extension Cord and Patent Plug which Connects with Any Electric Fixture.....**\$4.00**

Each

MATCH BOXES



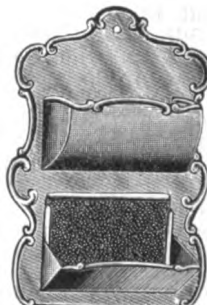
No. 3 — Self-Closing, $3\frac{3}{8} \times 3\frac{1}{2} \times 2$ inches, Japanned, Assorted Colors, Self-Closing Cover...**\$1.20**
One Dozen in a Box.



No. 2 — Square, $3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{7}{8}$ inches, Japanned, Assorted Colors**\$1.10**
One Dozen in a Box.



No. 4—Twin, $5 \times 4\frac{1}{2}$ inches, Japanned, Assorted Colors...**\$0.90**
One Dozen in a Box.



No. 6—Fancy, $3\frac{3}{4} \times 5$ inches, Nickel Plated Tin, Double Box with Scratcher.....**\$1.80**
One Dozen in a Box.



No. 2136— 7×4 inches, Cast Iron, Bronze Finish, Self-Closing with Receptacle for Burnt Matches**\$2.50**
One-half Dozen in a Box.

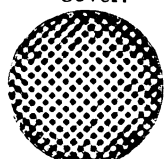
POCKET MATCH SAFES



Match Tube.



Cover.



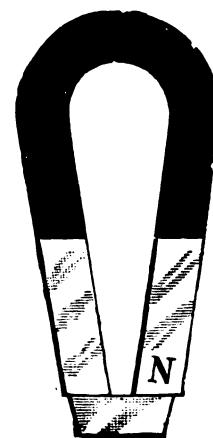
Scratcher.

Miners'— $2\frac{7}{8}$ inches High, Round Tube Shape, Brass Nickel Plated, Air Tight and Waterproof, Holds 20 Matches....**\$1.80**
One Dozen in a Box.



No. 10—Nickel Plated, Hinged Cover with Spring Catch....**\$1.70**
One Dozen in a Box.

HORSE SHOE MAGNETS



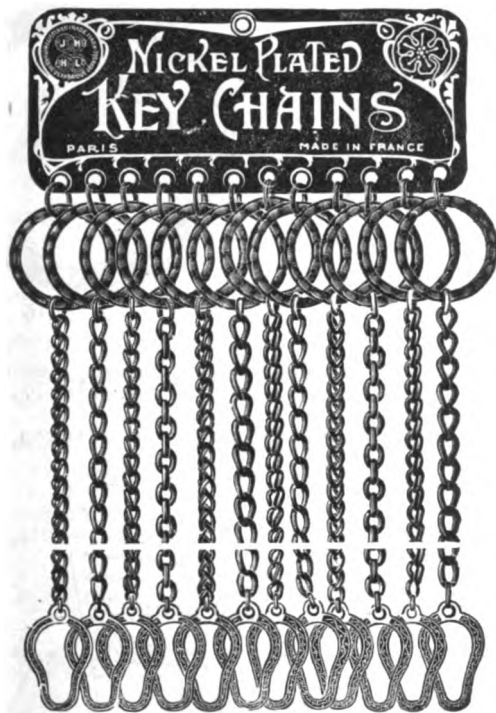
Best Quality, Painted Red, Polished Poles.

Inches	2	2½	3	3½
Per Dozen...	\$1.70	2.00	2.60	4.00

Inches	4	4½	5	6
Per Dozen...	\$5.30	7.30	8.60	11.90

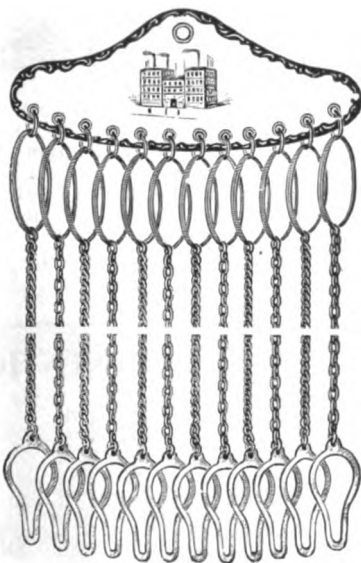
One-half Dozen in a Package.

KEY CHAINS



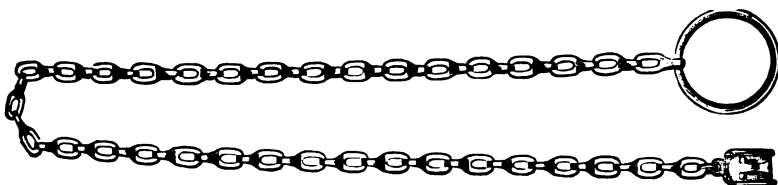
No. 052.

- No. 052—16 inches Long, Nickel Plated, Assorted Links, with Snaps \$2.00
 No. 80—16 inches Long, Nickel Plated, Assorted Links, with No. 1112 Key Rings..... 2.50
 One Dozen on a Stamped Metal Card.



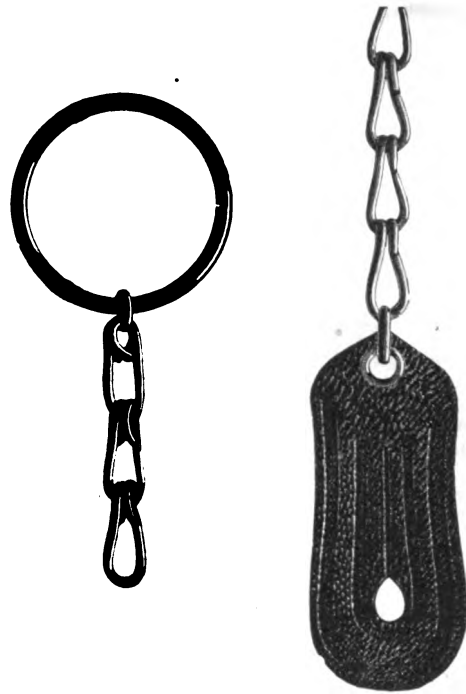
Per Dozen

- No. 3390—18 inches Long, Aluminum, Assorted Styles, with Button Loop and Ring..... \$2.50
 One Dozen Assorted on a Display Card.



Per Dozen

- No. 100—19 inches Long, Aluminum, with Button Loop and Ring \$1.50
 One Dozen on a Display Holder.



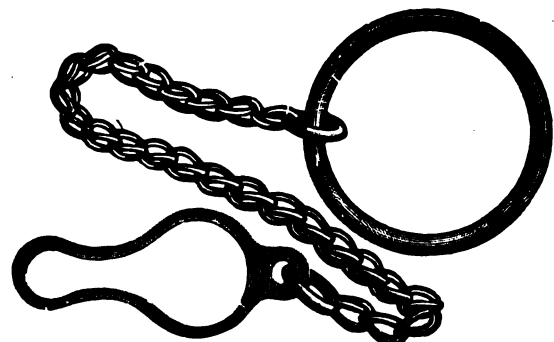
Per Dozen

- No. 3006—18 inches Long, Polished Steel, Assorted Styles, with Ring and Leather Button Tab..... \$1.50
 One Dozen Assorted on a Card.



Per Dozen

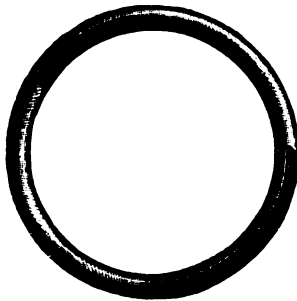
- No. 22—Safety, 20 inches Long, Aluminum, with Ring and Patent Safety Fastener..... \$1.75
 One Dozen on a Card, Three Dozen in a Box.



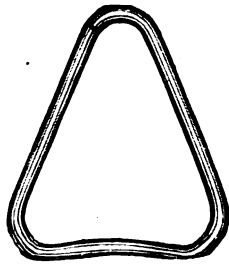
Per Dozen

- No. 70—19 inches Long, Steel, Nickel Plated, with Metal Button Loop and Ring..... \$1.50
 One Dozen in a Package.

KEY RINGS

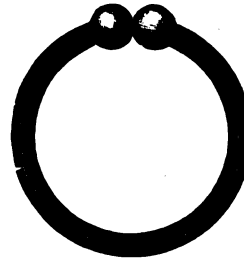


No. 1112.

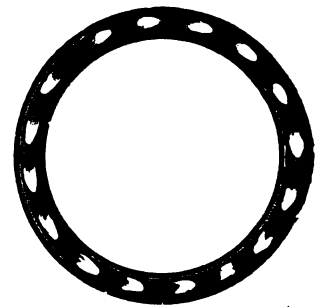


No. 300.

- No. 1112—Round Split, Polished Steel, 1 Dozen Assorted Sizes on a Card.....\$0.40
- No. 300—Triangle Split, Nickel Plated Steel, 1 Dozen of 1 Size Only on a Card..... .75
One Dozen Cards in a Box.

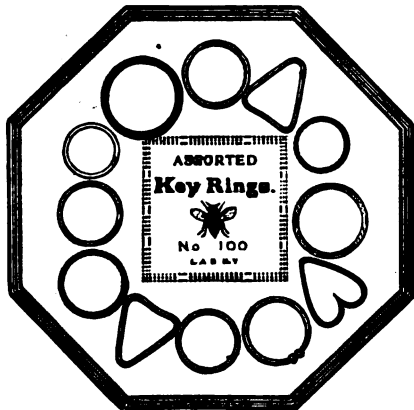


No. 400.

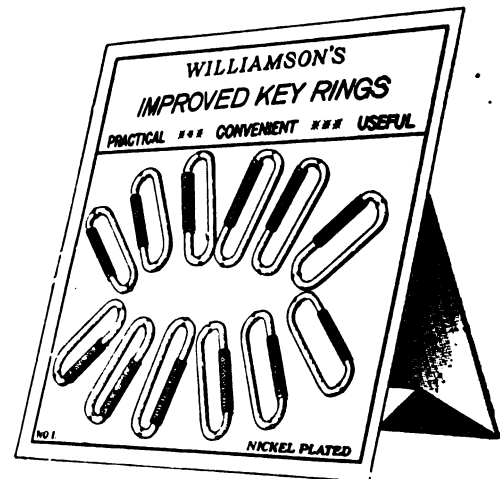


No. 8015.

- No. 400—Ball Ring, Polished Steel, 1 Dozen Assorted Sizes on a Card.....\$1.25
- No. 8015—Octagon Split, Polished Steel, 1 Dozen Assorted Sizes on a Card..... 1.00
One Dozen Cards in a Box.

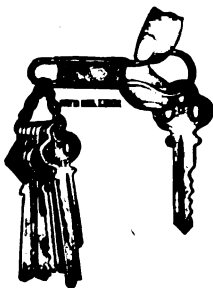


- No. 700—Polished Steel, One Dozen Assorted Styles and Sizes on a Card.....\$1.00
One Dozen Cards in a Box.



- No. 1—Oblong Link, Heavy Steel Wire, Tempered, Handsomely Nickel Plated.....\$1.00
Link is made of Heavy Gauge Stiff Steel Wire, Telescoping Sleeve of Heavy Metal, Knurled and held in position by a strong steel spring.
One Dozen on a Display Card.

KEY RINGS



- No. 25—Individual, Solid Steel, Nickel Plated, Chain Ring, with Locking Loop for Individual Key\$1.50
The only Key Ring ever made which holds one key separate from the rest. A great convenience for a night latch.
One Dozen in a Box.



- No. 3652—Chain, Nickel Plated, Small Attractive Links with Patent Spring Fastener, Can be Readily Used on Either Large or Small Keys.....\$1.25
One Dozen in a Box.

KEY RING HOOKS



- No. 690—Steel, Nickel Plated and Polished\$1.00
Keys can be attached to belt, pocket or waist band of trousers.
One Dozen on a Card.

INGERSOLL WATCHES



"Triumph", 16 Size, Open Face, Stem Wind and Set, Snap Back and Bezel, Antique Bow and Crown, Compressed Figures on Dial.

Each
Nickel Finish \$1.25
Gun Metal Finish 1.35

A brand new Ingersoll, a low priced watch with high priced watch refinements, easy-to-read dial. Recommended to all, especially to outdoor workers.



"The Night and Day Watch."
"Radiolite", 16 Size, Open Face, Stem Wind and Set, Snap Back and Bezel, Heavy Beveled Crystal.

Each
Nickel Finish \$3.00
Gun Metal Finish 3.15

Shows the time night and day. Hands and figures on dial are coated with a luminous substance containing radium which shines in the dark. An ideal under-the-pillow watch.



"Eclipse", Thin Model, 16 Size, Open Face, Stem Wind and Set, Solid Nickel Case, Snap Back and Bezel, Antique Bow and Crown.

Each
Nickel Finish \$3.00
Gun Metal Finish 3.15

Damaskeened movement, plate, special design dial, lever escapement, round balance and quick train, improved wind-er.



"Junior", Thin Model, 12 Size, Open Face, Stem Wind and Set, Damaskeened Movement Plate, Antique Bow and Crown, Red Marginal Dial Figures.

Each
Nickel Finish \$3.50
Gun Metal Finish 3.65

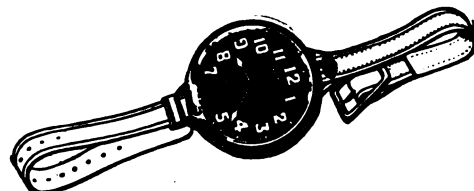
For traveling men, business men and others who prefer this size. A cracker-jack for boys.



"Midget", Ladies' Model, 6 Size, Open Face, Stem Wind and Set, Damaskeened Movement Plate, Short Wind and Long Run.

Each
Nickel Finish \$3.50
Gun Metal Finish 3.65

A splendid watch for girls. Neat looking and a good time keeper. Carried in hand bag when shopping.



"Radiolite" Midget Wrist Watch, 6 Size. A Wrist Watch with the Added Features of "Time at Night without a Light."

Each
Nickel Finish \$4.00
Gun Metal Finish 4.15

Very useful for night watchmen, policemen, hunters, farmers, etc.

All Above, One Dozen in a Box.

ADVERTISING HELPS



No. 12.

Each
No. 12—Show Case, Frame Work is of Oxidized Copper, Double Thick Plate Glass on Top and Four Sides, Black Block Covered Pad for Holding Watches, Lettering is in High Relief in a Sparkling Yellow, Holds 12 Watches. . \$2.00



No. 18 Fixture Free with Any 18 Watches.

Dignified Shadow Background Easel Holding Two Each, Yankee, Triumph, Eclipse, Junior, Midget. For Window or Show Case.



No. 11 Fixture Displaying Art Boxes. Free with Any 12 Watches.

Holds any four in boxes. Use in your window, in show case, and on shelves.



No. 41 Fixture Free with Any 36 Watches.

3 Panel, Brown Tint, Shows One Each Yankee, Triumph, Eclipse, Junior, Midget Wrist and any 11 Others. Stands 20 inches High. Window and Counter.



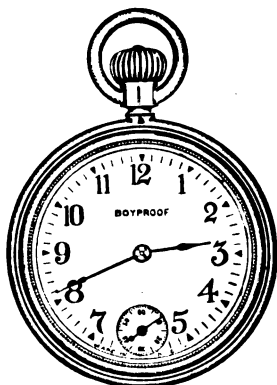
The Ingersoll Guarantee.

Have this Guarantee Sign on Your Counter. It Tells Customers that Ingersolls are Guaranteed by the Manufacturers.

If you haven't a Sign, Write.

WATCHES

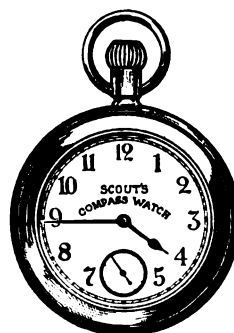
BOYPROOF



Guaranteed for One Year.

Each

Boyproof—16 Size, Open Face, Stem Wind and Set, Double Roller Escapement, Main Spring and Hair-spring are Removable without Taking the Movement Apart, Nickel Plated Case.....\$1.25
A neat, well finished watch. It gets its name from the special double back which protects the movement from dust and prying fingers.



Front View.



Back View.

Each

No. 1—Scouts Compass Watch, Stem Wind and Stem Set, with Compass on Back, Nickel Plated, Fully Guaranteed\$1.25
The original Combination Compass Watch for the Boy Scouts, hunters, fishermen, autoists, travelers, sportsmen, etc.
One Dozen in a Box, with Display Stand.

HIKEMETERS



Front View.



Back View.

A Combined Hikemeter and Compass. Each

No. 2H—Registers 100 Miles or Any Fraction Thereof, Nickel Plated Case\$1.50
Measures the distance you walk and the compass gives you the direction. No winding. Counts every step you take. Carried in pocket like a watch.
One Dozen in a Box.



Seamless Brass Case, Nickel Plated, Bell Metal Gong on Back, Continuous and Intermittent Alarm. Each

The Commuter—One Day Time, 4 1/2 inch Dial, Width 5 1/4 inches, Height 7 1/4 inches, Fitted with Alarm or Silent Switch\$2.75



Seamless Brass Case, Nickel Plated, Bell Metal Gong on Back, Runs and Alarms 8 Days with One Winding. Each

Automatic—8 Day Time, Movement has Steel Pinion and Brass Plates, 4 1/4 inch Arabic Dial, Width 6 inches, Height 7 1/4 inches, with Alarm or Silent Switch\$3.25
The alarm rings (at hour set) until stopped by switch. This switch operates automatically, so clock rings at same hour next morning.

ALARM CLOCKS



Brass Case with Graceful Curved Front, Heavily Nickel Plated, Bell on Back, with a Deep Cheery Tone. Each

No. 2—Sleepmeter, 1 Day Time, 4 inch Dial, Heavy Hands, Width 4 inches, Height 5 inches, with Shut-Off Attachment\$1.50

No. 3—Sleepmeter, Intermittent, Same Construction as No. 2, but 4 1/2 inches Wide and 6 inches High, Bell has a Clear Musical Tone, Rings Intermittently Every 25 Seconds for a 3 1/2 Minute Period, with Shut-Off Attachment\$2.25

One in a Box.



A Big Sturdy Clock, Massive Steel Case, Nickel Plated, Big Comfortable Winding Keys, Detachable Main and Alarm Spring Barrels.

Bingo—One Day Time, Large Figured Dial, Width 4 1/4 inches, Height 6 inches\$2.50

The Intermittent Alarm rings on a deep-toned gong for ten minutes and is quickly silenced by a shut-off switch.

One in a Box.

ALARM CLOCKS



Seamless Brass Case, Rolled Front, Nickel Plated, Bell Metal Gong on Back.

Each

Junior Tattoo—One Day Time, Intermittent, 2 inch Dial, Width 2 1/4 inches, Height 3 inches, Rings Intermittently every 20 seconds for 5 minutes, with Alarm or Silent Switch.....\$2.00



Seamless Brass Case, Rolled Front, Nickel Plated, Bell Metal Gong on Back.

Each

Tattoo—One Day Time, Intermittent, 4 1/8 inch Dial, Width 4 1/2 inches, Height 6 1/4 inches, Rings Intermittently Every 20 Seconds for 15 Minutes, with Alarm or Silent Switch.....\$2.25



Seamless Brass Case, Nickel Plated, 2 1/4 inch Bell on Top, Flush Back.

Each

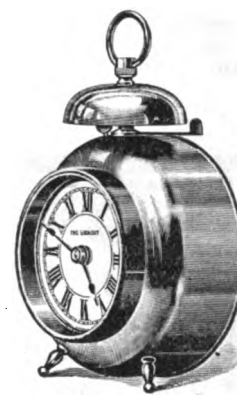
Lark Luminous—One Day Time, 4 inch Luminous Dial, Time can be Seen in a Dark Room, Width 4 1/4 inches, Height 6 1/2 inches, Solid Steel Pallets in Movement\$1.50



Large Nickel Plated Brass Case, Bell on Top, Has a Pleasing Silver-Toned Ring.

Each

Alternating—4 1/2 in. Dial, Height Over All 7 inches, Runs 32 to 36 Hours with One Winding, Rings and Stops Alternately for 15 Minutes at Intervals of 20 Seconds, with Shut-Off...\$1.50

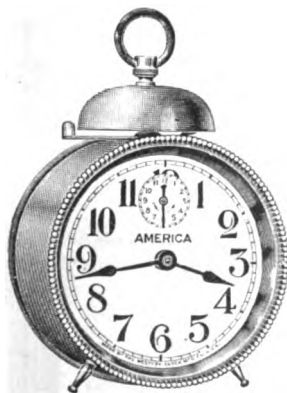


Seamless Brass Curved Case, Bell on Top, a Beautiful and Punctual Time-Keeper.

Lookout—One Day Time, 2 3/4 inch Ivory-White Dial, Diameter at Back 4 inches, Height 6 inches, with Shut-Off.

Each

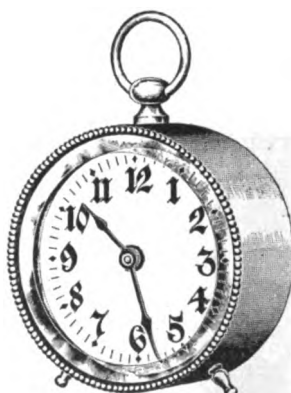
Nickel Plated\$1.35
Polished Brass 1.35



Nickel Plated Case with Beaded Edge, 2 1/4 inch Bell on Top, a Cheerful Looker.

Each

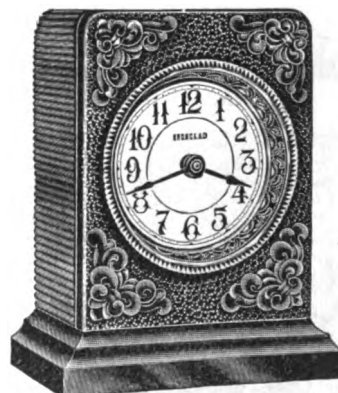
America—One Day Time, 4 inch Dial, 2 1/4 inches Deep, Height 6 inches, Rings Continuously for 15 Seconds until Silenced by Shut-Off Switch.....\$1.00



A Small Time Piece without Alarm, Seamless Brass Case, Polished and Nickel Plated.

Each

La Sallita—One Day Time, 2 inch Ivory Dial, Thick Bevel Plate Glass, 3 inches High, Runs 32 Hours with One Winding, Each in a Round Tin Box\$1.00



Heavy Cast Iron Case, Gun Metal Finish, Concealed Alarm Bell with Shut-Off.

Each

Iron Clad—One Day Time, 2 3/4 inch White Dial, with Knurled Brass Bezel, Height 5 inches, Loud and Clear Continuous Alarm, Will Stand Hard Usage\$1.50

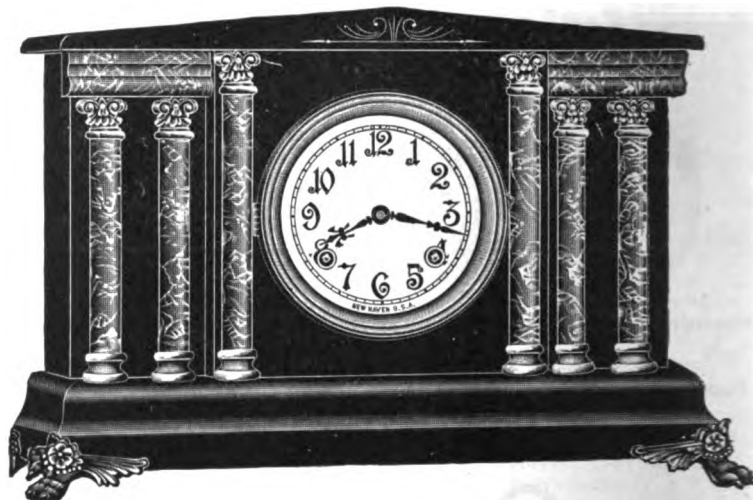
All Above, One in a Box.

WOOD MANTEL CLOCKS

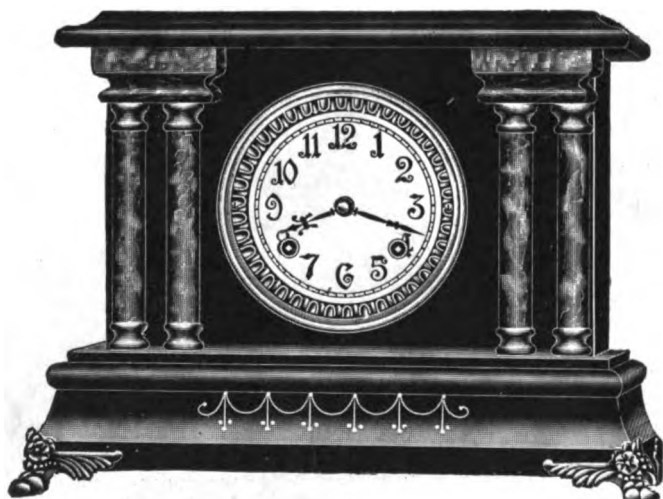
Black Enameled Case, Gilt Trimmings, Marbleized Mouldings and Pillars, 6 inch Ivorine Dial, Eight-Day Time, Half-Hour Strike, Cathedral Gong.



Bingen—Height 10 inches, Width 12½ inches.....^{Each}\$8.00



No. 3451—Height 11¼ inches, Width 16¼ inches....^{Each}\$12.10



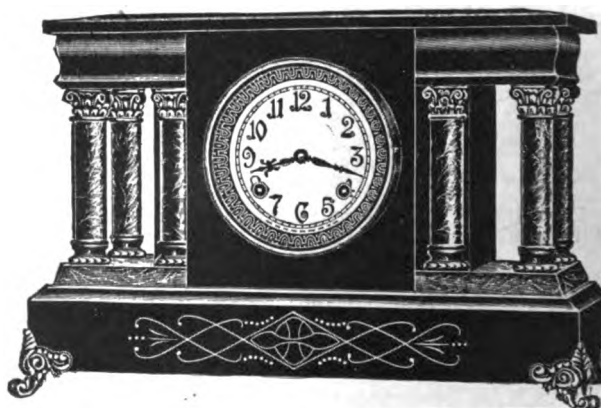
Loring—Height 11½ inches, Width 15½ inches.....^{Each}\$10.60



Ottawa—Height 11¼ inches, Width 16¼ inches.....^{Each}\$12.75



No. 3452—Height 11 inches, Width 17 inches.....^{Each}\$11.50



Woodbridge—Height 11¼ inches, Width 18 inches...^{Each}\$13.75

MAHOGANY CABINET CLOCKS



Mahogany Finished Case. Each
Austro—Height 9 ¼ inches, Width 8 ¼ inches, 6 inch Dial, Bowed Glass, 8 Day, Half Hour Strike, Cathedral Gong. \$9.85



Mahogany Finished Case. Each
Auris—Height 10 ½ inches, Width 8 ¾ inches, 6 inch Dial, Bowed Glass, 8 Day, Half Hour Strike, Cathedral Gong. \$10.15



Mahogany Finished Case. Each
Austell—Height 10 inches, Width 8 inches, 6 inch Dial, Bowed Glass, 8 Day, Half Hour Strike, Cathedral Gong. \$10.60



Mahogany Finished Case. Each
Auston—Height 10 ¼ inches, Width 8 ¾ inches, 6 inch Dial, Bowed Glass, 8 Day, Half Hour Strike, Cathedral Gong. \$10.15



Genuine Mahogany Case. Each
Tuxford—Height 10 ½ inches, Width 6 ¾ inches, 4 inch Dial, Rack and Snail Movement, Half Hour Strike. \$33.35



Genuine Mahogany Case. Each
Theta—Height 13 inches, Width 9 inches, 7 inch Dial, Rack and Snail Movement, Half Hour Strike. \$37.25



Mahogany Finished Case. Each
Green—Height 6 ¾ inches, Width 7 ¾ inches, 4 ½ inch Dial, One Day Intermittent Alarm, with Shut-Off Switch. \$5.60



Mahogany Finished Case. Each
Garcia—Height 6 ¾ inches, Width 13 inches, 4 ½ inch Dial, One Day Intermittent Alarm, with Shut-Off Switch. \$5.60



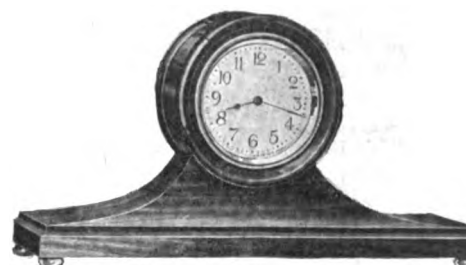
Mahogany Finished Case. Each
Garfield—Height 6 ½ inches, Width 13 inches, 4 ½ inch Dial, One Day Intermittent Alarm, with Shut-Off Switch. \$5.60



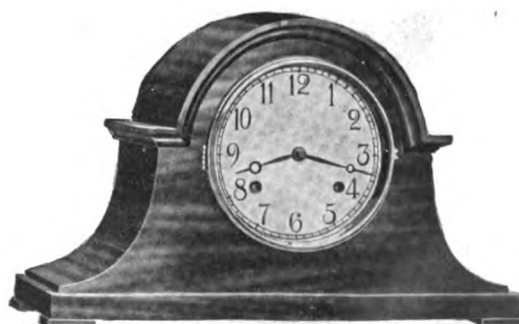
Genuine Mahogany Case. Each
Quale—Height 6 ½ inches, Width 12 ¾ inches, 3 ½ inch Porcelain Dial, 8 Day Time Lever Movement. \$11.30



Genuine Mahogany Case. Each
No. 53-OVAL—Height 6 ¾ inches, Width 12 inches, 3 ½ inch Dial, 8 Day Time Lever Movement. \$11.60



Genuine Mahogany Case. Each
Quinby—Height 7 ¾ inches, Width 13 ¼ inches, 3 ½ inch Dial, 8 Day Time Lever Movement. \$13.80



Mahogany Finished Case. Each
Author—Height 9 inches, Width 14 ½ inches, 6 inch Dial, Bowed Glass, 8 Day, Half Hour Strike, Cathedral Gong. \$13.00

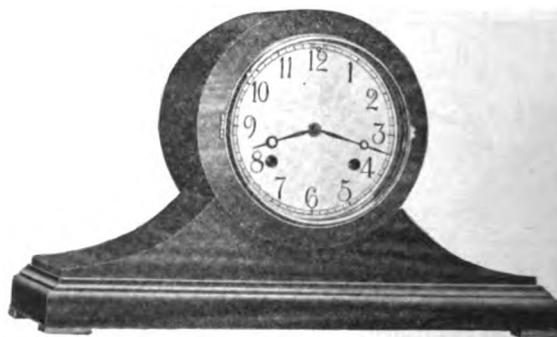
MAHOGANY CABINET CLOCKS



Mahogany Finished Case.

Each

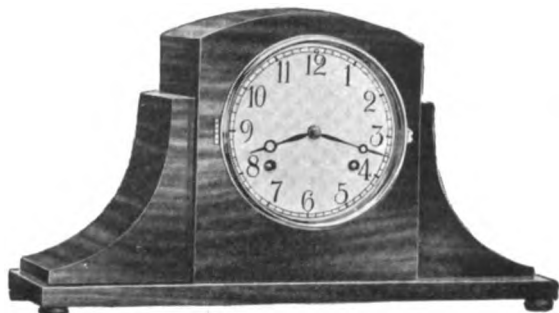
- No. 16—Tambour, Height 9 inches, Width 18 inches,
6 inch Dial, Bowed Glass, 8 Day, Half Hour Strike,
Cathedral Gong\$13.00



Mahogany Finished Case.

Each

- No. 17—Tambour, Height 9½ inches, Width 15½
inches, 6 inch Dial, Bowed Glass, 8 Day, Half Hour
Strike, Cathedral Gong.....\$13.00



Mahogany Finished Case.

Each

- Ausprey—Height 8¾ inches, Width 15¾ inches, 6
inch Dial, Bowed Glass, 8 Day, Half Hour Strike,
Cathedral Gong\$13.00



Mahogany Finished Case.

Each

- No. 18—Tambour, Height 10 inches, Width 22 inches,
6 inch Dial, Bowed Glass, 8 Day, Half Hour Strike,
Cathedral Gong\$18.25



Genuine Mahogany Case.

Each

- No. 55—Jacobean, Height 6½ inches, Width
13½ inches, 3½ inch Dial, 8 Day Time
Lever Movement\$15.25



Genuine Mahogany Case, Cathedral Gong.

Each

- No. 2—Tambour, Height 11½ inches, Width 24 inches,
7 inch Porcelain Dial, Rack and Snail Move-
ment, Half Hour Strike.....\$50.00

Genuine Mahogany Case.

Each

- No. 15—Tambour,
Height 12½ inches,
Width 29½ inches,
7½ inch Silver Dial,
Rack and Snail
Movement, Half
Hour Strike.....\$58.00

Genuine Mahogany Case.

Each

- No. 2—Willis Hanging, Height
17¾ inches, Width 5 inches,
Porcelain Dial, 8 Day Time
Lever Movement\$11.30



No. 2—Willis.

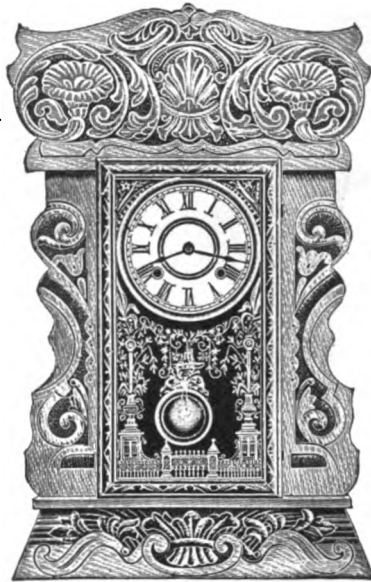


WOOD MANTEL CLOCKS

MERCHANTS' LINE



Pattern No. 1.



Pattern No. 2.



Pattern No. 3.

All Oak, Assorted Patterns, 8-Day Time, Height 23 inches, Width 15 inches, 6 inch Dials.

	Each		Each
No. 5 —Half Hour Strike, Any Pattern	\$5.50	No. 5G —Half Hour Gong, Any Pattern	\$5.95
No. 5A—Half Hour Strike Alarm, Any Pattern.....	5.95	No. 5GA—Half Hour Gong Alarm, Any Pattern.....	6.40
No. 10 Assortment—6 Clocks, 2 of Each Pattern, 8-Day, Half Hour Strike			Per Assortment
No. 20 Assortment—6 Clocks, 2 of Each Pattern, 8-Day, Half Hour Strike, with Alarm			\$27.80
No. 30 Assortment—6 Clocks, 2 of Each Pattern, 8-Day, Half Hour Strike, with Gong			30.34
No. 40 Assortment—6 Clocks, 2 of Each Pattern, 8-Day, Half Hour Strike, with Gong Alarm			30.34
			32.86
One Assortment in a Case.			

MERSEY LINE



Pattern A.



Pattern B.



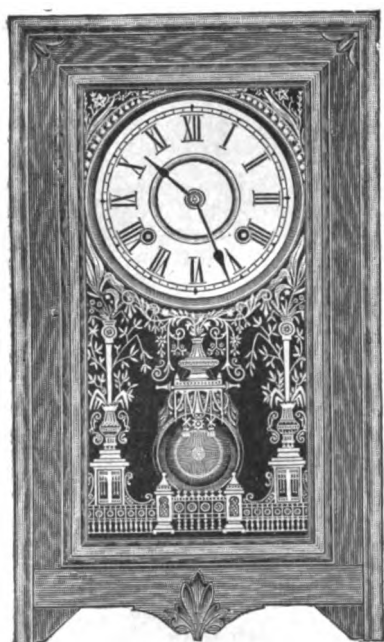
Pattern C.

Solid Oak or Walnut, Assorted Patterns, 8-Day Time, Height 23 inches, Width 14 inches, 6 inch Dials.

	Each		Each
No. 6 —Half Hour Strike, Any Pattern	\$6.50	No. G—Half Hour Gong, Any Pattern	\$6.95
No. 6A—Half Hour Strike, Alarm, Any Pattern	6.95	No. 6GA—Half Hour Gong, Alarm, Any Pattern	7.40
No. 50 Assortment—6 Clocks, All 8-Day Strike, Any Pattern.....			Per Case of Six
No. 60 Assortment—6 Clocks, All 8-Day Strike, Alarm, Any Pattern			\$33.06
No. 70 Assortment—6 Clocks, All 8-Day Strike, Gong, Any Pattern			35.38
No. 80 Assortment—6 Clocks, All 8-Day Strike, Gong, Alarm, Any Pattern			35.38
			37.92

Six in a Case.

WOOD CLOCKS



Mantel Clock, Solid Oak Case.

Each

Gypsy — Height 18 $\frac{3}{4}$ inches,
Width 9 $\frac{3}{4}$ inches, 8-Day,
Half Hour Strike, 6 inch
Dial \$4.35



Mantel Clock, Solid Oak Case.

Each

Mirror — Height 24 $\frac{1}{4}$ inches,
Width 16 $\frac{1}{2}$ inches, 8-Day,
Half Hour Strike, 6 inch Dial,
Has Mirrors in Side Panels. . \$4.65



Mantel Clock, Solid Oak Case, 8-Day Time, Half Hour Strike.

Each

Duchess — Height 18 $\frac{1}{4}$ inches,
Width 12 inches, 6 inch Dial. \$6.10
With Cathedral Gong..... 6.55
With Alarm Extra, .45



Mantel Clock, Solid Oak Case, Fitted with Calendar, Thermometer and Barometer.

Each

Conroy — Height 25 inches, Width
15 $\frac{1}{2}$ inches, 8-Day, Half
Hour Strike \$5.55



Mantel Clock, Solid Oak Case, 8-Day Time, Half Hour Strike.

Each

Occidental — Height 24 inches,
Width 16 $\frac{1}{2}$ inches, 6 inch
Dial \$10.40
With Cathedral Gong..... 10.85
With Alarm Extra, .45

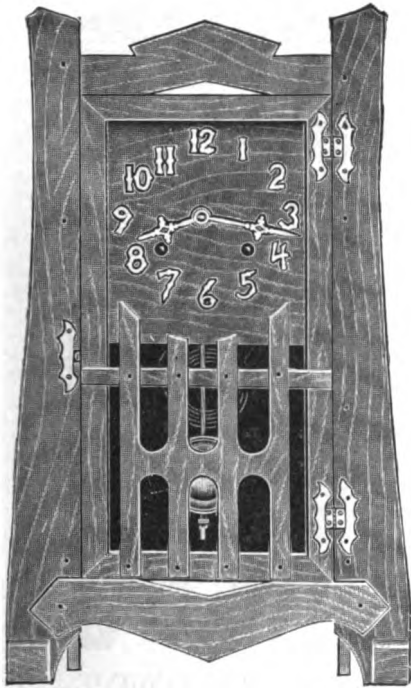


Hanging Clock, Dark Wood Case, 8-Day, Half Hour Strike.

Each

Cuba — Height 25 $\frac{3}{4}$ inches, Width
12 $\frac{3}{4}$ inches, 6 inch Dial.... \$5.80
With Alarm Extra, .45
With Cathedral Gong..... Extra, .45

WOOD CLOCKS



Mantel Clock, Solid Oak Case, Flemish Finish.

Each

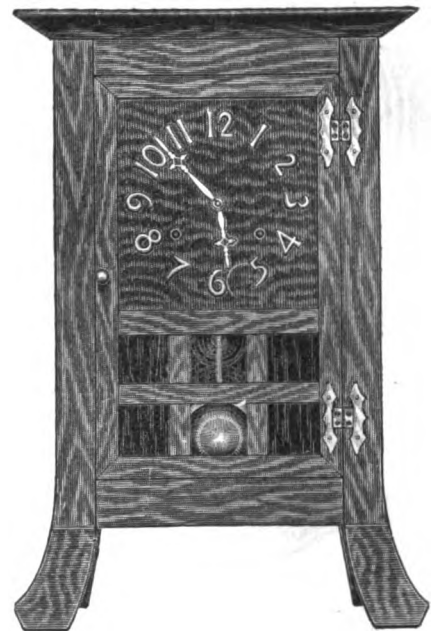
San Jose—Height 20½ inches,
Width 12 inches, 6 inch
Wood Dial, Cast Numerals,
Fancy Brass Hands, 8-Day,
Half Hour Strike, Cathedral
Gong\$6.05



Mantel Clock, Solid Oak Case, Flemish Finish.

Each

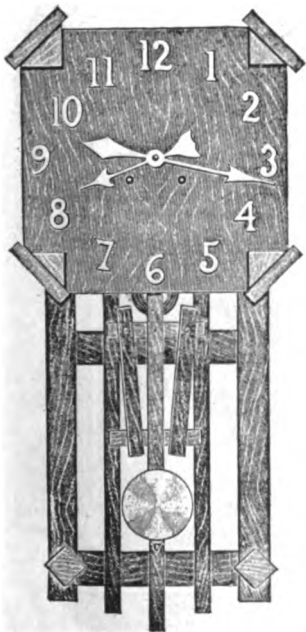
Los Alamos—Height 14¼ inches,
Width 11¼ inches, 6 inch
Wood Dial, Cast Numerals,
Fancy Brass Hands, 8-Day,
Half Hour Strike, Cathedral
Gong\$8.40



Mantel Clock, Solid Oak Case, Flemish Finish.

Each

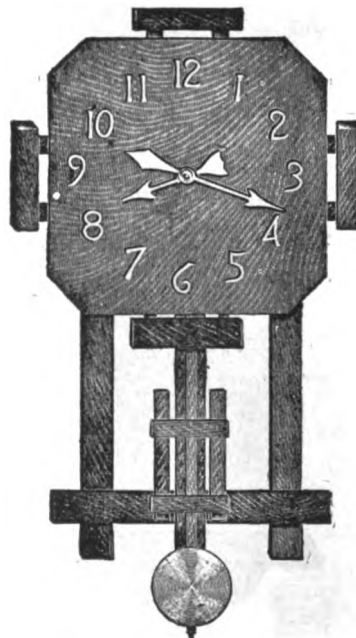
San Pedro—Height 19 inches,
Width 12½ inches, 6 inch
Wood Dial, Cast Numerals,
Fancy Brass Hands, 8-Day,
Half Hour Strike, Cathedral
Gong\$8.40



Spanish Mission Hanging, Oak Case.

Each

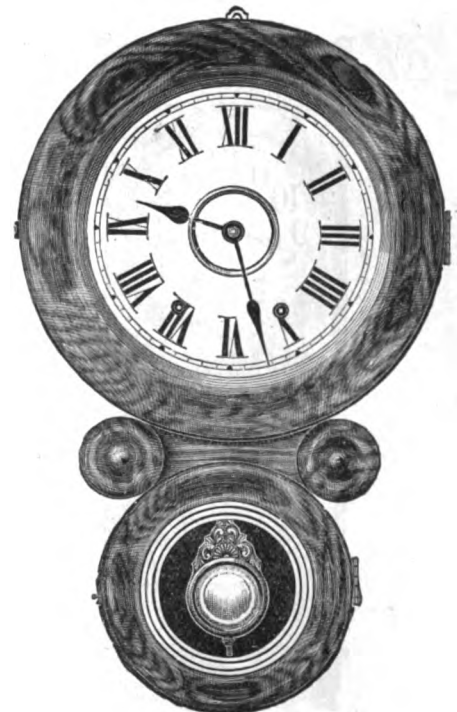
No. 2907 — Height 30 inches,
Width 14½ inches, 12½ inch
Dial, Brass Hands and Fig-
ures, 8-Day, Half Hour
Strike, Cathedral Gong.....\$9.30



Spanish Mission Hanging, Oak Case.

Each

Madrid — Height 27½ inches,
Width 15½ inches, 12½ inch
Dial, Brass Hands and Fig-
ures, 8-Day, Half Hour
Strike, Cathedral Gong.....\$9.30



"SAXON" Hanging, Rose or Mosaic Veneer Case, Height 18¼ inches, Width 11½ inches.

Dial, Inches	8	10
Each	\$8.75	9.15
With Cathedral Gong Attach- ment	Each Extra,	\$1.00

OFFICE CLOCKS



BRANFORD HANGING

Solid Oak Case, Height 22 $\frac{3}{4}$ inches,
Width 15 inches. Each

No. 100—8-Day Time, 10 inch Dial	\$8.00
No. 101—8-Day Time, 10 inch Dial with Calendar Attachment	8.45
No. 102—8-Day Time, 12 inch Dial	8.75
No. 103—8-Day Time, 12 inch Dial, with Calendar Attachment	9.20



ERIE REGULATOR HANGING

Solid Oak Case, Antique Finish, Height
33 $\frac{1}{2}$ inches, Width 18 $\frac{1}{2}$ inches,
12 inch Dial. Each

No. 104—8-Day Time	\$ 9.00
No. 105—8-Day Time, with Calendar Attachment	9.45
No. 106—8-Day Strike, Cathedral Gong	10.50
No. 107—Same as No. 106, with Calendar Attachment	10.95



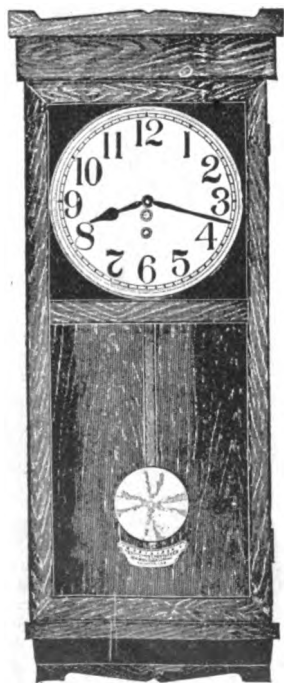
REFEREE HANGING

Solid Oak Case, Height 35 $\frac{1}{4}$ inches,
Width 16 inches, 12 inch Dial. Each

No. 108—8-Day Time	\$ 9.60
No. 109—8-Day Time, Cathedral Gong	11.10

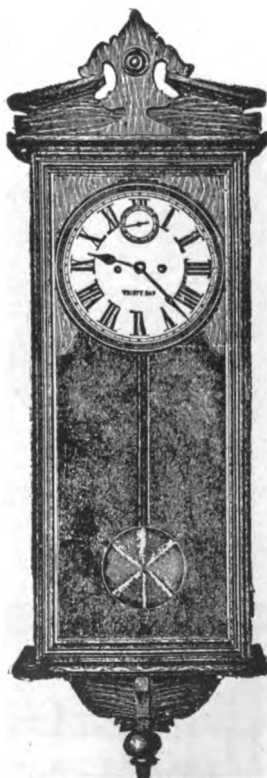
STORE, OFFICE AND

FACTORY CLOCKS



Solid Oak Case, Height 42 inches, Width
16 $\frac{3}{4}$ inches, 12 inch Dial. Each

No. 3043—8-Day Time Only	\$13.00
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"Vamoose," Solid Oak Case, Height 45
inches, Width 15 $\frac{1}{4}$ inches, 10
inch Dial. Each

No. 115—8-Day Time	\$16.70
No. 116—8-Day Time, Cathedral Gong	18.20
No. 117—30-Day Time, with Second Hand	18.90



"Saturn," Solid Oak Case, Height 34 $\frac{3}{4}$
inches, Width 15 $\frac{1}{4}$ inches,
12 inch Dial. Each

No. 118—8-Day Spring Time	\$20.25
No. 119—8-Day Special Weight Movement with Retaining Power	28.25

DEPARTMENT NO. 9

BLANK BOOKS AND OFFICE SUPPLIES

LETTER FILES AND CLIPS, PAPER FASTENERS,
DESK AND WASTE PAPER BASKETS, STRING
TAGS, SHIPPING TAGS, GUMMED LABELS, LEAD
PENCILS, SLATE PENCILS, CRAYONS, PEN
HOLDERS, FOUNTAIN PENS, STEEL PENS,
WRITING INK, MUCILAGE, PASTE, INK STANDS,
ETC., ETC.

Wm. Frankfurth Hardware Co.

MILWAUKEE

BLANK BOOK RULINGS

RECORD

A blank ledger page with horizontal ruling. It features three vertical columns: a wide left column, a narrow middle column, and a wide right column.

JOURNAL, UNITS

A blank ledger page with horizontal ruling. It features two vertical columns: a wide left column and a wide right column.

JOURNAL, NO UNITS

A blank ledger page with horizontal ruling. It features three vertical columns: a wide left column, a narrow middle column, and a wide right column.

THREE COLUMN JOURNAL, UNITS

A blank ledger page with horizontal ruling. It features three vertical columns: a wide left column, a narrow middle column, and a wide right column.

D. E. LEDGER, NO UNITS

A blank ledger page with horizontal ruling. It features four vertical columns: a wide left column, two narrow middle columns, and a wide right column.

FOUR COLUMN JOURNAL, UNITS

A blank ledger page with horizontal ruling. It features four vertical columns: a wide left column, two narrow middle columns, and a wide right column.

D. E. LEDGER, UNITS

A blank ledger page with horizontal ruling. It features four vertical columns: a wide left column, two narrow middle columns, and a wide right column.

6 COLUMN JOURNAL, UNITS

A blank ledger page with horizontal ruling. It features six vertical columns: a wide left column, four narrow middle columns, and a wide right column.

ESANBE LOOSE LEAF LEDGER OUTFITS



Round Steel Back, Metal Hinges.

The Esanbe Ledger is designed to meet the demand for a durable Low Priced Loose Leaf Ledger, in sizes suitable to the requirements of various lines of business.

Construction—The mechanism is made entirely of steel. The frame consists of three pieces of pressed steel. The back is formed round with peculiar ends which form housings for the sliding side members, thus making a frame of great rigidity with minimum weight.

The Mechanism is simple, a center screw shaft securely anchored to the back and operated from the end by a detachable key, controls the expansion thereby tightening or loosening the sheets.

Capacity—1½ inch back, will hold from 250 to 400 sheets, with index.

Posts—Four Alternating Telescope Posts ⅜ inch diameter, Standard Centers.

Binding—The Covers are made of double boards, round corners with metal hinges and bound in Corduroy with Red cowhide back and corners gold tooled.

Indexes—The Indexes are of a good grade of Buff Linen Ledger Paper with Leathered Tabs.

Sheets—The Sheets are made of a good grade of Linen Ledger Paper, Two Styles of Ruling, Form A and Form B. (Order by Form Number.)

STYLES OF RULING

Sheet No. _____				Account No. _____			
RATING BUSINESS				NAME ADDRESS			
DATE	ITEMS	DEBITS	CREDITS	DATE	ITEMS	DEBITS	CREDITS
RULING FORM - B.							

Style B.

Sheet No. _____				Account No. _____			
RATING BUSINESS				NAME ADDRESS			
DATE	ITEMS	DEBITS	CREDITS	DATE	ITEMS	DEBITS	CREDITS
RULING FORM - A.							

Style A.

Outfit No. 395—Size of Sheet 7½x10½ inches.
Book Complete with Binder, 250 Sheets and Index.

No. 395A—Double Entry Ruling.....	Each \$17.50
No. 395B—Extra Debit Ruling.....	17.50
Weight Each About 7 Pounds.	

Outfit No. 396—Size of Sheet 9¼x11½ inches.
Book Complete with Binder, 250 Sheets and Index.

No. 396A—Double Entry Ruling.....	Each \$19.65
No. 396B—Extra Debit Ruling.....	19.65

Individual Parts, Priced Separately.
Sheets Only.

No. 1395A—7½x10½ inches, Wt. Per 1000 12 Lbs..	\$18.40	Per 1000
No. 1395B—7½x10½ inches, Wt. Per 1000 12 Lbs..	18.40	
No. 1396A—9¼x11½ inches, Wt. Per 1000 18 Lbs..	19.65	
No. 1396B—9¼x11½ inches, Wt. Per 1000 18 Lbs..	19.65	

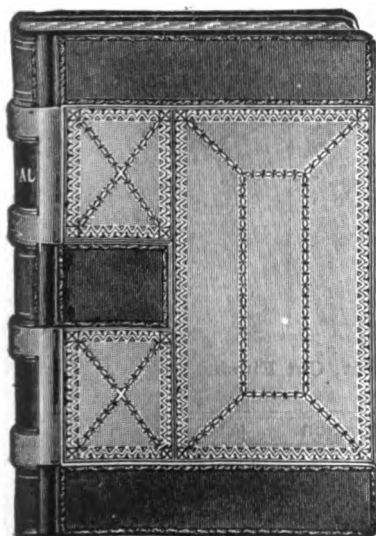
Indexes Only.

No. 2395—7½x10½ inches	Each \$1.75
No. 2396—9¼x11½ inches	2.00

Transfer Binders.

Full Canvas, Leather Corners, with End Locking Device.

No. 3395—Holds 7½x10½ inch Sheets, Wt. Each 3 Lbs..	Each \$4.50
No. 3396—Holds 9¼x11½ inch Sheets, Wt. Each 3 Lbs..	5.00



No. 30—12x16¼ inches Outside Dimensions, Westlock Ledger Paper, Demy Folio, Full Sheep Bound, Russia Ends and Bands with Hubs, Units, Journal Two and Three Columns, Ledger Assorted Accounts and Ledger All One Account, All Ledgers without Indexes.

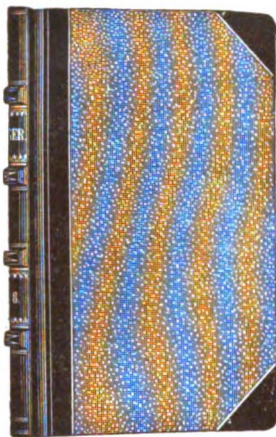
Pages ..	400	600	800
Each ..	\$22.50	25.75	34.15



No. 130—10x14¼ inches Outside Dimensions, Westlock Ledger Paper, Crown Folio, Full Sheep Bound, Russia Ends and Bands with Hubs, Units, Journal Two and Three Columns, Ledgers Assorted Accounts, Indexed, Ledgers All One Account, Indexed, Record with Margin Line.

Pages	300	400
Each	\$10.50	11.90
Pages	500	600
Each	\$13.25	14.65

BLANK BOOKS



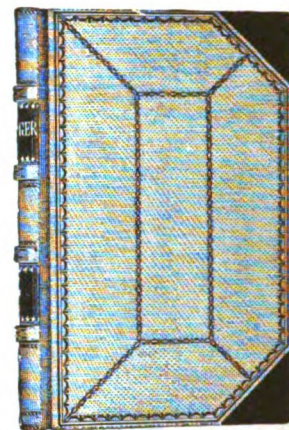
No. 170—9 1/4 x 14 1/4 inches Outside Dimensions, Fine Grade Paper, Crown Folio, Black Cloth Sides, Black Russia Back and Corners with Hubs, Units, Journal Two and Three Columns, Ledger Assorted Accounts, Indexed, Ledger All One Account, Indexed, Record with Marginal Line.

Pages... 200 300 400 500 600
Each... \$2.50 3.40 3.85 4.50 5.15



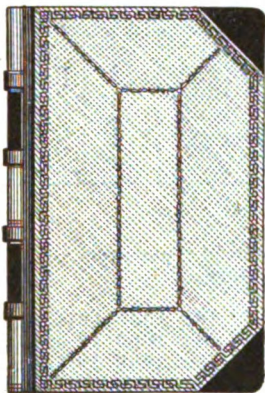
No. 165—9 5/8 x 14 1/4 inches Outside Dimensions, Standard Ledger Paper, Crown Folio, Black Cloth Sides, Russia Back and Corners, Spring Back, Hubs, Units, Journals Two, Three and Four Columns, Ledger Assorted Accounts, Indexed, Ledger All One Account, Indexed Record with Marginal Line.

Pages... 200 300 400 500 600
Each... \$5.40 6.90 7.40 8.25 9.25



No. 145—9 1/2 x 14 1/4 inches Outside Dimensions, Good Grade Paper, Crown Folio, Full Duck Bound, Russia Corners, Heavily Bound Spring Back with Hubs, Units, Journal Two Columns, Ledger Assorted Accounts, Indexed, 8x17 1/4 inch Long Day.

Pages... 300 400 500 600 800
Each... \$4.15 4.75 5.40 5.90 7.15

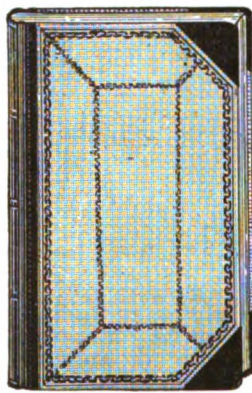


No. 069—Good Grade Paper, Crown Folio, Full Duck Bound, Russia Corners, Spring Back and Hubs.

Each

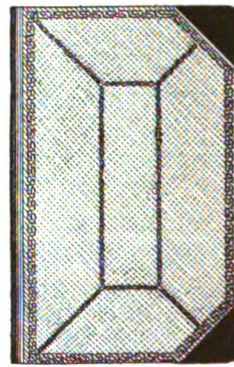
Journals—9 1/4 x 14 1/4 inches Outside Dimensions, 500 Pages, no Units \$4.75

Long Day—8x17 1/4 inches, Outside Dimensions, 500 Pages, no Units 4.75



No. 180—8 1/4 x 12 5/8 inches Outside Dimensions, Good Paper, Cap Folio, Slate Duck Sides, Russia Back and Corners, Journal, Ledgers, S. E. Ledgers, Records and Long Days.

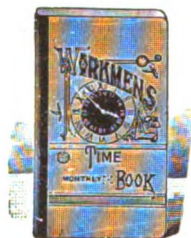
Pages 150 200 300
Each \$1.90 2.15 2.50
Pages 400 500 600
Each \$3.00 3.50 4.00



No. 181—8x12 3/4 inches Outside Dimensions, Fair Paper, Cap Folio, Slate Duck Sides, Russia Corners, Journals, Ledgers, Records and Long Days.

Pages 100 150 200 300
Each \$0.85 1.00 1.35 1.65
Pages 400 500 600
Each \$2.00 2.35 2.70

TIME BOOKS



No. 587.

Press Board Cover.

Nos.	Size, In.	Description	Leaves	Per Dozen
589	4 1/8 x 6 3/4	Weekly	24	\$1.25
605	4 1/8 x 6 3/4	Two Weekly	24	1.25
587	4 1/8 x 6 3/4	Monthly	24	1.25

Stiff Full Slate Duck Cover.

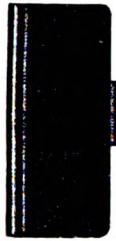
Nos.	Size, In.	Description	Leaves	Per Dozen
596	4 1/8 x 6 3/4	Weekly	40	\$2.75
596 1/2	4 1/8 x 6 3/4	Two Weekly	40	2.75
596 3/4	4 1/8 x 6 3/4	Monthly	40	2.75



Stiff Sheep Cover, Cut Flush.

Nos.	Size, In.	Description	Leaves	Per Dozen
602	4 1/8 x 6 3/4	Weekly	56	\$7.40
606	4 1/8 x 6 3/4	Two Weekly	56	7.40
610	4 1/8 x 6 3/4	Monthly	56	7.40
616	4 3/4 x 7 3/8	Weekly	56	10.65
618	4 3/4 x 7 3/8	Monthly	56	10.65

COUNTER ORDER BOOKS



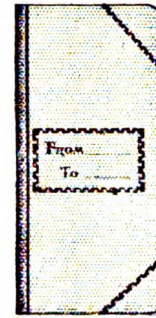
Black Waterproof Cloth, Stiff Cover,
Fair Paper, Dollars and Cents
Ruling, Pencil Loop.

No. 1974—3 $\frac{3}{4}$ x 8 $\frac{5}{8}$ inches, 144
Leaves Per Dozen \$6.50



Stiff Canvas Cover, Turned in Edge,
White Paper, Dollars and Cents
Ruling, Pencil Loop.

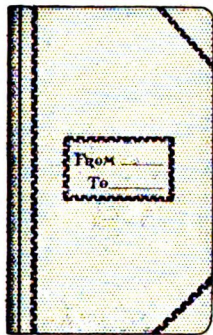
No. 2149—3 $\frac{1}{2}$ x 8 $\frac{1}{2}$ inches, 96
Leaves Per Dozen \$4.90
No. 2156—4 x 9 $\frac{1}{2}$ inches, 80
Leaves 6.15



Flexible Press Board Covers.

Manila Paper.

No. 13 $\frac{1}{2}$ —5 $\frac{1}{4}$ x 11 $\frac{1}{2}$ inches, 180
Pages Per Dozen \$2.28



Flexible Press Board Cover.

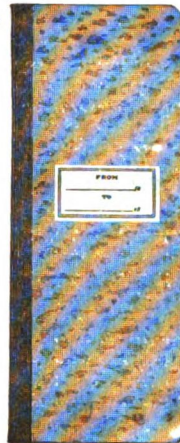
Manila Paper.

No. 16 $\frac{1}{2}$ —7 $\frac{1}{4}$ x 11 $\frac{1}{2}$ inches, 180
Pages Per Dozen \$4.32

Flexible Duckline Cover.

White Paper.

No. 248—7 $\frac{1}{4}$ x 11 $\frac{1}{2}$ inches, 144
Pages Per Dozen \$4.68



Flexible Press Board Cover.

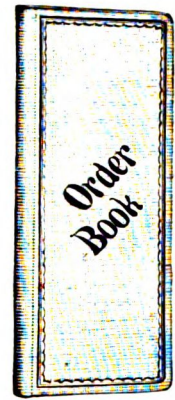
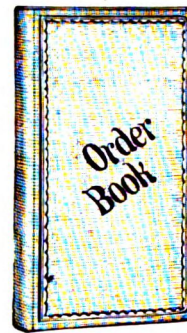
Manila Paper.

No. 17 $\frac{1}{2}$ —5 $\frac{3}{4}$ x 14 $\frac{1}{2}$ inches, 180
Pages Per Dozen \$4.32

Flexible Duckline Cover.

White Paper.

No. 249—5 $\frac{3}{4}$ x 14 $\frac{1}{2}$ inches, 144
Pages Per Dozen \$4.68

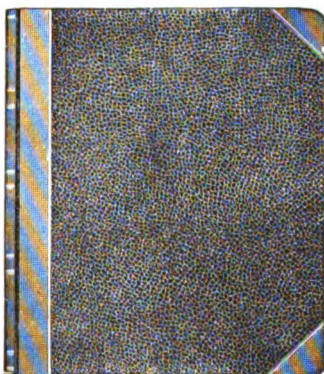


Nos. 215 and 219. Nos. 214 and 217.
Heavy Full Canvas Cover.

Manila Paper.

No. 214—6x15 inches, 500
Pages Per Dozen \$12.90
No. 215—7 $\frac{1}{2}$ x 12 inches, 500
Pages 12.90
No. 217—6x15 inches, 400
Pages Per Dozen \$22.50
No. 219—7 $\frac{1}{2}$ x 12 inches, 400
Pages 22.50

LETTER COPYING BOOKS



Strong Manila Paper, Heavy Duck Cover, Extension Index.

No. 5X—10x12 inches, 500 Pages. Each \$2.65
No. 9X—10x12 inches, 1000 Pages. 4.00

Silk Finish White Paper, Sheep Back and Corners, Black Cloth
Sides, Extension Index.

No. 350—10x12 inches, 500 Pages. Each \$3.75
No. 390—10x12 inches, 1000 Pages. 5.65

FIGURING TABLETS

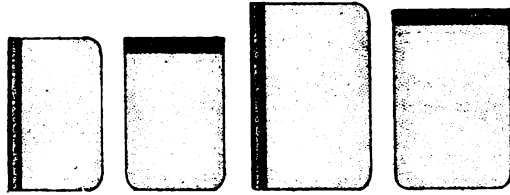


Hard White Calendar Paper, Engine Sized, Bound at Top,
Suitable for Pencil Use.

Nos.	101	102	103	104	105
Inches	2 $\frac{1}{4}$ x 4	3 x 4 $\frac{3}{4}$	3 $\frac{1}{2}$ x 6	4 x 6 $\frac{5}{8}$	4 $\frac{1}{2}$ x 7
Per 100	\$2.40	3.65	4.75	6.80	8.25
Per Dozen	.33	.50	.68	.93	1.25

Nos.	106	107	108	109
Inches	5x8	5 $\frac{1}{2}$ x 9	8x10	8x12
Per 100	\$9.78	12.75	17.00	19.50
Per Dozen	1.50	1.90	2.50	2.90

MEMORANDUM BOOKS



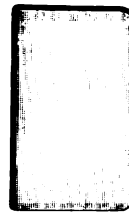
No. 1132. No. 1132½. No. 1138. No. 1136½.

Good Grade Paper, Extra Quality Plain Red Press Board, Cloth Back.

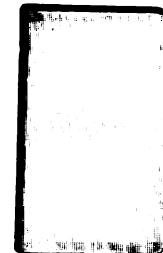
Nos.	Size, In.	Description	Leaves	Per Dozen
170	3 x 4 ½	\$ and c, Side Opening.	20	\$0.62
172P	3 ½ x 5 ½	\$ and c, Side Opening.	20	.75
174P	4 ½ x 6 ½	\$ and c, Side Opening.	20	1.00
175 ¾ P	4 ½ x 7 ½	\$ and c, Side Opening.	40	1.65

Heavy Grade Paper.

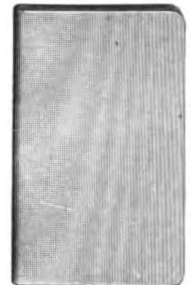
1132	3 ½ x 6	\$ and c, Side Opening.	50	\$1.36
1132½	3 ½ x 6	\$ and c, End Opening.	50	1.36
1136	4 ½ x 6 ½	\$ and c, Side Opening.	50	1.50
1136½	4 ½ x 6 ½	\$ and c, End Opening.	50	1.50
1138	4 ½ x 7 ½	\$ and c, Side Opening.	50	2.10



No. 6316.



No. 6322.



No. 6328.

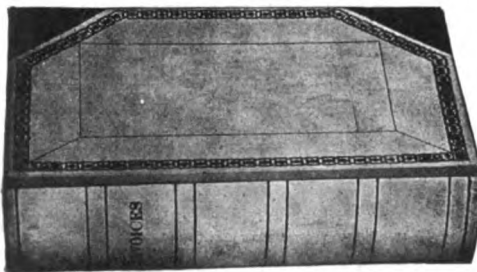
Good Heavy Paper, Imitation Sheep Cover, Heavy Boards.

Nos.	Size, In.	Description	Leaves	Per Dozen
6316	4 ½ x 6 ½	\$ and c Ruling.....	48	\$5.00
6318	4 ½ x 6 ½	\$ and c Ruling.....	96	6.25
6322	4 ½ x 7 ½	\$ and c Ruling.....	48	6.00
6324	4 ½ x 7 ½	\$ and c Ruling.....	96	7.65
6326	4 ½ x 7 ½	\$ and c Ruling.....	144	8.40
6328	5 ½ x 8 ½	\$ and c Ruling.....	48	8.65
6330	5 ½ x 8 ½	\$ and c Ruling.....	96	10.40
6332	5 ½ x 8 ½	\$ and c Ruling.....	144	13.40

Good Quality Heavy Paper, Imitation Sheep Cover, Heavy Boards, Indexed Thoroughout.

Nos.	Size, In.	Description	Leaves	Per Dozen
6316½	4 ½ x 6 ½	\$ and c Ruling.....	48	\$5.65
6318½	4 ½ x 6 ½	\$ and c Ruling.....	96	7.25
6322½	4 ½ x 7 ½	\$ and c Ruling.....	48	6.63
6324½	4 ½ x 7 ½	\$ and c Ruling.....	96	8.63

Nos.	Size, In.	Description	Leaves	Per Dozen
6326½	4 ½ x 7 ½	\$ and c Ruling.....	144	\$10.63
6328½	5 ½ x 8 ½	\$ and c Ruling.....	48	9.25
6330½	5 ½ x 8 ½	\$ and c Ruling.....	96	11.25
6332½	5 ½ x 8 ½	\$ and c Ruling.....	144	14.83



INVOICE BOOKS

Heavy Manilla Paper, Full Canvas Bound, Leather Corners, Paged and Indexed.

Nos.	201	501	502	503
Size, Inches	11 ½ x 16 ½	12 ¾ x 18 ½	12 ¾ x 18 ½	12 ¾ x 18 ½
Pages	240	350	480	480
Each	\$3.64	5.00	6.50	7.90

RECEIPTS

To _____
 For _____
 \$ _____
 Dollars
 Date _____
 By _____

Good Grade Paper.

Nos.	725	794	794½	771
Size, Inches.....	3 ¼ x 11	2 ¾ x 7 ½	2 ¾ x 7 ½	2 ½ x 6 ¾
Leaves	100	100	50	50
Per Dozen	\$5.40	8.00	1.90	1.40

Bond Paper.

Per Dozen

No. 736—3 ¼ x 11 inches, 100 Leaves.....\$6.65

PACKAGE RECEIPTS

Good Grade Paper.

Per Dozen

No. 10—3 ¾ x 5 ¾ inches, Oblong Shape, Full Duck Binding, 100 Sheets, Each Sheet Printed on Both Sides, Making 200 Receipts.....\$2.50

NOTES

\$ _____
 To _____
 For _____
 Date _____
 Time _____
 Due _____
 At _____
 Value received _____

Bond Paper.

Per Dozen

No. 536 —3 ¼ x 11 inches, 100 Leaves\$6.65
 No. 536E—5 ¼ x 11 inches, 100 Leaves, with Interest
 Clause6.65

DRAFTS

\$ _____
 To _____
 For _____
 Date _____
 Time _____
 Due _____
 At _____
 Value received _____

Bond Paper.

Per Dozen

No. 636—3 ¼ x 11 inches, 100 Leaves.....\$6.65

DUPLICATING AND TRIPLICATING BOOKS



Standard Line.

Including Salesmen's Order Books, Merchants' Order Books, Duplicating Note and Letter Heads and Weighers' Scale Books, Complete with Cover and Filler.

Black and Flexible Cowhide Seal, End Opening.

Nos.	Size, In.	Description	Per Dozen
5000	6 7/8 x 3 7/8	Duplicating	\$16.00
5000 1/2	6 7/8 x 3 7/8	Filler for No. 5000	2.25
5001	6 7/8 x 3 7/8	Triplacating	16.00
5001 1/2	6 7/8 x 3 7/8	Filler for No. 5001	2.25

Black Cloth Sides, American Russia Back, End Opening, Index in Front.

Nos.	Size, In.	Description	Per Dozen
5004	7 1/4 x 4 3/4	Duplicating	\$ 5.85
5004 1/2	7 1/4 x 4 3/4	Fillers for No. 5004	3.88
5005	7 1/4 x 4 3/4	Triplacating	5.85
5005 1/2	7 1/4 x 4 3/4	Fillers for No. 5005	3.88
5020	8 1/2 x 5 1/2	Duplicating	11.25
5020 1/2	8 1/2 x 5 1/2	Fillers for No. 5020	5.38
5021	8 1/2 x 5 1/2	Triplacating	11.25
5021 1/2	8 1/2 x 5 1/2	Fillers for No. 5021	5.38
5032	10 3/4 x 5 3/4	Duplicating	15.00
5032 1/2	10 3/4 x 5 3/4	Fillers for No. 5032	7.25
5033	10 3/4 x 5 3/4	Triplacating	15.00
5033 1/2	10 3/4 x 5 3/4	Fillers for No. 5033	7.25
5036	10 3/8 x 8 1/2	Duplicating	18.75
5036 1/2	10 3/8 x 8 1/2	Fillers for No. 5036 1/2	9.65
5037	10 3/8 x 8 1/2	Triplacating	18.75
5037 1/2	10 3/8 x 8 1/2	Fillers for No. 5037	9.65

WEIGHERS' DUPLICATING SCALE BOOKS

Black Cloth Sides, American Russia Back and Corners, Standard Form 4 Blanks on Sheet.

Nos.	Size, In.	Description	Per Dozen
4982	6 x 12 3/4	Duplicating	\$22.50
4982 1/2	5 3/4 x 12 1/2	Filler for No. 4982	13.75

DUPLICATING NOTE AND LETTER HEADS

Black Cloth Sides, American Russia Back, End Opening.

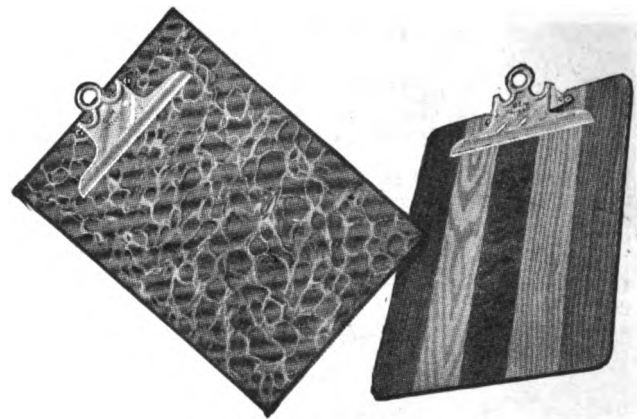
Nos.	Size, In.	Description	Per Dozen
5051	8 1/2 x 5 5/8	Commercial Note	\$11.25
5051 1/2	8 1/2 x 5 5/8	Fillers for No. 5051	5.38
5053	9 1/2 x 5 5/8	Pocket Notes	12.50
5053 1/2	9 1/2 x 5 5/8	Filler for No. 5053	6.88
5055	10 1/2 x 8 1/2	Letter	18.75
5055 1/2	10 1/2 x 8 1/2	Fillers for No. 5055	9.65

MERCHANDISE ORDER BOOKS

Black Cloth Sides, American Russia Back, Side Opening.

Nos.	Size, In.	Description	Per Dozen
5062	4 3/8 x 7 1/4	Duplicating	\$ 8.75
5062 1/2	4 3/8 x 7 1/4	Fillers for No. 5062	4.63
5060	5 3/8 x 8 1/2	Duplicating	11.25
5060 1/2	5 3/8 x 8 1/2	Fillers for No. 5060	5.38

BOARD CLIPS



Striped Wood Board, 6 inch Nickel Plated Clip, Metal Shoulders and Eye, Riveted to Board, Brass Wire Spring, Dull Rubbed Finish.

Per Dozen

No. 52S—Note, 6 3/4 x 11 inches	\$ 9.00
No. 54S—Letter, 9 x 12 1/2 inches	9.75
No. 56S—Cap, 9 x 15 1/2 inches	10.88

Tar Board, Marble Paper Face, Black Cloth Back, 6 inch Nickel Plated Clip, Metal Shoulders and Eye, Riveted to Board, Brass Wire Spring.

Per Dozen

No. 62T—Note, 6 3/4 x 11 inches	\$6.38
No. 64T—Letter, 9 x 12 1/2 inches	7.25
No. 66T—Cap, 9 x 15 1/2 inches	8.13

BOX FILES

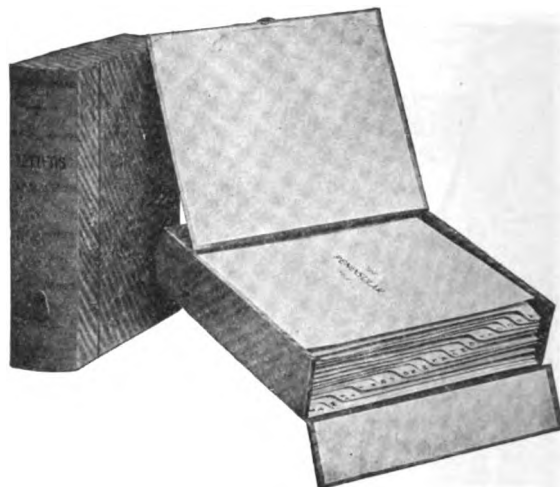
CITY HALL



City Hall—12x12¼x3 inches, Letter Size, Wood Frame,
Back and Front, Fancy Paper Covered, Dust Proof. . . \$9.00

Per Dozen

CREAM CITY

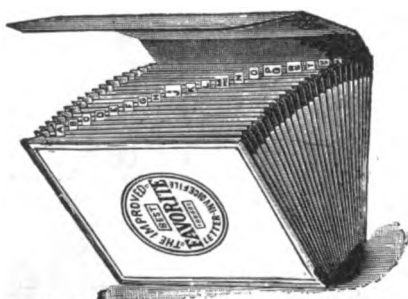


Cream City—12x12¼x3 inches, Letter Size, Wood
Frame, Fancy Paper Covered. \$6.88

Per Dozen

ACCORDEON FILES

FAVORITE



Alphabetically indexed, Capacity 3,000 Letters.
Manila Paper.

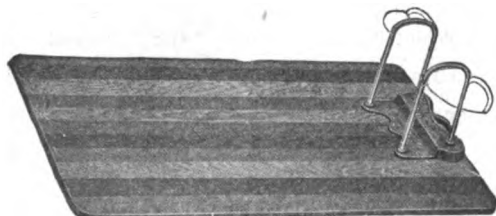
No. 1M—6	x11½	inches, Note	Per Dozen	\$5.00
No. 2M—9¼	x11½	inches, Letter		5.00
No. 3M—9¼	x15	inches, Invoice		9.38

Full Drab Cloth.

No. 1C—6	x11½	inches, Note	Per Dozen	\$16.88
No. 2C—9¼	x11½	inches, Letter		16.88
No. 3C—9¼	x15	inches, Invoice		23.65

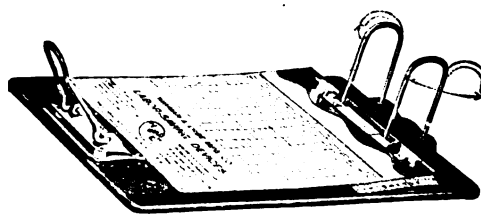
ARCH FILES

GENUINE SHANNON



Board and Arch Only.

No. 32E—7	x12	inches, Note	Per Dozen	\$12.88
No. 34E—9	x14½	inches, Letter		12.88
No. 36E—9½	x17	inches, Cap		12.88



Board, Arch, Perforator, Cover and Index.

No. 12A—7	x12	inches, Note	Per Dozen	\$24.50
No. 14A—9	x14½	inches, Letter		24.50
No. 16A—9½	x17	inches, Cap		24.50

EXTRA PARTS FOR SHANNON FILES

Arches—For Nos. 32E to 16A Shannon Files.	Per Dozen	\$6.25
Covers—For Nos. 32E to 16A Shannon Files.		4.13
Indexes—For Nos. 32E to 16A Shannon Files.		1.00
Perforators—For Nos. 32E to 16A Shannon Files.		6.50

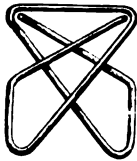
TRANSFER CASES FOR SHANNON FILES

Nos.	2	4	6
Inches	6¼x10½	8½x11¼	8½x14¼
Per Dozen	\$6.75	7.50	8.14

PAPER CLIPS



Niagara.



Ideal.



Weis.



Gem.



C.

Per 1000

Niagara—Spring Brass Wire, 100 in a Box, 10 Boxes in a Carton **\$2.50**

Ideal—Steel Wire, 100 in a Box, 10 Boxes in a Carton.. **1.13**

Weis—Spring Steel Wire, 100 in a Box, 12 Boxes in a Carton **1.00**

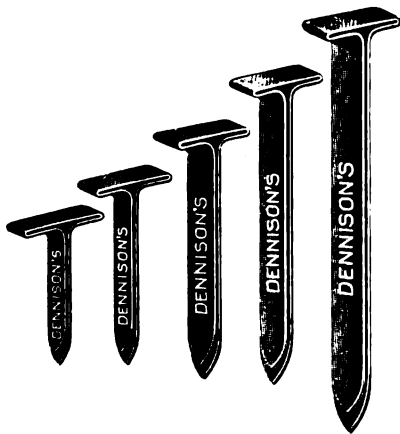
Per 1000

Gem—Steel Wire, 100 in a Box, 10 Boxes in a Carton... **\$1.00**

C—Steel Wire, 250 in a Box..... **.50**

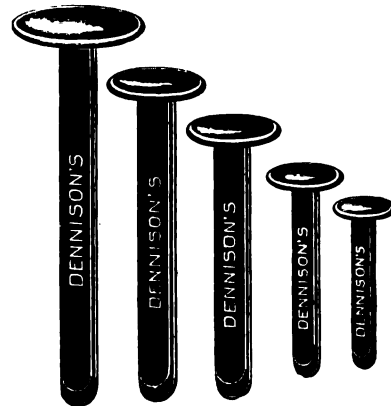
PAPER FASTENERS

FLAT HEAD



	Brass.			
Nos.	21F	22F	23F	24F
Inches	1/4	1/2	3/4	1
Per 1000	\$2.35	2.95	3.50	4.70
Nos.	25F	26F	27F	
Inches	1 1/4	1 1/2	2	
Per 1000	\$11.73	14.08	23.47	

ROUND HEAD

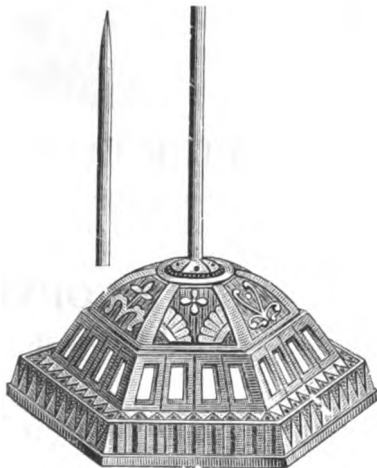


	Brass.			
Nos.	21R	22R	23R	24R
Inches	1/4	1/2	3/4	1
Per 1000	\$2.95	3.50	4.70	5.85
Nos.	25R	26R	27R	
Inches	1 1/4	1 1/2	2	
Per 1000	\$16.43	18.75	28.08	

PAPER FILES



No. 24.



No. 38.

Per Dozen

No. 24—Plate 6 inches High, Iron, Tuscan Bronzed Back and Hook **\$1.10**

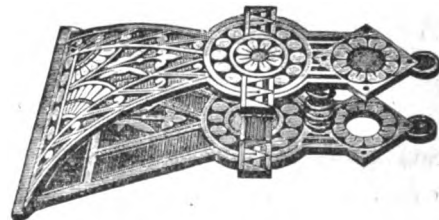
One Dozen in a Box.

Per Dozen

No. 38—Base 3 3/4 inch Diameter, Tuscan Bronzed Iron Stand, Coppered Wire Pin..... **\$1.50**

One Dozen in a Box.

PAPER CLIPS



Per Dozen

No. 240—4 1/4 inches Long, Iron, Tuscan Bronzed, Spiral Spring **\$1.80**

One Dozen in a Box.



Per Dozen

No. 250—3 3/4 inches Long, Iron, Tuscan Bronzed, with Pins, Spiral Spring..... **\$1.80**

One Dozen in a Box.

WASTE PAPER BASKETS

WIRE



COPYRIGHT-91

Nos.	693 1/2
Height, Inches	12
Diameter of Top, Inches	15
Mesh, Inches	1
Per Dozen	\$7.50

1693

18

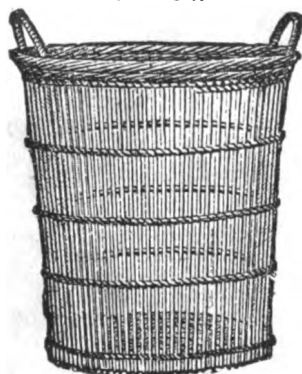
16 1/2

1

10.00

One-half Dozen in a Package.

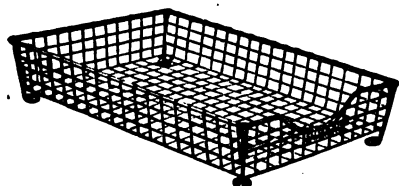
WILLOW



Good Quality Willow, Side Handle.

Nos.	0	1	2	3	4
Inches	12x10 1/2	13x12 1/2	14x13 1/2	15 1/4 x15 3/4	16x17
Each	\$2.70	3.02	3.52	4.17	4.95

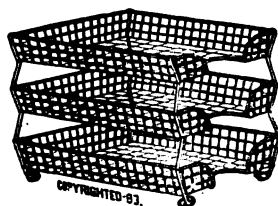
DESK BASKETS



No. 701.

Heavy Plated Wire, Rubber Cushioned Feet.

Nos.	701	701 1/2
Inches	10x14x3	11x15 1/2 x6
Spaces	1	1
Per Dozen	\$3.88	9.75



No. 703.

Heavy Plated Wire, Rubber Cushioned Feet.

Nos.	702	703	704
Inches	10x14x6	10x14x7	10x14x13
Spaces	2	3	4
Per Dozen	\$12.88	18.00	27.00

LETTER COPY PRESSES



Wheel, Plain Black Japanned.

No. 48—For Books 10x13 inches	Each
No. 58—For Books 10x15 inches	\$10.00
	12.00

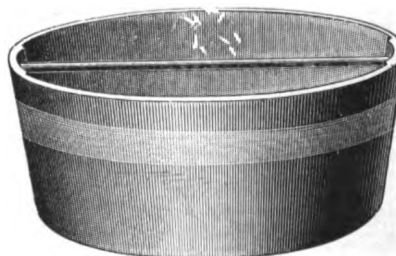
COPY BATHS

Brass Box and Lid, Lid Turns on a Metal Bearing, Rust and Moisture Proof, Mineral Fibre Moisteners, Germ and Moisture Proof, with One Dozen Cloths.



Nos.	1	2
Inches	10x12	10x14
Per Dozen	\$10.00	12.00

WATER BOWLS



Round.

5 1/2 inches Diameter.

No. 10—Iron	Each
No. 11—Porcelain	\$0.50
	.80

LETTER COPYING BRUSHES

Good Quality Bristles, Wood Handle.

Width, Inches	2 1/2	3	3 1/2
Each	\$0.60	.70	.80

WHITE COPYING CLOTHS

Sea Island Brand, Good Heavy Material, Very Durable.

Inches	10x12	10x14
Per Dozen	\$1.20	1.50

OIL BOARDS FOR LETTER BOOKS

A1 Quality, Heavy.

Inches	10x12	10x15
Per Dozen	\$0.50	.60

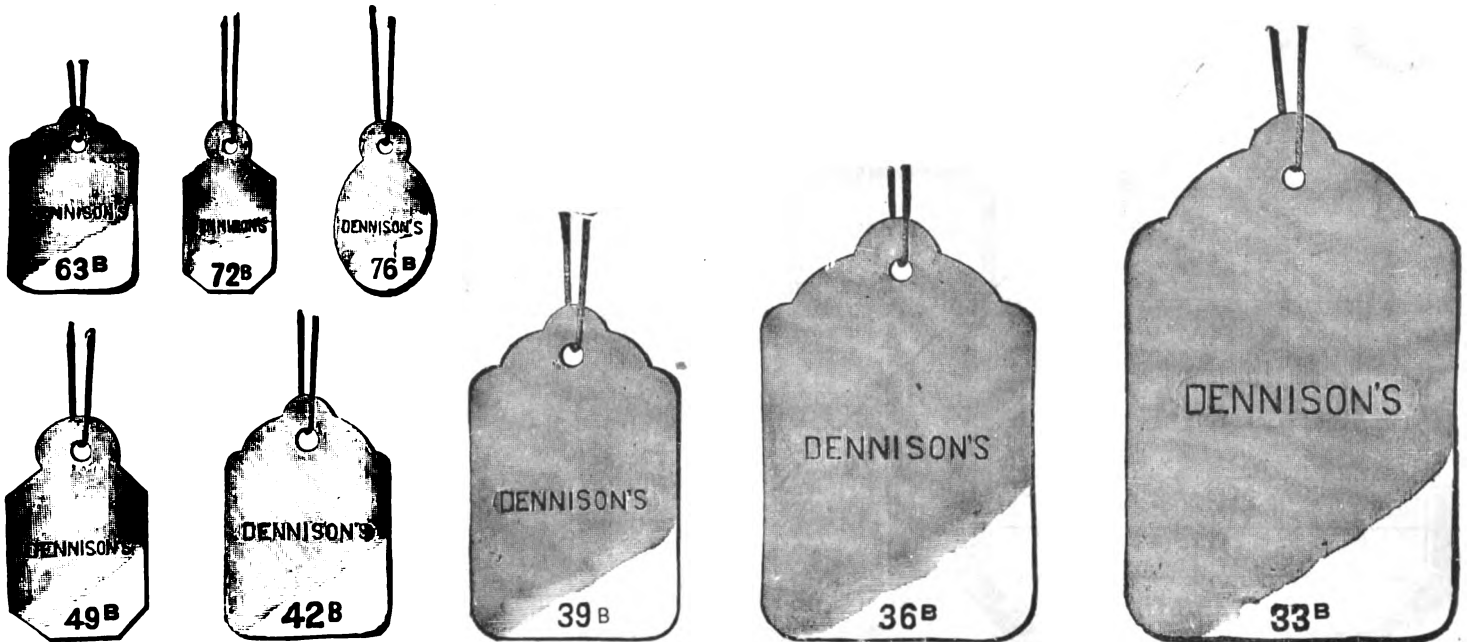
BLOTTERS FOR LETTER BOOKS

120 Lb. Good Quality, Very Absorbent.

Inches	9 1/2 x12	9 1/2 x14
Per Dozen	\$0.40	.50

STRING TAGS

Cuts Full Size.



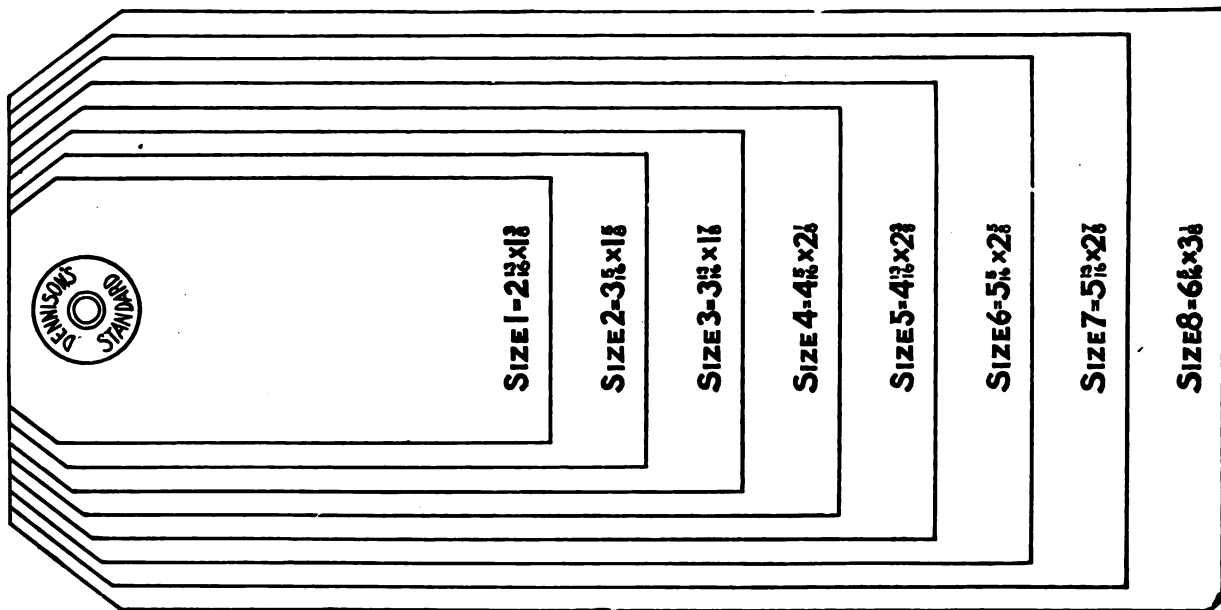
Extra Tough White Stock, Well Strung and Tied.

Nos.	76B	72B	63B	49B	42B	39B	36B	33B
Length, Inches	$\frac{3}{8}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$2\frac{1}{4}$	$2\frac{3}{4}$
Width, Inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$
Per 1,000	\$0.73	.73	.83	.88	1.05	1.35	1.95	2.25

One Hundred in a Bundle; One Thousand in a Box.

SHIPPING TAGS

Cuts Full Size.



K Quality, Patented Eyelets, Plain.

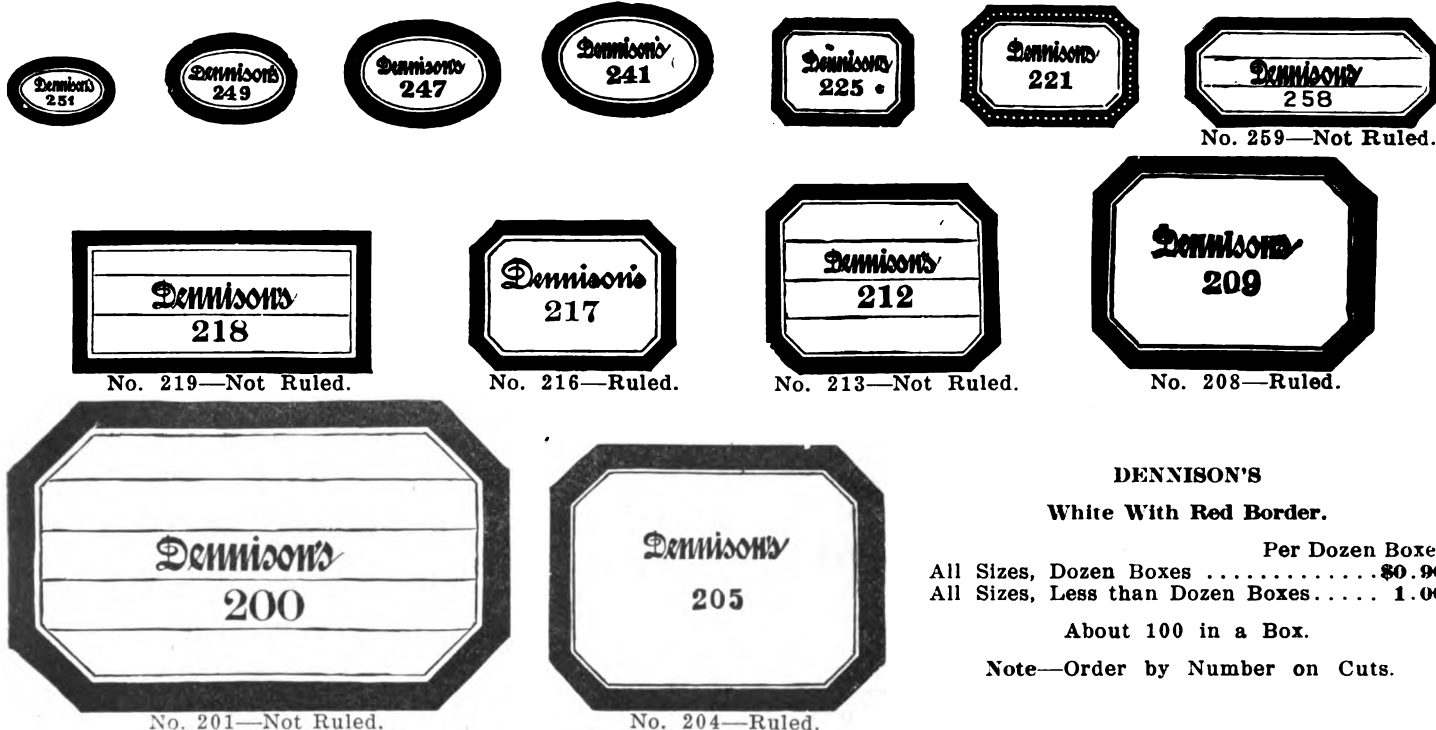
Nos.	1	2	3	4	5	6	7	8
Per 1,000	\$0.70	.83	.98	1.10	1.33	1.55	1.93	2.18

One Thousand in a Box.

Note—We can have Shipping Tags with customer's name printed to order, one color of ink, \$2.50 Per 1000.

GUMMED LABELS

Cuts Full Size.



No. 259—Not Ruled.

No. 219—Not Ruled.

No. 216—Ruled.

No. 213—Not Ruled.

No. 208—Ruled.

No. 201—Not Ruled.

No. 204—Ruled.

DENNISON'S

White With Red Border.

Per Dozen Boxes

All Sizes, Dozen Boxes\$0.90

All Sizes, Less than Dozen Boxes..... 1.00

About 100 in a Box.

Note—Order by Number on Cuts.

ERASERS



- Per Dozen
 No. 102—Typewriter, Small Size, Long, Double Bevel, Grey Rubber\$0.90
 No. 104—Large Size, Otherwise Same as No. 102..... 1.80
 So compounded that it is exceedingly effective in erasing typewritten work. It will also erase ink and pencil marks.



- Per Dozen
 No. 110—Union, Double Bevel, Half Gray Ink Rubber, Half Gray Pencil Rubber.....\$0.90



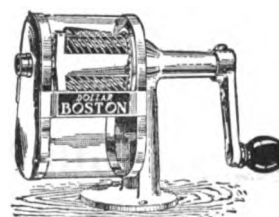
- Per Dozen
 No. 111—Emerald, Small Size, Double Bevel, Green Rubber\$0.90
 No. 211—Large Size, Otherwise Same as No. 111..... 1.80



- Per Dozen
 No. 112—Ruby, Small Size, Double Bevel, Red Rubber...\$0.90
 No. 212—Large Size, Otherwise Same as No. 112..... 1.80
 One Dozen in a Box.

PENCIL SHARPENERS

BOSTON



- Each
 No. 100—Nickel Plated, Sharpens Standard Size Pencils without Adjustment, Automatically Stops Cutting when Pencil is Properly Pointed, Never Breaks the Lead, a Necessity for the Office and School Room\$1.60



- Per Dozen
 No. 650—Highly Tempered and Carbonized Steel Blade, Gilt Body, with Handle\$2.00
 One Dozen on a Card.

EAGLE



- Per Dozen
 No. 557—Best Steel Blade, Highly Tempered, Nickel Plated Body\$1.00
 One Dozen in a Box.

PENCIL POINT PROTECTORS



- Per Dozen
 No. 368—Pencil Point Protector and Pencil Lengthener, with Screw Rubber Tips, Nickel Plated.....\$0.50
 One Dozen in a Box.

RUBBER PLUGS

- Per Gross
 No. 370—For Pencil Point Protector, Pencil Cases and Tipped Pencils\$2.00

One Gross in a Box.

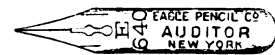
STEEL PENS



No. E10—Bronze, Large Falcon,
Fine Point, Smooth Writer...**\$1.20**



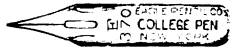
No. E130G—Gray, Manhattan
Stub, Medium, Very Easy
Writer**\$1.50**



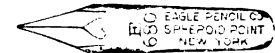
No. E640G—Gray, Auditor, Fine
Point**\$1.50**



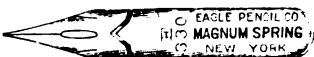
No. E50G—Gray, Magistrate, Me-
dium Fine Point, Extra Firm
Pen**\$1.50**



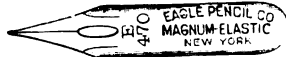
No. E370G—Gray, College, Fine
Point, Double Elastic.....**\$1.30**



No. E680G—Gray, Spheroid Point,
Extra Fine Point.....**\$1.00**



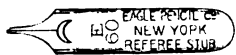
No. E330G—Gray, Magnum Spring,
Medium Point, Elastic.....**\$1.50**



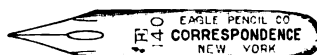
No. E470G—Gray, Magnum Elas-
tic, Ledger, Extra Fine
Point**\$1.30**



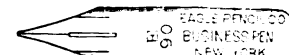
No. 8—Gray, Vertical, Extra Fine
Point**\$1.30**



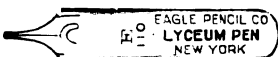
No. E60G—Gray, Referee Stub,
Medium, Long Nib.....**\$1.50**



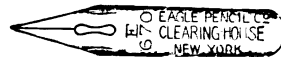
No. E140G—Gray, Correspondence,
Oval Point, for Rapid Writ-
ing**\$1.30**



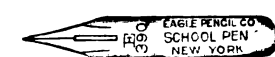
No. E90G—Gray, Business, Me-
dium Fine Point.....**\$1.10**



No. E110G—Gray, Lyceum, Large
Stub, Extra Long Nib.....**\$1.50**



No. E670G—Gray, Clearing House,
Extra Fine Point.....**\$1.50**



No. E390G—Gray, School, Medium
Fine Point**\$1.00**

One Gross in a Box. We Do Not Break Boxes.

FOUNTAIN PENS

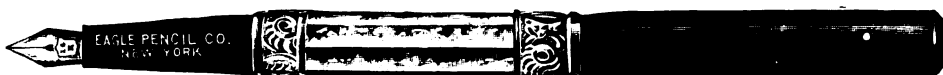
EAGLE



No. 14—Best Para Rubber Barrel, Cap and Feed, 14 Karat Gold Pen, with Either Stub, Fine or Medium Iridium Point...**\$1.50**
Each Pen in a Carton with Filler; One-half Dozen in a Box.



No. 34—Large Size, Best Pure Para Rubber Barrel, Cap and Feed, 14 Karat Gold Pen with Either Stub, Fine or Medium Iridium Point**\$2.25**
Each Pen in a Carton with Filler; One-half Dozen in a Box.



No. 3532—Best Pure Para Rubber Barrel, Cap and Feed, Mother of Pearl Mounted, Decorated with Two Gold Bands, Medium Size Guaranteed 14 Karat Gold Pen, with Either Stub, Fine or Medium Iridium Point.....**\$2.25**
Each Pen in a Carton with Filler; One-half Dozen in a Box.

Note—In ordering Fountain Pens be sure to specify what style of points are wanted.

LEAD PENCILS

IN ASSORTMENTS

DIXON'S "CARNIVAL"



Folding Package with Slide Drawers.
Per Dozen

No. 1366—Folding Package, Equipped with One Dozen Dixon Popular "Carnival" Pencils, Hexagon Shaped, Gilt Tips with Rubbers, Beautifully Finished in Alternate Stripes of a Variety of 6 Colors\$8.00
Six Boxes in a Carton.

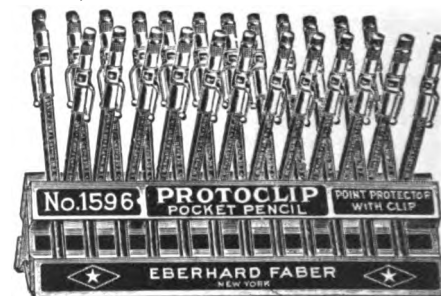
DIXON'S MOVIE



Hexagon Drum, Revolves on Mission Wood Base.

Per Quarter Gross Box
No. 435—Contains One-quarter Gross Dixon's Anglo-Saxon, Ticonderoga and Cabinet Pencils Assorted\$2.50
The drum carries 6 photographs of well known movie actors. Display is rugged construction and may be refilled. One-quarter Gross in a Box.

PROTOCLIP



Flat Folding Easel Display Box.

Per Assortment
No. 1596—Equipped with Two Dozen Yellow Polished Pencils, Hexagon Shaped, Smooth Finish, Fitted with Nickel Plated Point Protector, Clip Attached and Red Rubber\$1.75

Two Dozen in a Box.

LEAD PENCILS



No. 20—Frankfurth's Sun Flower, No. 2 Lead, Round, Yellow Finish, Screw Rubber Tip.....\$9.00
No. 30—Frankfurth's Sun Flower, No. 3 Lead, Round, Yellow Finish, Screw Rubber Tip..... 9.00
One Dozen in a Package; One-half Gross in a Box.



Per Gross
No. 2—Frankfurth's Best Graphite, No. 2 Lead, Hexagon, Maroon Finish, Screw Rubber Tip.....\$9.00
No. 3—Frankfurth's Best Graphite, No. 3 Lead, Hexagon, Maroon Finish, Screw Rubber Tip..... 9.00
One Dozen in a Package; One-half Gross in a Box.



Per Gross
No. 482 —Mongol, No. 2 Lead, Soft, Hexagon Shape, Yellow Finish, Nickel Tip, Red Rubber.....\$11.00
No. 482/3—Mongol, No. 3 Lead, Medium Hard, Otherwise Same as No. 482..... 11.00
One Dozen in a Package; One-half Gross in a Box.



Per Gross
No. 375B-2—Commerce, Hexagon, No. 2 Lead, Black Polish, Gilt Screw, Rubber Tip.....\$6.50
No. 375B-3—Commerce, Hexagon, No. 3 Lead, Black Polish, Gilt Screw, Rubber Tip..... 6.50
One Dozen in a Package; One-half Gross in a Box.

LEAD PENCILS



- No. 310H—School, Round, "H" Medium Hard, Natural Polish Per Gross \$4.00
One Dozen in a Package; One Gross in a Box.



- No. 485—Columbia, Hexagon, No. 2 Lead, Red, White and Blue Polished, Nickel Screw Rubber Tip Per Gross \$7.50
One Dozen in a Package; One-half Gross in a Box.



- No. 6379—Nite, Round, Extra Thick Soft Black Lead, Yellow Polish Per Gross \$8.00
One Dozen in a Package; One-half Gross in a Box.



- No. 1181—Traffic, Hexagon, Black Polish, Short Nickel Cap, Gray Rubber Per Gross \$4.00
One Dozen in a Package; One-half Gross in a Box.



- No. 510—Dash, Round, No. 2 Lead, Red Polish, Inserted Rubber Eraser Per Gross \$2.50
One Dozen in a Package; One Gross in a Box.



- No. 245—Flashlight, Round, Assorted Bright Fancy Colors, Nickel Screw Rubber Tip Per Gross \$4.00
One Dozen in a Package; One-half Gross in a Box.



- No. 1140—Railroad, Round, Red Polish, Short Nickel Tip, Gray Rubber Per Gross \$3.30
One Dozen in a Package; One Gross in a Box.



- No. D—Round, Plain Cedar, without Rubber Head Per Gross \$1.50
One Dozen in a Package; One Gross in a Box.

COPYING PENCILS



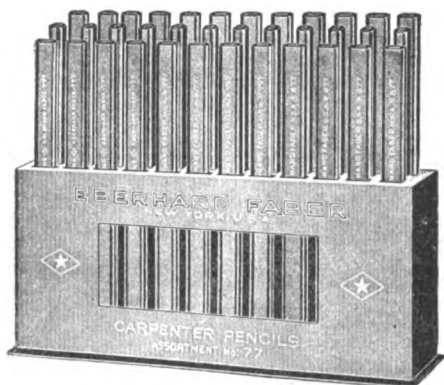
- No. 770—Mongol, Round, Finest Quality Purple Copying Lead, Yellow Finish, Black Oxidized Tip, Gilt Band Per Gross \$17.00
One-half Gross in a Box.

COLORED PENCILS



- No. 635—Blue, Round, Fine Quality Lead, Blue Polish Per Gross \$12.00
No. 636—Red, Round, Fine Quality Lead, Red Polish 12.00
One Dozen in a Box; One-half Gross in a Carton.

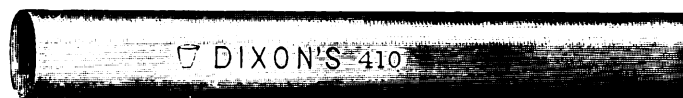
CARPENTERS' PENCILS



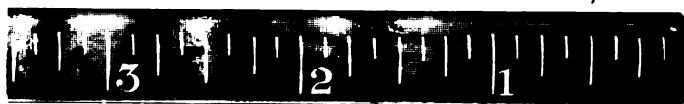
- No. 77 Assortment**—Consists of Three Dozen Carpenters' Pencils, Hexagon Shape, One Dozen Each Yellow, Green and Red, Polished, in an Attractive Display Case\$2.25
One Assortment in a Box.



- No. 98—Frankfurth's Best;** 7 inches, Medium Soft Lead, Beveled Shape, Maroon Finish, Never Break Point\$9.00
There are no better Pencils on the Market for Rough Work.
One Dozen in a Package; One-half Gross in a Box.



- No. 410**—7 inches, Oval Shape, Polished Cedar\$5.00
No. 411—9 inches, Oval Shape, Polished Cedar 6.00
One Dozen in a Package; One-half Gross in a Box.



- No. 508**—7 inches, Oval Shape, Mottled Finish, with 6 inch Rule Stamped in Aluminum\$7.50
One Dozen in a Package; One-half Gross in a Box.



- No. 511**—7 inches, Beveled Shape, Polished Cedar\$ 8.00
No. 512—9 inches, Beveled Shape, Polished Cedar 10.00
One Dozen in a Package; One-half Gross in a Box.



- No. 538**—7 inches, Beveled Shape, Maroon Finish\$8.50
One Dozen in a Package; One-half Gross in a Box.



- Shamrock**—7 inches, Beveled Shape, Green Finish with Purple Stripes\$9.00
One Dozen in a Package; One-half Gross in a Box.

METAL MARKING PENCILS



- No. 792—Blaisdell,** 7 inches Long, Black Crayon, Wrapped in Black Paper, Olive Green Finish, Highly Polished, Gold Stamp, for Marking Metal, Glass, China and All Polished Surfaces\$12.00
One Dozen in a Box.

METAL WORKERS' CRAYONS



- No. 524—Dixon's,** 5x1/2 x 1/8 inch, Sawed Out of Solid Soapstone, Flat Shape, Chisel Point\$4.50
One-half Gross in a Box.

MARKING CRAYONS



	Per Gross
No. 98—Black, 3 5/8 inches Long, Tapers 1/8 to 1/4 inch Diameter, Round Shape, Paper Covered.....	\$4.00
No. 99—Blue, 3 5/8 inches Long, Tapers 1/8 to 1/4 inch Diameter, Round Shape, Paper Covered.....	4.00
No. 100—Red, 3 5/8 inches Long, Tapers 1/8 to 1/4 inch Diameter, Round Shape, Paper Covered.....	4.00

One Dozen in a Box; Twelve Boxes in a Carton.



	Per Gross
No. 140—Black, 6 inches Long, 1/4 inch Diameter, Round Shape, Paper Covered.....	\$5.00
No. 141—Blue, 6 inches Long, 1/4 inch Diameter, Round Shape, Paper Covered.....	5.00

One Dozen in a Box; Twelve Boxes in a Carton.

LUMBER PENCILS

DIXON'S



	Per Gross
No. 361 —Black, 4 3/4 inches Long, 1/2 inch Diameter, Regular Lead, Hexagon Shape, Japanned Finish.....	\$10.00
No. 363 —Black, 4 3/4 inches Long, 1/2 inch Diameter, Soft Lead for Green Lumber, Hexagon Shape, Paper Covered....	10.00
No. 365 1/2 —Black, 4 3/4 inches Long, 1/2 inch Diameter, Very Soft Lead for Green Lumber, Hexagon Shape, Japanned....	10.00
No. 521 1/2 —Blue, 4 3/4 inches Long, 1/2 inch Diameter, Soft Lead for Green Lumber, Hexagon Shape, Paper Covered....	18.00
No. 520 1/2 —Red, 4 3/4 inches Long, 1/2 inch Diameter, Soft Lead for Green Lumber, Hexagon Shape, Paper Covered....	18.00

One Dozen in a Box; Six Boxes in a Carton.

LUMBER CRAYONS

ACME



	Per Gross
No. 400—Blue, 4 3/4 inches Long, 1/2 inch Diameter, Hexagon Shape, Paper Covered.....	\$10.00
No. 405—Red, 4 3/4 inches Long, 1/2 inch Diameter, Hexagon Shape, Paper Covered.....	10.00
No. 410—Black, 4 3/4 inches Long, 1/2 inch Diameter, Hexagon Shape, Paper Covered.....	10.00

One Dozen in a Box; Twelve Boxes in a Carton.

SCHOOL CRAYONS



	Per Gross
School Crayons—White	\$0.30

One Gross in a Box; One Hundred Gross in a Case.

CARPENTERS' CHALK



	Per Gross
No. W—White, Hemispherical Shape.....	\$1.75
No. R—Red, Hemispherical Shape.....	2.10
No. B—Blue, Hemispherical Shape.....	2.10

One-half Gross in a Box.

LUMP CHALK

	Per Pound
Lump Chalk—White, in Barrels of About 300 Lbs.....	\$0.05

WRITING INK

DIAMOND
CHEMICAL WRITING FLUID



Per Gross
No. 39—1½ Oz. Cone, Wood Top
Cork\$4.40
Writes black and always remains
black, flows freely, not injured by freez-
ing, waterproof, for school and general
use.

One-quarter Gross in a Box.



Per Gross
No. 036—1½ Oz. Cylinder, Wood
Top Cork\$4.40
Writes black and always remains
black, flows freely, not injured by freez-
ing, waterproof, for school and general
use.

One-quarter Gross in a Box.
CHEMICAL WRITING FLUID



Per Gross
No. 51½—3 Oz., Square, Wide
Mouth, Rubber Top\$9.00
No. 8—1¼ Oz. Square, Wood
Top 4.50

One-quarter Dozen in a Box.
IMPERIAL BLACK



Per Gross
No. 45½—3 Oz., Square, Wide
Mouth, Rubber Top\$9.00
No. 48—1½ Oz., Square, Wood
Top 4.50
One-quarter Gross in a Box.



Per Dozen
No. 1—1 Quart, with Patent
Spout\$9.00
No. 2—1 Pint, with Patent Spout 5.40
No. 3—½ Pint, with Patent Spout 3.30

This is a Chemical Ink which can
never fade. Writes a beautiful blue
color, which changes to coal black; the
lightest and most permanent fluid
made; gives one copy from fresh writ-
ings. The ideal ink for bookkeeping
and fine writing.

One Dozen in a Box.

IMPERIAL BLACK



Per Dozen
No. 41—1 Quart, with Patent
Spout\$9.00
No. 42—1 Pint, with Patent
Spout 5.40
No. 43—½ Pint, with Patent
Spout 3.30

Positively non-corrosive. Writes coal
black, flows freely, and is free from
gum; is not injured by freezing. The
best ink for schools.

One Dozen in a Box.

FOUNTAIN PEN



No. 244.

Per Dozen
No. 241—1 Quart, with Patent
Spout\$9.60
No. 242—1 Pint, with Patent
Spout 5.70
No. 243—½ Pint, with Patent
Spout 3.45
No. 244—Large Size, Square,
with Filler 2.10
No. 245—Small Size, Square,
with Filler 1.20
No. 248—Small Size, Pocket
Filler 1.20

The most satisfactory ink for foun-
tain pen use. Writes blue, turns to an
intense black and never fades.

One Dozen in a Box.

COLORED



Violet, Green or Blue Color, Packed
Solid Colors or Assorted.

Per Gross
No. 126—2 Oz., Square, Rubber
Top\$7.80
No. 0126—2 Oz., Square, Rubber
Top 8.16
No. 127½—1½ Oz., Square... 4.50
No. 0127½—1½ Oz., Square... 4.80

Nos. 0126 and 0127½, One Dozen; Nos.
126 and 127½, Three Dozen in a Box.



Violet, Green, Red or Blue Color, Packed
Solid Colors or Assorted.

Per Dozen
No. 128—2 Oz., Square, Extra
Quality, Rubber Slip Cap...\$0.80

One Dozen in a Box.

WRITING INK DIAMOND

COLORED



CARMINE FLUID



Violet, Green or Blue Color, Packed Solid Colors or Assorted.
 No. 121—1 Quart, with Patent Spout..... Per Dozen \$10.20
 No. 122—1 Pint, with Patent Spout..... 6.15
 No. 123—½ Pint, with Patent Spout..... 3.60
 One Dozen in a Box.

No. 151—1 Quart, with Patent Spout..... Per Dozen \$14.40
 No. 152—1 Pint, with Patent Spout..... 8.70
 No. 153—½ Pint, with Patent Spout..... 5.25
 This ink is a bright color, and does not produce that brassy, metallic lustre, which is so characteristic of other brands of red ink. It remains a bright red to the last drop.
 One Dozen in a Box.

WRITING INK

CARMINE FLUID



No. 158—2 Oz., Square, Slip Cap. \$0.80
 One Dozen in a Box.

MARKING FLUID

PERFECTION



No. 2—2 Oz., Square Bottle..... Each \$0.35
 This Marking Fluid has no equal for marking cutlery, tools, tin, enameled ware, etc. Guaranteed not to corrode.

STICKINE

DIAMOND



Nos. 433 ½ and 435 ½.

No. 431 —1 Quart Bottle..... Per Dozen \$7.80
 No. 432 —1 Pint Bottle..... 4.65
 No. 433 ½ —8 Oz. Desk Bottle... 3.90
 No. 435 ½ —5 ½ Oz. Desk Bottle. 2.25
 No. 436 —3 Oz. Cone Bottle... .75
 No. 430 ½ —10 Cent Tubes..... .75
 Per Gross
 No. 438 —1 ¼ Oz. Cone Bottle. \$4.50
 Nos. 431 to 430 ½, One Dozen; No. 438, Three Dozen in a Box.

MUCILAGE

DIAMOND



No. 310—1 Gallon Jugs..... Per Dozen \$25.20
 No. 311—1 Quart, Screw Cap..... 6.60
 No. 312—1 Pint, Screw Cap..... 3.90
 No. 313—½ Pint, Screw Cap..... 2.40
 No. 317—3 Oz. Bell Shape..... .75
 A good heavy Mucilage, made from Gum Arabic.
 One Dozen in a Box.



Nos. 360 and 361.



Nos. 366 and 366 ½.

No. 360—1 ½ Oz. Cone Bottle, with Cap and Brush, Three Dozen in a Box..... Per Gross \$4.68
 No. 361—1 ½ Oz. Cone Bottle, with Cap and Brush, One Dozen in a Box..... 4.98
 No. 366—1 ½ Oz. Cylinder Bottle, Three Dozen in a Box..... 4.68
 No. 366 ½ —1 ½ Oz. Cylinder Bottle, One Dozen in a Box..... 4.98

CREAM PASTE

DIAMOND



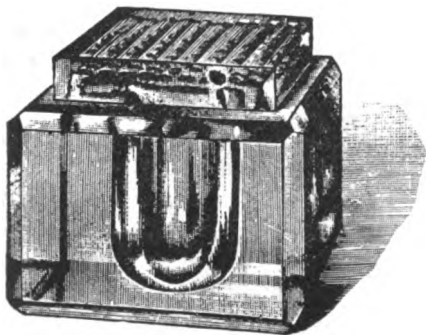
Nos. 348 and 0348.

- | | Per Gross |
|--|-----------|
| No. 348—1 ¼ Oz. Cone Bottle, Screw Cap, with Brush,
Three Dozen in a Box..... | \$4.50 |
| No. 0348—One Dozen in a Box, Otherwise Same as
No. 348 | 4.80 |
| | Per Dozen |
| No. 350—10 Cent Size, with Brush..... | \$0.75 |
| No. 351—1 Quart Jar..... | 7.80 |
| No. 352—1 Pint Jar..... | 4.65 |
| | Each |
| No. 407—6 Lb. Lithographed Tin Pails..... | \$0.90 |
| No. 408—1 Gallon Lithographed Tin Pails..... | 1.50 |
| No. 409—½ Gallon Stone Jar, with Bail..... | 1.20 |
| No. 410—1 Gallon Stone Jar, Wide Mouth, with Bail... | 2.10 |



- | | Per Dozen |
|---|-----------|
| No. 412—1 Pint Alpha Paste Jar, with Brush..... | \$5.85 |
| No. 413—8 Oz. Alpha Paste Jar, with Brush..... | 3.90 |
| No. 414—5 Oz. Alpha Paste Jar, with Brush..... | 2.25 |
| No. 415—3 Oz. Alpha Paste Jar, with Brush..... | 1.38 |
- This jar is absolutely air tight; the cover slips over a rubber cushion, preventing evaporation or drying up. The cover slips on, no unscrewing required.
One Dozen in a Box.

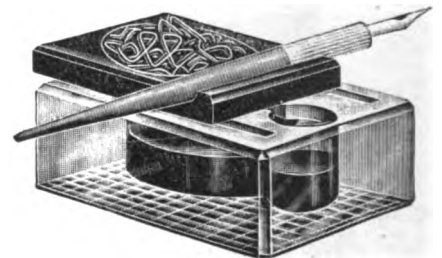
INK STANDS



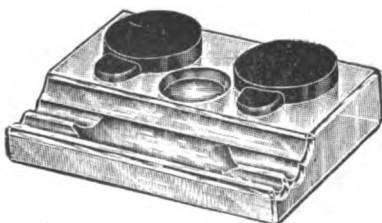
- | | Each |
|--|--------|
| No. 1105 — 2 ½ x 2 ½ inches,
Pressed Glass Base, Glass
Cover | \$0.27 |



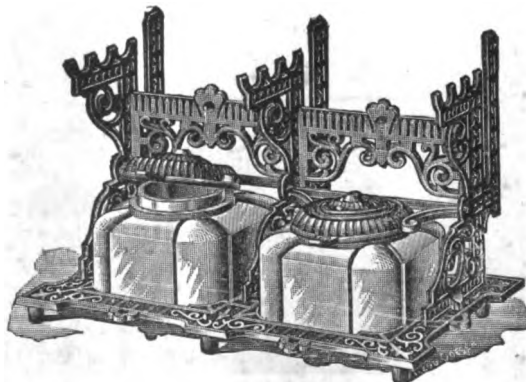
- | | Each |
|--|--------|
| No. 60G—2 ¾ x 2 ¾ inches, Plain
Glass, Round Glass Cover... | \$0.23 |



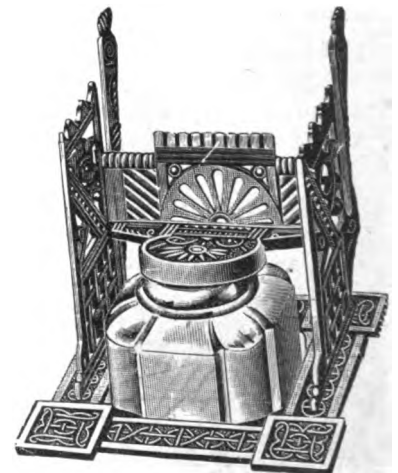
- | | Each |
|--|--------|
| No. 100—3x4 inches, One Piece
Glass Base, Vulcanized Rubber
Top, an Inkwell, a Pen
Tray, a Pen Rack and Paper
Weight All in One..... | \$0.75 |



- | | Each |
|---|--------|
| No. 475—Double, 5x7 inches,
Crystal Glass, Two Wells,
Pen Rack and Place for Pins,
Sliding Hard Rubber Covers. | \$1.80 |



- | | Each |
|---|--------|
| No. 360—7 ¾ x 4 ¾ inches, Enam-
eled Iron Frame, Pen and
Paper Rack, Two Glass Bot-
tles, with Hinged Covers.... | \$1.50 |



- | | Each |
|--|--------|
| No. 350—4 ¾ x 4 ¾ inches, Enam-
eled Iron Frame, Pen and
Paper Rack, One Glass Bottle,
with Hinged Cover..... | \$1.00 |

DEPARTMENT NO. 10

GUNS, RIFLES, REVOLVERS

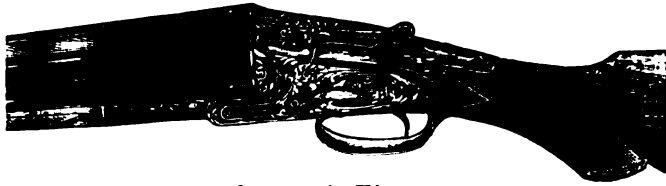
AMMUNITION AND SPORTING GOODS

POCKET COMPASSES, DOG COLLARS, TARGETS,
HUNTERS' SUPPLIES, POLICE GOODS, SKIS,
SNOW SHOES, SLEDS, SKATES, COASTERS AND
EXPRESS WAGONS, VELOCIPEDES, AUTO-
MOBILES, SULKIES, BABY CARRIAGES,
MECHANICAL TOYS, ETC.

Wm. Frankfurth Hardware Co.
MILWAUKEE

DOUBLE BARREL SHOT GUNS

L. C. SMITH HAMMERLESS



Automatic Ejector.

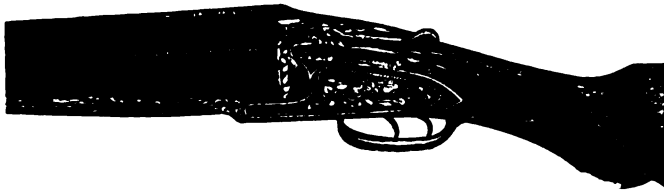
Damascus or Special Steel Barrels, Both Barrels Choke Bored, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, English Walnut Stock, Checkered Pistol Grip, Compensating Fore-End, Rubber Butt Plate, Line Engraving on Plates.

No. 61E—12 Gauge, 30 inch Barrels, Weight 7 1/4 to 8 Lbs. Each \$60.00

Plain Ejector.

Damascus or London Steel Barrels, Both Barrels Choke Bored, Extended Matted Rib, Triple Bolt, Case Hardened Mounting, English Walnut Stock, Checkered Pistol Grip, Compensating Fore-End, Rubber Butt Plate.

No. 30—12 Gauge, 30 inch Barrels, Weight 6 1/2 to 7 1/2 Lbs. Each \$37.50



New Armor Steel Barrels, Both Barrels Choke Bored, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, English Walnut Stock, Checkered Pistol Grip, Compensating Fore-End, Rubber Butt Plate.

Plain Ejector.

No. 300—12 Gauge, 30 inch Barrels, Weight 7 1/4 to 8 Lbs. Each \$25.00
 No. 316—16 Gauge, 30 inch Barrels, Weight 5 1/2 to 7 1/2 Lbs. 25.00
 No. 320—20 Gauge, 26 and 28 inch Barrels, Weight 5 3/4 to 6 1/2 Lbs. 25.00

Automatic Ejector.

No. 600E—12 Gauge, 30 inch Barrels, Weight 7 1/4 to 8 Lbs. Each \$5.00
 No. 616E—16 Gauge, 30 inch Barrels, Weight 5 1/2 to 7 1/2 Lbs. 35.00

With Hunter One-Trigger.

New Armor Steel Barrels, Both Barrels Choke Bored, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, English Walnut Stock, Checkered Pistol Grip, Compensating Fore-End, Rubber Butt Plate.

Plain Ejector.

No. 400—12 Gauge, 30 inch Barrels, Weight 7 1/4 to 8 Lbs. Each \$50.00

Automatic Ejector.

No. 700—12 Gauge, 30 inch Barrels, Weight 7 1/4 to 8 Lbs. 60.00

Just the gun for cold weather, because you can operate the gun with a gloved hand.

VERNON ARMS CO. HAMMERLESS



American Made, all Parts Interchangeable for Smokeless or Black Powder.

Decarbonized Smokeless Steel Barrels, Choke Bored, Straight Skeleton Rib, Heavy Nitro Breech, Fine English Walnut Stock, Checkered Half Pistol Grip, Checkered Fore-End, Rubber Cap, Rubber Butt Plate.

No. 2905—12 Gauge, 30 inch Barrels, Weight 7 to 8 Lbs. Each \$17.50
 No. 2916—16 Gauge, 28 inch Barrels, Weight 6 1/2 to 7 1/2 Lbs. 17.50
 No. 2920—20 Gauge, 26 and 28 inch Barrels, Weight 5 1/2 to 6 1/2 Lbs. 18.50

For Component Parts, See Page 1340.

JUNEAU ARMS CO. HAMMER



Blued Steel Barrels, Tested with Nitro Powder, Matted Extension Rib, Right Barrel Modified, Left Barrel Full Choke, Barrel and Lug One Piece, Forged from a Solid Bar of Steel, Top Lever Action Low Circular Hammers, Rebounding Locks, Coil Springs, Half Pistol Grip Stock, Snap Fore-End, Checkered, Rubber Butt Plate.

No. 215—12 Gauge, 30 inch Barrels, Weight 7 1/2 to 8 1/4 Lbs. Each \$15.00
 No. 216—16 Gauge, 30 inch Barrels, Weight 7 1/4 to 7 3/4 Lbs. 15.00
 No. 220—20 Gauge, 26 inch Barrels, Weight 6 Lbs. 15.00

For Component Parts, See Page 1340.

H. & R. HAMMER



Decarbonized Steel Barrels, for Black or Smokeless, Right Barrel Modified, Left Barrel Full Choke, Imported Walnut Half Pistol Grip Stock and Fore-End, Checkered, Case Hardened Frame, Coil Main and Sear Springs, Rebounding Hammers, Rubber Butt Plate.

No. 750—20 Gauge, 26 and 28 inch Barrels, Weight 6 Lbs. Each \$18.00

SINGLE BARREL SHOT GUNS

IVER JOHNSON, CHAMPION, MODEL 36



Hammer Forged High Carbon Steel Barrel, Browned and Polished, Choke Bored for Smokeless or Black Powder, Adjustable Tension Bar, Selected Black Walnut Stock and Fore-End, Pistol Grip, Oil Finished, Barrel and Lugs Forged in One, Rubber Butt Plate, Case Hardened Frame.

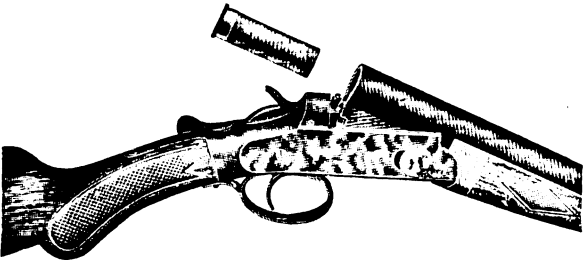
Plain Ejector.

Each
No. 901—12 Gauge, 30 or 32 inch Barrel, Weight 6 3/4 Lbs. \$7.50
No. 090—16 Gauge, 30 inch Barrel, Weight 6 1/2 Lbs.. 7.50
No. 9020—20 Gauge, 28 inch Barrel, Weight 5 1/2 Lbs.. 7.50

Automatic Ejector.

Each
No. 950—12 Gauge, 30 or 32 inch Barrel, Weight 6 3/4 Lbs. \$8.50
No. 095—16 Gauge, 30 inch Barrel, Weight 6 1/2 Lbs.. 8.50
No. 9520—20 Gauge, 28 inch Barrel, Weight 5 1/2 Lbs.. 8.50
No. 9528—28 Gauge, 28 inch Barrel, Weight 5 1/2 Lbs.. 8.50
No. 9544—44 Gauge, 26 inch Barrel, Weight 5 Lbs.. 8.50

IVER JOHNSON

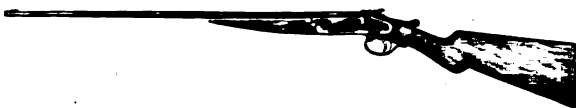


Special Electro Steel Barrel, Choke Bored for Nitro Powder, Top Snap Action, Low Rebounding Hammer, Case Hardened Frame, Walnut Stock, Half Pistol Grip, Checkered, Patent Snap Fore-End Checkered, Rubber Butt Plate.

Automatic Ejector.

Each
No. 12D—12 Gauge, 30 or 32 inch Barrel, Weight 6 3/4 Lbs. \$10.00
No. 16D—16 Gauge, 30 inch Barrel, Weight 6 1/2 Lbs.. 10.00
No. 125—20 Gauge, 26 inch Barrel, Weight 5 1/2 Lbs.. 10.00
For Component Parts, See Page 1345.

IVER JOHNSON, CHAMPION, HAMMER



Automatic Ejector, Lug and Barrel are Forged from One Piece, Joint Pin is Solid in the Frame, Compensating Locking Bolt to Take up Wear, Coil Springs Used Wherever Possible, the Coil Main Spring is Adjustable to Either Light or Heavy Pull, Black Walnut Stock and Fore-End, Rubber Butt Plate.

Each
No. 410—410 Gauge, 26 inch Barrel, Weight 5 1/2 Lbs., Chambered for 410 Gauge Paper Shells. \$8.50

A high grade Gun in every particular, an ideal Gun for small game, light, strong and accurate.

STEVENS, HAMMERLESS TRAP



Automatic Ejector.

Compressed Forged High Pressure Steel Barrels, Hollow Tapered, Matted Entire Length, Barrel and Lug one Integral Piece, Choke Bored for Nitro Powder, Automatic Safety, New Style Cocking Mechanism, Blued Frame, Neat Scroll on Each Side, Pistol Grip Walnut Stock, Capped and Checkered, Special Snap Fore-End, Rubber Butt Plate.

Each
No. 182—12 Gauge, 30 inch Barrel, Weight About 7 Lbs. \$20.00

AUTOLOADING SHOT GUNS

REMINGTON-U. M. C., MODEL No. 11

TAKE DOWN, HAMMERLESS, 12 GAUGE ONLY



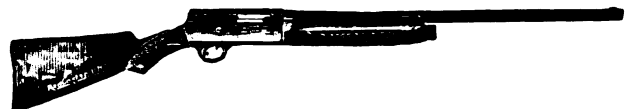
A Five Shot Repeater, Remington Blued Steel Barrel, Solid Breech, Automatic Ejector, Rubber Butt Plate.
STANDARD GRADE.

American Walnut Stock and Fore-End, Half Pistol Grip, Matted Receiver. Each

No. 1228R—(Factory No. 11A) 12 Gauge, 28 inch Barrel, Full Choke, Weight About 7 3/4 Lbs. \$46.50
No. 1228RM—(Factory No. 11A) 12 Gauge, 28 inch Barrel, Modified Choke, Weight About 7 3/4 Lbs. 46.50

STANDARD GRADE WITH RAISED SOLID RIBBED BARREL

Each
No. 1907RB—(Factory No. 11A) 12 Gauge, 28 inch Barrel, Full Choke, Weight About 7 3/4 Lbs. \$54.00
No. 1907RBM—(Factory No. 11A) 12 Gauge, 28 inch Barrel, Modified Choke, Weight About 7 3/4 Lbs. 54.00
Standard Stock Dimensions: Length 14 inches, Drop at Heel 2 1/2 inches, at Comb 1 1/2 inches.



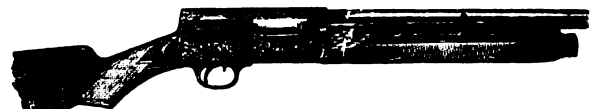
SPECIAL GRADE WITH RAISED SOLID RIBBED BARREL
Selected Imported Walnut Stock and Fore-End, Half Pistol Grip, Checkered, Matted Receiver.

Each
No. 1910RB—(Factory No. 11B) 12 Gauge, 28 inch Barrel, Full Choke, Weight About 7 3/4 Lbs. \$65.50
No. 1910RBM—(Factory No. 11B) 12 Gauge, 28 inch Barrel, Modified Choke, Weight About 7 3/4 Lbs. 65.50
Standard Stock Dimensions: Length 14 inches, Drop at Heel 2 1/2 inches, at Comb 1 1/2 inches.



TRAP GRADE, WITH RAISED SOLID RIBBED BARREL
Selected Imported Walnut Stock and Fore-End, Checkered Straight Pistol Grip, Matted Receiver.

Each
No. 3RB—(Factory No. 11C) 12 Gauge, 28 inch Barrel, Full Choke, Weight About 7 3/4 Lbs. \$65.50
Standard Stock Dimensions: Length 14 1/4 inches, Drop at Heel 2 1/4 inches, at Comb 1 1/2 inches.

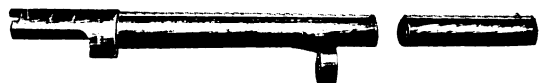


Made to Order Only.

TOURNAMENT GRADE, WITH RAISED SOLID RIBBED BARREL

Especially Selected Imported Walnut Stock and Fore-End, Half Pistol Grip, Hand Checkered, Rich Scroll Engraving.

Each
*No. 11D—(Factory No. 11D) 12 Gauge, 28 inch Barrel, Full Choke, Weight About 7 3/4 Lbs. \$88.50
Standard Stock Dimensions: Length 14 inches, Drop at Heel 2 1/2 inches, at Comb 1 1/2 inches.
*Not Carried in Stock, Shipped Direct from Factory within Two or Three Days.



Raised Solid Ribbed Barrels can be furnished (direct from factory) on any of the above Guns at an extra charge of \$7.50 over price of Round Barrel.

For Component Parts, See Page 1341.

REPEATING SHOT GUNS

REMINGTON-U. M. C., MODEL No. 10
PUMP ACTION, TAKE DOWN, HAMMERLESS

Made in 12 Gauge Only.

A Six Shot Repeater, Remington Blued Steel Barrel, Matted Receiver, Solid Breech, Rubber Butt Plate.

**STANDARD GRADE**

American Walnut Stock and Fore-End, Half Pistol Grip.

Each

No. 1908R—(Factory No. 10A) 12 Gauge, 30 and 32 inch Barrel, Full Choke, Weight About 7½ Lbs. . . \$36.50

No. 1908RM—(Factory No. 10A) 12 Gauge, 30 inch Barrel, Modified Choke, Weight About 7½ Lbs. . . 36.50

STANDARD GRADE, WITH RAISED SOLID RIBBED BARREL

Each

No. 02RB—(Factory No. 10A) 12 Gauge, 30 inch Barrel, Full Choke, Weight About 7½ Lbs. . . \$44.00

No. 02RBM—(Factory No. 10A) 12 Gauge, 30 inch Barrel, Modified Choke, Weight About 7½ Lbs. . . 44.00

Standard Stock Dimensions: Length 13¾ inches, Drop at Heel 2¼ inches, at Comb 1¼ inches.

**SPECIAL GRADE**

Selected Imported Walnut Stock and Fore-End, Half Pistol Grip, Checkered.

Each

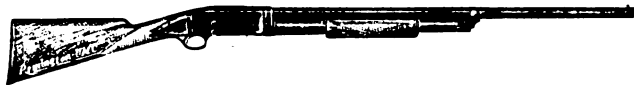
No. 1909R—(Factory No. 10B) 12 Gauge, 30 inch Barrel, Full Choke, Weight About 7½ Lbs. . . \$61.00

SPECIAL GRADE, WITH RAISED SOLID RIBBED BARREL

Each

No. 1914RB—(Factory No. 10B) 12 Gauge, 30 inch Barrel, Full Choke, Weight About 7½ Lbs. . . \$68.50

Standard Stock Dimensions: Length 13¾ inches, Drop at Heel 2¼ inches, at Comb 1¼ inches.

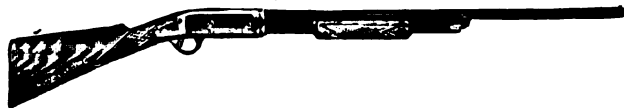
**TRAP SPECIAL GRADE**

Matted Barrel, American Walnut Stock and Fore-End, Straight Grip, Checkered.

Each

No. 1915S—(Factory No. 10S) 12 Gauge, 30 inch Barrel, Full Choke, Weight About 7½ Lbs. . . \$52.00

Standard Stock Dimensions: Length 14 inches, Drop at Heel 2 inches, at Comb 1½ inches.

**TRAP GRADE**

Selected Curly Imported Walnut Stock and Fore-End, Straight Grip, Checkered.

Each

No. 1916C—(Factory No. 10C) 12 Gauge, 30 inch Barrel, Full Choke, Weight About 7½ Lbs. . . \$61.00

TRAP GRADE, WITH RAISED SOLID RIBBED BARREL

Each

No. 003RB—(Factory No. 10C) 12 Gauge, 30 inch Barrel, Full Choke, Weight About 7½ Lbs. . . \$68.50

Standard Stock Dimensions: Length 14 inches, Drop at Heel 2 inches, at Comb 1½ inches.

**TOURNAMENT GRADE**

Specially Selected Imported Walnut Stock and Fore-End, Attractive Checkering, Rich Scroll Hand Engraving, Hand Polished Working Parts.

Each

*No. 1917D—(Factory No. 10D) 12 Gauge, 30 inch Barrel, Full Choke, Weight About 7½ Lbs. . . \$70.00
Furnished with a Raised Solid Ribbed Barrel at \$5.00 extra list.

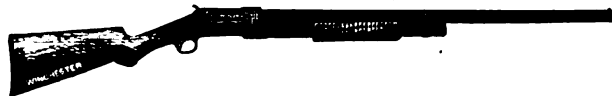
Standard Stock Dimensions: Length 13¾ inches, Drop at Heel 2¼ inches, at Comb 1¼ inches.

*Not Carried in Stock, Shipped Direct from Factory, within Two or Three Days.

For Component Parts, See Page 1342.

REPEATING SHOT GUNS

WINCHESTER, MODEL 1897, TAKE DOWN

**STANDARD GRADE**

Rolled Steel Barrel, for Black or Smokeless Powder, Blued Frame, Plain Wood Pistol Grip Stock and Fore-End, Steel Butt Plate, 6 Shots.

Each

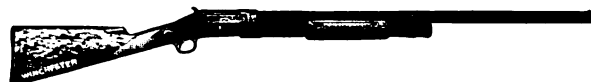
No. 74—12 Gauge, 28 inch Barrel, Full Choke, Weight About 7¼ Lbs. . . \$27.00

No. 75—12 Gauge, 30 inch Barrel, Full Choke, Weight About 7¼ Lbs. . . 27.00

No. 76—12 Gauge, 32 inch Barrel, Full Choke, Weight About 8 Lbs. . . 27.00

No. 77—16 Gauge, 28 inch Barrel, Full Choke, Weight About 7½ Lbs. . . 27.00

Standard Stock Dimensions: 12 Gauge, Length 13¾ inches, Drop at Heel 2¼ inches, at Comb 1¼ inches; 16 Gauge, Length 13¼ inches, Drop at Heel 2¼ inches, at Comb 1¼ inches.

**TOURNAMENT GRADE**

Rolled Steel Barrel, Handsomely Matted on the Top, Well Shaped Straight Grip Stock of Selected Walnut, with a Dark Rich Oil Finish, Checkered Grip and Fore-End, Heavy Round Comb, Rubber Butt Plate, 6 Shots.

Each

No. 163—12 Gauge, 30 inch Barrel, Full Choke, Weight About 7¼ Lbs. . . \$42.00

No. 164—12 Gauge, 28 inch Barrel, Full Choke, Weight About 7¼ Lbs. . . 42.00

Equipped with a new style cartridge stop release which permits unloading shells from the magazine without working them through the gun.

Standard Stock Dimensions: Length 14 inches, Drop at Heel 1¼ inches, at Comb 1¼ inches.

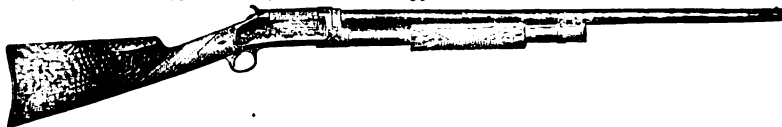
TRAP GRADE, SIX SHOTS

Rolled Steel Matted Barrel, Bored for Smokeless Powder, Selected Fancy Walnut Hand Made Stock, Oil Finished, Straight Checkered Grip and Fore-End, Checkered Rubber Butt Plate, Chambered for 2¾ inch Shells.

Each

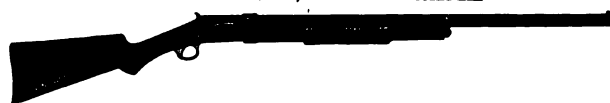
No. 162—12 Gauge, 30 inch Barrel, Full Choke, Weight About 7¼ Lbs. . . \$52.00

Standard Stock Dimensions: Length 13¾ inches, Drop at Heel 2¼ inches, at Comb 1¼ inches.

**PIGEON GRADE, SIX SHOTS**

This Grade Gun is Made According to the Same Specifications as the No. 162 Trap Grade, but in Addition the Frame is Elaborately Engraved, with Considerable Hand Work.

No. 165—12 Gauge, 28 inch Barrel, Full Choke, Weight About 7¼ Lbs. . . \$100.00

MODEL 1897, SOLID FRAME**STANDARD GRADE**

Rolled Steel Barrel, for Black or Smokeless Powder, Blued Frame, Plain Wood Pistol Grip Stock and Fore-End, Steel Butt Plate, 6 Shots.

Each

No. 72—12 Gauge, 30 inch Barrel, Full Choke, Chambered for 2¾ inch Shells, Weight About 7½ Lbs. . . \$25.00

Standard Stock Dimensions: Length 13¾ inches, Drop at Heel 2¼ inches, at Comb 1¼ inches.

BRUSH GUN, FIVE SHOTS

Rolled Steel Barrel, for Black or Smokeless Powder, Blued Frame, Plain Walnut Stock with Well Shaped Pistol Grip, Steel Butt Plate.

Each

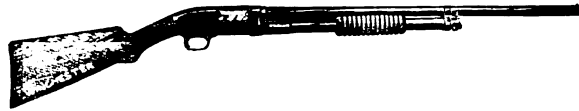
No. 160—12 Gauge, 26 inch Barrel, Cylinder Bored, Chambered for 2¾ inch Shells, Weight About 7 Lbs. . . \$25.00

For Component Parts, See Page 1343.

REPEATING SHOT GUNS

WINCHESTER, MODEL 1912, HAMMERLESS, TAKE DOWN

All Metal Parts of this Model are Made of Nickel Steel, which has About Double the Breaking Strength of Ordinary Steel.



STANDARD

Nickel Steel Barrel, Plain Walnut Pistol Grip Stock and Action Slide Handle, Rubber Butt Plate, 6 Shots.

12 Gauge, Chambered for 2¾ inch Shells, Weight About 7¼ Lbs.

With Plain Barrel.

	Each
No. 80 —12 Gauge, 26 inch Barrel, Full Choke.....	\$36.00
No. 80M—12 Gauge, 26 inch Barrel, Modified Choke...	36.00
No. 81 —12 Gauge, 28 inch Barrel, Full Choke.....	36.00
No. 81M—12 Gauge, 28 inch Barrel, Modified Choke...	36.00
No. 82 —12 Gauge, 30 inch Barrel, Full Choke.....	36.00
No. 82M—12 Gauge, 30 inch Barrel, Modified Choke...	36.00
No. 83 —12 Gauge, 32 inch Barrel, Full Choke.....	36.00
No. 83M—12 Gauge, 32 inch Barrel, Modified Choke...	36.00

With Raised Matted Rib Barrel.

No. 80R —12 Gauge, 26 inch Barrel, Full Choke....	\$42.00
No. 80RM—12 Gauge, 26 inch Barrel, Modified Choke..	42.00
No. 81R —12 Gauge, 28 inch Barrel, Full Choke.....	42.00
No. 81RM—12 Gauge, 28 inch Barrel, Modified Choke..	42.00
No. 82R —12 Gauge, 30 inch Barrel, Full Choke.....	42.00
No. 82RM—12 Gauge, 30 inch Barrel, Modified Choke..	42.00
No. 83R —12 Gauge, 32 inch Barrel, Full Choke.....	42.00
No. 83RM—12 Gauge, 32 inch Barrel, Modified Choke..	42.00

16 Gauge, Chambered for 2⅝ inch Shells, Weight About 6 Lbs.

With Plain Barrel.

	Each
No. 84 —16 Gauge, 26 inch Barrel, Full Choke.....	\$36.00
No. 84M—16 Gauge, 26 inch Barrel, Modified Choke...	36.00

With Raised Matted Rib Barrel.

	Each
No. 84R —16 Gauge, 26 inch Barrel, Full Choke....	\$42.00
No. 84RM—16 Gauge, 26 inch Barrel, Modified Choke..	42.00

20 Gauge, Chambered for 2½ inch Shells, Weight About 5¾ Lbs.

With Plain Barrel.

	Each
No. 85 —20 Gauge, 25 inch Barrel, Full Choke.....	\$36.00
No. 85M—20 Gauge, 25 inch Barrel, Modified Choke...	36.00

With Raised Matted Rib Barrel.

	Each
No. 85R —20 Gauge, 25 inch Barrel, Full Choke....	\$42.00
No. 85RM—20 Gauge, 25 inch Barrel, Modified Choke..	42.00

Standard Stock Dimensions: 12 Gauge, Length 13 ¾ inches, Drop at Heel 2½ inches, at Comb 1½ inches; 16 Gauge, Length 13 ¾ inches, Drop at Heel 2½ inches, at Comb 1½ inches; 20 Gauge, Length 13 ¾ inches, Drop at Heel 2½ inches, at Comb 1½ inches.

TOURNAMENT, MODEL 1912

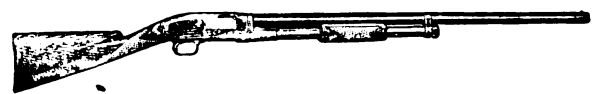


Nickel Steel Barrel, Selected Walnut Stock and Action Slide Handle, Oil Finished, Checkered Straight Grip, Rubber Butt Plate, 6 Shots.

	Each
No. 86—12 Gauge, 30 inch Raised Matted Rib, Full Choke, Chambered for 2¾ inch Shells, Weight About 7½ Lbs.....	\$55.25

Standard Stock Dimensions: Length 14 inches, Drop at Heel 1¾ inches, at Comb 1⅝ inches.

TRAP GRADE, MODEL 1912

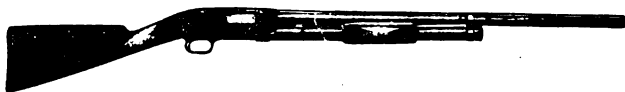


Nickel Steel Barrel, Selected Walnut Hand Made Stock and Action Slide Handle, Oil Finished, Checkered Straight Grip, Full Rounded Comb, Rubber Butt Plate, 6 Shots.

	Each
No. 87—12 Gauge, 30 inch Barrel with Raised Matted Rib, Full Choke, Weight About 7½ Lbs.....	\$66.00
No. 88—20 Gauge, 25 inch Barrel with Raised Matted Rib, Full Choke, Weight About 6¼ Lbs.....	66.00

Standard Stock Dimensions: 12 Gauge, Length 13 ¾ inches, Drop at Heel 1¾ inches, at Comb 1⅝ inches; 20 Gauge, Length 13 ¾ inches, Drop at Heel 2½ inches, at Comb 1½ inches.

PIGEON GRADE, MODEL 1912



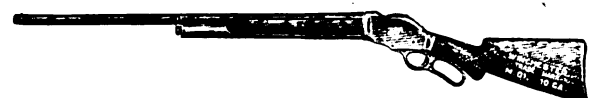
Same Description and Specifications as the Trap Grade, but in Addition it is Beautifully and Elaborately Engraved, and Finished with Special Care.

	Each
*No. 89—12 Gauge, 28 inch Barrel with Raised Matted Rib, Full Choke, Weight About 7½ Lbs.....	\$112.75
*No. 90—20 Gauge, 25 inch Barrel with Raised Matted Rib, Full Choke, Weight About 6¼ Lbs.....	112.75

*Not Carried in Stock, Sold Only for Direct Factory Shipment.

For Component Parts for Model 1912. See Page 1344.

WINCHESTER, MODEL 1901, LEVER ACTION SOLID FRAME



Made in 10 Gauge Only.

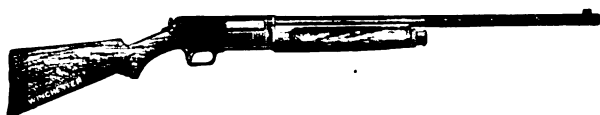
Rolled Steel Barrel, for Black or Smokeless Powder, Walnut Stock, Plain Pistol Grip, 6 Shots.

	Each
No. 1901L—10 Gauge, 32 inch Barrel, Full Choke, Chambered for Shells up to 2 ⅞ inches, Weight About 8 ¾ Lbs.....	\$34.20

Standard Stock Dimensions: Length 13 inches, Drop at Heel 2⅝ inches, at Comb 1 ⅞ inches.

SELF-LOADING SHOT GUNS

WINCHESTER, MODEL 1911, HAMMERLESS, TAKE DOWN



STANDARD

Nickel Steel Barrel, Plain Wood Pistol Grip Stock and Fore-End, Rubber Butt Plate, Chambered for $2\frac{3}{4}$ inch Shells, 5 Shot, Weight About 7 $\frac{3}{4}$ Lbs. With Plain Barrel.

Each
No. 94—12 Gauge, 28 inch Barrel, Full Choke.....\$42.35
*No. 96—12 Gauge, 28 inch Barrel, Modified Choke.. 42.35

With Matted Barrel.

Each
No. 94M—12 Gauge, 28 inch Barrel, Full Choke.....\$48.00
*No. 96M—12 Gauge, 28 inch Barrel, Modified Choke.. 48.00

Standard Stock Dimensions: Length 13 $\frac{3}{4}$ inches, Drop at Heel 2 $\frac{3}{8}$ inches, at Comb 1 $\frac{1}{2}$ inches.

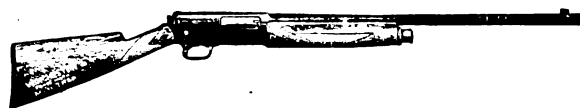


FANCY FINISHED

Nickel Steel Barrel, Fancy Walnut Pistol Grip Stock and Fore-End, Nicely Checkered, Rubber Butt Plate, 5 Shots.

Each
*No. 98—12 Gauge, 28 inch Barrel, Full Choke, Chambered for $2\frac{3}{4}$ inch Shells, Weight About 7 $\frac{3}{4}$ Lbs.\$64.00

Standard Stock Dimensions: Length 13 $\frac{3}{4}$ inches, Drop at Heel 2 $\frac{3}{8}$ inches, at Comb 1 $\frac{1}{2}$ inches.



TRAP GRADE

Nickel Steel Barrel, Matted, Selected Fancy Hand Made Straight Grip Stock and Fore-End, Oil Finished and Checkered, Checkered Rubber Butt Plate, 5 Shots.

Each
*No. 99—12 Gauge, 28 inch Barrel, Full Choke, Chambered for $2\frac{3}{4}$ inch Shells, Weight About 7 $\frac{3}{4}$ Lbs.\$80.00

Standard Stock Dimensions: Length 13 $\frac{3}{4}$ inches, Drop at Heel 2 $\frac{3}{8}$ inches, at Comb 1 $\frac{1}{2}$ inches.

The Winchester Self-Loading Shotgun is a recoil operated, hammerless, take down repeater. The recoil developed by the discharge of the gun cocks the hammer, ejects the fired shell, feeds a loaded shell from the magazine into the chamber and leaves the gun ready to be shot again.

The barrel, receiver, magazine and all working parts of this gun throughout are made of Nickel steel, which has a far greater tensile strength and elastic limit than the steel used by other makers.

MARLIN REPEATING SHOT GUNS

Solid Steel Breech, Solid Top, Side Ejection, Automatic Recoil Hang Fire Safety Device, Double Extractors, Press Button Cartridge Release, Trigger and Hammer Safety are Up-to-Date Features.

MODEL 28, HAMMERLESS, TAKE DOWN



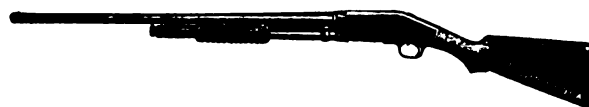
Special Rolled Steel Barrel, Matted on Top Entire Length, Fine Straight Grained American Black Walnut Stock, Pistol Grip, Rubber Butt Plate, 6 Shots.

Each
No. 28A—12 Gauge, 30 or 32 inch Barrel, Full Choke, Weight About 8 Lbs.\$25.75

Standard Stock Dimensions: Length 13 $\frac{1}{2}$ inches, Drop at Heel 2 $\frac{1}{2}$ inches, at Comb 1 $\frac{1}{2}$ inches.

The barrel is Special Rolled Steel, heavy at breech, tapering nicely toward muzzle; this clean, perfect tube with an even thickness of metal on all sides, gives uniform expansion and even distribution of the shot, secures extreme range and pattern; the single barrel shoots exactly where you hold, and is guaranteed to place more than 325 pellets in a 30 inch circle at 40 yards, using 1 $\frac{1}{4}$ ounces No. 8 chilled shot.

MODEL 31, 20 GAUGE, HAMMERLESS, TAKE DOWN



This Model is similar to the Model 28, but built smaller neater and trimmer throughout, has the same up-to-date features, a light weight gun of beautiful proportion, finely balanced.

Special Rolled Steel Barrel, Handsomely Matted, Fine Straight Grained American Black Walnut Stock and Fore-End, Pistol Grip, Rubber Butt Plate, 5 Shots, Chambered for $2\frac{1}{2}$ or $2\frac{3}{4}$ inch Shells.

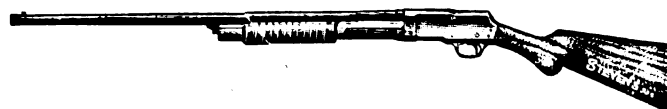
Each
No. 31A—20 Gauge, 25 inch Barrel, Full Choke, Weight About 5 $\frac{1}{2}$ Lbs.\$27.75

Standard Stock Dimensions: Length 13 $\frac{1}{2}$ inches, Drop at Heel 2 $\frac{1}{4}$ inches, at Comb 1 $\frac{1}{4}$ inches.

The finest little repeater for woodcock, snipe, bob white or quail, for grouse, partridge or prairie chickens, rabbits and squirrels, has ample range and power.

STEVENS REPEATING SHOT GUNS

TAKE DOWN, HAMMERLESS



High Pressure Compressed Steel Barrel, Bored for Nitro Powder, Solid Breech, Drop Forged Receiver, Visible Locking Block, Safety Firing Pin, Independent Safety, Plain Walnut Stock and Slide Handle, Pistol Grip, Rubber Butt Plate, 6 Shots.

Each
No. 520 —12 Gauge, 30 inch Barrel, Full Choke, Weight About 7 $\frac{3}{4}$ Lbs.\$26.75

*No. 520M—12 Gauge, 30 inch Barrel, Modified Choke, Weight About 7 $\frac{3}{4}$ Lbs. 26.75

Standard Stock Dimensions: Length 13 $\frac{3}{4}$ inches, Drop at Heel 2 $\frac{3}{8}$ inches, at Comb 1 $\frac{1}{2}$ inches.

20 Gauge, 5 Shot, Repeater.

Each
No. 200—20 Gauge, 28 inch Barrel, Full Choke, Chambered for $2\frac{1}{2}$ to 3 inch Shells, Weight 6 $\frac{1}{2}$ Lbs.\$21.60

Standard Stock Dimensions: Length 13 $\frac{1}{2}$ inches, Drop at Heel 2 $\frac{1}{2}$ inches.

*Not Carried in Stock, Sold Only for Direct Factory Shipment.

REPEATING RIFLES

REMINGTON-U. M. C.

MODEL 14, HIGH POWER SPORTING



Chambered for .25, .30, .32 and .35 Remington Rimless C. F. Cartridges.

STANDARD GRADE, TAKE DOWN, HAMMERLESS, SIX SHOTS

Slide Action, Solid Breech, Spiral Magazine, American Walnut Stock, Half Pistol Grip, Shot Gun Style Rubber Butt Plate, Patented Quick Adjustable Straight Bar Rear Sight, New Design Copper Bead Front Sight.

22 inch Ordnance Steel Barrel, Weight 6¾ Lbs.

Each

No. 1425—(Factory No. 14A)	.25 Caliber.....	\$29.50
No. 1430—(Factory No. 14A)	.30 Caliber.....	29.50
No. 1432—(Factory No. 14A)	.32 Caliber.....	29.50
No. 1435—(Factory No. 14A)	.35 Caliber.....	29.50

CARBINE GRADE, SIX SHOTS

American Walnut Stock, Straight Grip.

18½ inch Ordnance Steel Barrel, Weight 6½ Lbs.

Each

No. 1425RC—(Factory No. 14R)	.25 Caliber.....	\$28.50
No. 1430RC—(Factory No. 14R)	.30 Caliber.....	28.50
No. 1432RC—(Factory No. 14R)	.32 Caliber.....	28.50
No. 1435RC—(Factory No. 14R)	.35 Caliber.....	28.50

For Component Parts, See Page 1349.

MODEL 14½, SPORTING



STANDARD GRADE, TAKE DOWN, HAMMERLESS, NINE SHOTS

Slide Action, Solid Breech, American Walnut Stock and Fore-End, Half Pistol Grip, Shot Gun Style Rubber Butt Plate, Same Sights as Model 14.

22 inch Round Steel Barrel, Weight About 6¾ Lbs.

Each

No. 1438½A—(Factory No. 14½A)	.38-40 Caliber...	\$26.50
No. 1444½A—(Factory No. 14½A)	.44 Caliber.....	26.50

CARBINE GRADE, SIX SHOTS

American Walnut Stock, Straight Grip, Otherwise Same Description as Standard Grade.

18½ inch Round Steel Barrel, Weight 6½ Lbs.

Each

No. 1438RC—(Factory No. 14½R)	.38-40 Caliber...	\$26.00
No. 1444RC—(Factory No. 14½R)	.44 Caliber.....	26.00

For Component Parts, See Page 1349.

AUTOLOADING RIFLES

REMINGTON-U. M. C., MODEL 16, 22 CALIBER



STANDARD GRADE, HAMMERLESS, TAKE DOWN

Solid Breech, American Walnut Straight Grip Stock and Fore-End, Steel Rifle Butt Plate, Adjustable Straight Bar Rear and White Metal Bead Front Sights.

Each

No. 7—(Factory No. 16A) .22 Caliber, 22 inch Round Steel Barrel, Chambered for .22 Remington Auto-loading R. F. Cartridges, 16 Shots, Weight 5¾ Lbs. \$26.50
Magazine—A single tube holding 15 cartridges is arranged within the stock where it is protected from injury. The loading hole is on the bottom of the stock.

REPEATING RIFLES

REMINGTON-U. M. C.

MODEL 12, .22 CALIBER, HAMMERLESS, TAKE DOWN

The Remington-U. M. C. Solid Breech Hammerless Take-Down .22 Caliber Repeating Rifle is modeled after the lines of the Remington-U. M. C. Pump Gun, which has established the reputation of having the most graceful lines of any repeating arm on the market. The action is strong and simple. The positive extraction and feeding of cartridges and the absolute locking of the action when cocked, together with other excellent features, places this rifle far in the lead.



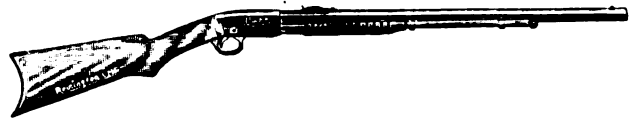
STANDARD GRADE

Solid Breech, Side Ejection, Straight Grip Walnut Stock and Fore-End, Rubber Butt Plate.

Each

No. 1—(Factory No. 12A) .22 Caliber, 22 inch Round Steel Barrel with 16 inch Twist, Chambered to Take without Any Adjustment .22 Short, Long and Long Rifle R. F. Cartridges, Weight 4½ Lbs. \$16.50

Capacity of Magazine: Fifteen .22 Short; Twelve .22 Long; Eleven .22 Long Rifle R. F. Cartridges.



GALLERY SPECIAL GRADE, FOR .22 SHORT ONLY

Solid Breech, Side Ejection, Walnut Half Pistol Grip Stock and Fore-End, Steel Rifle Butt Plate.

Each

No. 2—(Factory No. 12B) .22 Caliber, 24 inch Octagon Steel Barrel with 24 inch Twist, Chambered for .22 Short R. F. Cartridges Only, Capacity of Magazine 15 Cartridges, Weight 5½ Lbs. \$20.50



Cartridge for No. 4 Rifle.

TARGET GRADE

Solid Breech, Side Ejection, Walnut Half Pistol Grip Stock and Fore-End, Steel Rifle Butt Plate.

Each

No. 3—(Factory No. 12C) .22 Caliber, 24 inch Octagon Steel Barrel with 16 inch Twist, Chambered to Take without Any Adjustment .22 Short, Long and Long Rifle R. F. Cartridges, Weight 5½ Lbs. \$20.50

Capacity of Magazine: Fifteen .22 Short; Twelve .22 Long; Eleven .22 Long Rifle R. F. Cartridges.

REMINGTON SPECIAL GRADE

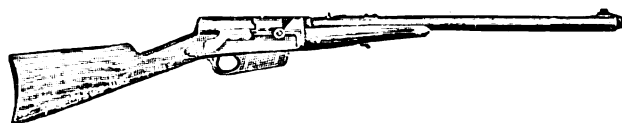
Each

No. 4—(Factory No. 12CS) .22 Caliber, 24 inch Octagon Steel Barrel with 16 inch Twist, Same Description as No. 3, but Chambered for the .22 Remington Special (.22 W. R. F.) Cartridge, Magazine Holds Nine Cartridges \$20.50

For Component Parts, See Page 1350.

AUTOLOADING RIFLES

REMINGTON-U. M. C., MODEL No. 8



A Five Shot Repeater.

STANDARD GRADE, HAMMERLESS, TAKE DOWN

Box Magazine, Solid Breech, American Walnut Straight Grip Stock, Shot Gun Butt, Rubber Butt Plate, Adjustable Buckram Step Rear Sight, Special Shaded Steel Bead Front Sight.

22 inch Ordnance Steel Barrel, Weight 7 $\frac{3}{4}$ Lbs.

	Each
No. R25—(Factory No. 8A) .25 Caliber.....	\$42.50
No. R30—(Factory No. 8A) .30 Caliber.....	42.50
No. R32—(Factory No. 8A) .32 Caliber.....	42.50
No. R35—(Factory No. 8A) .35 Caliber.....	42.50
	Per Dozen
Extra Clips—Holding Five Cartridges.....	\$1.60

This Rifle has a Box Magazine and is loaded with a Clip, the same as Modern Military Arms. The Magazine can also be loaded without a Clip.

SINGLE SHOT RIFLES

REMINGTON-U. M. C., NEW MODEL No. 6



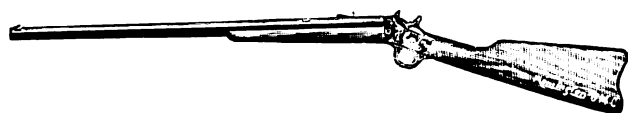
Take Down.

Case Hardened Frame, Walnut Stock and Fore-End, Finely Finished Steel Butt Plate, New Design Open Front, Rear and Tang Peep Sights.

	Each
No. 622—(Factory No. 6) .22 Caliber, 20 inch Tapered Round Steel Barrel, Chambered for .22 Short, Long and Long Rifle R. F. Cartridges, Weight About 3 $\frac{1}{2}$ to 4 Lbs.....	\$5.00
No. 622S—(Factory No. 6) .22 Caliber, Smooth Bore for .22 Short Cartridges, Otherwise Same as No. 622	5.00
No. 632—(Factory No. 6) .32 Caliber, Chambered for .32 Short and Long R. F. Cartridges, Otherwise Same as No. 622.....	5.00

For Component Parts, See Page 1351.

NEW MODEL No. 4



Take Down, Automatic Ejector.

Forged Case Hardened Frame, Walnut Stock and Fore-End, Steel Butt Plate, Open Sights.

	Each
No. 422—(Factory No. 4) .22 Caliber, 22 $\frac{1}{2}$ inch Tapered Octagon Steel Barrel, Chambered for .22 Short and Long R. F. Cartridges, Weight 4 $\frac{1}{4}$ Lbs.....	\$8.00

WINCHESTER REPEATING RIFLES

MODEL 1886



The Strongest Repeating Rifle Made.
Extra Light Weight Model.

22 inch Round Nickel Steel Barrel, Half Magazine, Holds Four Cartridges, Plain Wood Straight Grip Stock, Shot Gun Butt, Rubber Butt Plate.

	Each
No. 457—Solid Frame, .45-70 Caliber, Weight About 6 $\frac{3}{4}$ Lbs.	\$29.00
No. 0457—Take Down Frame, .45-70 Caliber, Weight About 7 $\frac{1}{4}$ Lbs.....	34.70

.33 Caliber, Winchester Smokeless Model 1886.

Plain Wood Straight Grip Stock, Plain Trigger, Shot Gun Butt, Rubber Butt Plate.

	Each
No. 133—Solid Frame, .33 Caliber, 24 inch Round Nickel Steel Barrel, Half Magazine, Holds Five Cartridges, Weight About 7 $\frac{1}{2}$ Lbs.....	\$29.00

SELF-LOADING, MODEL 1907



Take Down, Hammerless, Box Type Magazine.

Plain Trigger, Plain Walnut Pistol Grip Stock and Fore-End, Blued Trimmings, Rubber Butt Plate.

	Each
No. 351—.351 Caliber High Power, 20 inch Round Nickel Steel Barrel, 6 Shots, Weight About 7 $\frac{3}{4}$ Lbs.	\$32.00
Extra Magazine, Holding 5 Cartridges.....	1.50

SELF-LOADING, MODEL 1910



Take Down, Hammerless.

Plain Trigger, Plain Walnut Pistol Grip Stock and Fore-End, Rubber Butt Plate, Detachable Magazine.

	Each
No. 401—.401 Caliber High Power, 20 inch Round Nickel Steel Barrel, 5 Shots, Weight About 8 $\frac{1}{4}$ Lbs.	\$38.00
Extra Magazines, Holding 4 Cartridges.....	1.70

WINCHESTER SINGLE SHOT RIFLES

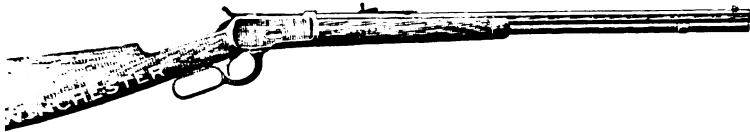


Plain Sporting Rifle, Solid Frame.

	Each
No. 310—.22 Caliber, Short Rim Fire, 24 inch Octagon Steel Barrel, Weight About 6 $\frac{3}{4}$ Lbs.....	\$18.50
No. 311—.22 Caliber, Long Rim Fire, 24 inch Octagon Steel Barrel, Weight About 6 $\frac{3}{4}$ Lbs.....	18.50

WINCHESTER REPEATING RIFLES

MODEL 1892 SPORTING RIFLE



Solid Frame, Full Magazine, Plain Trigger, Metal Butt Plate.

Each

- No. 318—.25-20 Caliber, 24 inch Octagon Steel Barrel, 14 Shots, Weight About 7 Lbs. \$21.00
- No. 315—.32 W. C. F. Caliber, 24 inch Octagon Steel Barrel, 14 Shots, Weight About 7 Lbs. 21.00
- No. 316—.38 W. C. F. Caliber, 24 inch Octagon Steel Barrel, 14 Shots, Weight About 7 Lbs. 21.00

Take Down Frame, Full Magazine, Plain Trigger, Metal Butt Plate.

Each

- No. 404—.25-20 Caliber, 24 inch Octagon Steel Barrel, 14 Shots, Weight About 7 1/4 Lbs. \$29.00

MODEL 1892 CARBINE

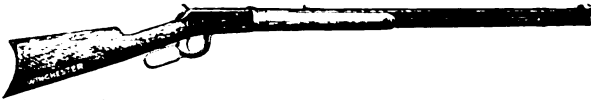


Solid Frame, Full Magazine, Plain Trigger.

Each

- No. 226—.44 W. C. F. Caliber, 20 inch Round Steel Barrel, 12 Shots, Weight About 5 3/4 Lbs. \$20.00

MODEL 1894 SPORTING RIFLE



Solid Frame, Full Magazine, Plain Trigger, Metal Butt Plate.

Each

- No. 321—.25-35 Caliber, 26 inch Octagon Nickel Steel Barrel, 9 Shots, Weight About 8 Lbs. \$27.00
- No. 403—.30 W. C. F. Caliber, 26 inch Round Nickel Steel Barrel, 9 Shots, Weight About 7 3/4 Lbs. 25.00
- No. 322—.30 W. C. F. Caliber, 26 inch Octagon Nickel Steel Barrel, 9 Shots, Weight About 8 Lbs. 27.00
- No. 261—.32 Winch. Special Caliber, 26 inch Octagon Nickel Steel Barrel, 9 Shots, Weight About 8 Lbs. 27.00
- No. 319—.32-40 Caliber, 26 inch Octagon Steel Barrel, 9 Shots, Weight About 8 Lbs. 21.00
- No. 400—.38-55 Caliber, 28 inch Octagon Steel Barrel, 9 Shots, Weight About 8 Lbs. 24.00

Take Down Frame, Full Magazine, Plain Trigger, Metal Butt Plate.

Each

- No. 225—.32-40 Caliber, 26 inch Octagon Steel Barrel, 9 Shots, Weight About 8 Lbs. \$29.00
- No. 325—.38-55 Caliber, 26 inch Octagon Steel Barrel, 9 Shots, Weight About 8 Lbs. 29.00



Solid Frame.

Full Magazine, Pistol Grip Stock and Fore-End Checkered.

Each

- No. 322P—.30 W. C. F. Caliber, 26 inch Octagon Nickel Steel Barrel, 9 Shots, Weight About 8 Lbs. \$32.00
- No. 320P—.38-55 Caliber, 26 inch Octagon Nickel Steel Barrel, 9 Shots, Weight About 8 Lbs. 32.00

Take Down.

Half Magazine, Plain Trigger, Checkered Plain Walnut Pistol Grip Stock and Fore-End, Shot Gun Stock, Rubber Butt Plate.

Each

- No. 323TD—.30 W. C. F. Caliber, 26 inch Half Octagon Nickel Steel Barrel, 5 Shots, Weight About 7 1/2 Lbs. \$38.00

For Component Parts, See Page 1352.

MODEL 1894 CARBINE



Solid Frame, Full Magazine, Plain Trigger.

Each

- No. 326—.30 W. C. F. Caliber, 20 inch Round Nickel Steel Barrel, 7 Shots, Weight 6 1/2 Lbs. \$24.00
- No. 426—.32 Winch. Special Caliber, 20 inch Round Nickel Steel Barrel, 7 Shots, Weight 6 1/2 Lbs. 24.00

For Component Parts, See Page 1352.

MODEL 1906



Extra Light Weight, Take Down.

Straight Grip Stock, Rubber Butt Plate, Sporting Front Sight, Adjustable Open Rear Sight, Chambered for .22 Short, Long and Long Rifle Rim Fire Cartridges.

Each

- No. 1906—.22 Caliber, Rim Fire, 20 inch Round Steel Barrel, Weight About 5 Lbs. \$16.00
- Capacity of Magazine: Fifteen .22 Short, Twelve .22 Long, or Eleven .22 Long Rifle Cartridges.

The Winchester Model 1906 Rifle is a compact, light weight Take Down Rifle, attractive in appearance and outline. In accuracy, reliability of operation and excellence of finish it is fully up to the established Winchester Standard.

For Component Parts, See Page 1351.

MODEL 1890



Take Down, Plain Trigger.

24 inch Octagon Steel Barrel, Plain Wood Straight Grip Stock, for Black or Smokeless Powder Cartridges.

Each

- No. 312—.22 Caliber, Taking .22 Short Rim Fire, Cartridges Only, 15 Shots, Weight 5 1/4 Lbs. \$17.50
- No. 313—.22 Caliber, Taking .22 Long Rim Fire Cartridges Only, 12 Shots, Weight 5 1/4 Lbs. 17.50
- No. 314—.22 Caliber, Taking .22 W. R. F. Rim Fire Cartridges Only, 12 Shots, Weight 5 1/4 Lbs. 17.50

Note—The Cartridges for above Rifles will not interchange; the proper Cartridge for the Rifle is marked on the top of each barrel. In ordering select the Cartridge you want to use.

For Component Parts, See Page 1351.

MODEL 1903 AUTOMATIC



For .22 Winchester Automatic Rim Fire Cartridges. Hammerless, Take Down.

Plain Trigger, Plain Walnut Straight Grip Stock and Fore-End, Blued Trimmings, with Safety Attachment, Open Front and Rear Sights, Chambered for .22 Winchester Automatic R. F. Cartridges Only.

Each

- No. 01903—.22 Caliber, 20 inch Round Steel Barrel, 10 Shots, Weight 5 1/4 Lbs. \$27.00

The Winchester Model 1903 is a ten-shot, automatic, hammerless, take-down rifle, using a new, inexpensive Rim Fire Cartridge, known as the .22 Caliber Winchester Automatic, loaded with Smokeless Powder and Winchester Greaseless Bullet. No other size of .22 Caliber Cartridge should be used in this rifle. It is simple in construction and operation.

MARLIN REPEATING RIFLES

NEW MODEL 27



Take Down, Trombone Action.

Solid Top, Side Ejection, Blued Frame, Black Walnut Stock and Fore-End, Blued Steel Rifle Butt Plate, Adjustable Rocky Mountain Rear and Ivory Bead Front Sights.

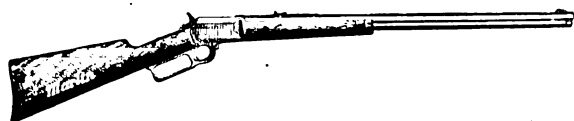
Each

No. 2725—.25-20 Caliber C. F., 24 inch Special Smokeless Steel Octagon Barrel, 7 Shots, Weight 5 3/4 Lbs.\$18.60

No. 2732—.32-20 Caliber C. F., 24 inch Special Smokeless Steel Octagon Barrel, 7 Shots, Weight 5 3/4 Lbs. 18.60

Shoots Black Powder, Low Pressure Smokeless and High Velocity Smokeless Cartridges.

MODEL 1892, 22 AND 32 CALIBERS

Solid Top, Side Ejection, Black Walnut Stock and Fore-End, Rocky Mountain Rear and Front Sights.
.22 Caliber, Rubber Butt Plate.

Each

No. 334—.22 Caliber, 24 inch Octagon Steel Barrel, Full Magazine, Chambered for .22 Short, Long and Long Rifle R. F. Cartridges, without Any Change of Adjustment, Weight 5 3/4 Lbs.\$16.60

Capacity of Magazine: 25 Short, 20 Long or 18 Long Rifle Cartridges.

.32 Caliber, Rifle Butt Plate.

Each

No. 335—.32 Caliber R. F., 24 inch Octagon Steel Barrel, Full Magazine, Weight 6 Lbs.\$16.60

Capacity of Magazine: 17 Short, 14 Long or Long Rifle Rim or Center Fire Cartridges.

It handles without change in adjustment the .32 short, .32 long and .32 long rifle rim fire cartridges, and by substituting the extra firing pin (sent free with the rifle) it handles the .32 short, .32 long and .32 long rifle center fire cartridges. It is especially recommended for rabbits, woodchucks, foxes, and all small game, up to 200 yards.

MODEL 1893



Solid Frame.

Solid Top, Side Ejection, Case Hardened Receiver, Full Magazine, Black Walnut Stock and Fore-End, Blued Steel Rifle Butt Plate, Rocky Mountain Front and Rear Sights.

Grade "A" for Big Game.

Each

No. 337—.25-36 Caliber, 26 inch Octagon Special Steel Barrel, 10 Shots, Weight 7 1/2 Lbs.\$20.85

The above Rifle is made specially to stand the continuous use of high power smokeless loads with jacketed bullets, for shooting bear, moose, deer and all American big game.

Grade "B", for Black Powder Only.

Each

No. 339—.32-40 Caliber, 26 inch Octagon Steel Barrel, 10 Shots, Weight 7 1/2 Lbs.\$16.60

No. 340—.38-55 Caliber, 26 inch Octagon Steel Barrel, 10 Shots, Weight 7 1/2 Lbs. 16.60

Take Down, Same Description as Above.

Grade "A", for Big Game.

Each

No. 341—.25-36 Caliber, 26 inch Octagon Special Smokeless Steel Barrel, 10 Shots, Weight 7 1/2 Lbs.\$25.10

Grade "B", for Black Powder Only.

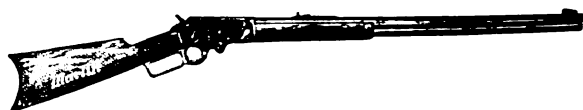
Each

No. 343—.32-40 Caliber, 26 inch Octagon Steel Barrel, 10 Shots, Weight 7 1/2 Lbs.\$20.85

No. 344—.38-55 Caliber, 26 inch Octagon Steel Barrel, 10 Shots, Weight 7 1/2 Lbs. 20.85

MARLIN REPEATING RIFLES

MODEL 1894



Solid Frame.

This Rifle has the Same Description and the Same Mechanism as Model 1893 and Handles the Various Black Powder, Low Pressure Smokeless and High Velocity Smokeless Cartridges of the Following Calibers:

Each

No. 345—.25-20 Caliber, 24 inch Octagon Steel Barrel, 14 Shots, Weight 6 3/4 Lbs.\$16.60

No. 601—.44-40 Caliber, 24 inch Octagon Steel Barrel, 14 Shots, Weight 6 3/4 Lbs. 16.60

SAVAGE REPEATING RIFLES

MODEL 1899 HAMMERLESS



Hi-Pressure Steel Barrel, Solid Breech Bolt, Automatic Cut-Off, Revolving Magazine, Automatic Indicator, Blued Frame, Walnut Stock and Fore-End, Positive Safety, Rocky Mountain Front and Sporting Wind Gauge Rear Sight.

Solid Frame, 6 Shots.

Each

No. 330—.30-30 Cal., 26 in. Rd. Barrel, Wt. 7 1/2 Lbs.\$20.00

No. 328—.303 Cal., 26 in. Rd. Barrel, Wt. 7 1/2 Lbs. 20.00

No. 666—.30-30 Cal., 22 in. Rd. Barrel, Wt. 7 1/4 Lbs. 20.00

No. 664—.303 Cal., 22 in. Rd. Barrel, Wt. 7 1/4 Lbs. 20.00

Take Down, 6 Shots.

Each

No. 330TD—.30-30 Cal., 26 in. Rd. Bbl., Wt. 7 3/4 Lbs.\$23.50

No. 328TD—.303 Cal., 26 in. Rd. Bbl., Wt. 7 3/4 Lbs. 23.50

No. 1638TD—.38-55 Cal., 26 in. Rd. Bbl., Wt. 7 3/4 Lbs. 23.50

No. 666TD—.30-30 Cal., 22 in. Rd. Bbl., Wt. 7 1/2 Lbs. 23.50

No. 664TD—.303 Cal., 22 in. Rd. Bbl., Wt. 7 1/2 Lbs. 23.50

MODEL 1899 CARBINE

Same General Description and Same Action as Regular Model 1899.

Each

No. 333—.30-30 Caliber, 20 inch Round Barrel, 6 Shots, with Sling Ring, Weight 7 1/4 Lbs.\$20.00

No. 332—.303 Caliber, 20 inch Round Barrel, 6 Shots, with Sling Ring, Weight 7 1/4 Lbs. 20.00

FEATHERWEIGHT, MODEL 1899



Solid Frame, Hammerless.

The Lightest Hi-Power Rifle Made, and is Built on the Action of the Regular Model 1899, and Contains the Same Features Embodied in it. Hollowed Genuine American Walnut Shot Gun Butt Stock, Sporting Wind Gauge Rear Sight.

Each

No. 303FW—.303 Caliber, 20 inch Tapered Round Barrel, 6 Shots, Weight 6 Lbs.\$25.00

No. 3030FW—.30-30 Caliber, 20 inch Tapered Round Barrel, 6 Shots, Weight 6 Lbs. 25.00

SAVAGE REPEATING RIFLES

MODEL 1899, 250-3000 CALIBER



Velocity 3000 Feet Per Second.

Take Down, Hammerless.

Hi-Pressure Steel Barrel with Integral Front Sight Base, Genuine American Walnut Shot Gun Butt Stock and Fore-End, Capped Extra Full Pistol Grip, Checkered, Corrugated Steel Butt Plate, German Silver Bead Front Sight, Sporting Wind Gauge Rear Sight, Action as Regular Model 1899.

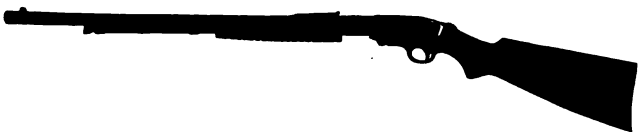
Each
No. 300—.250-3000 Caliber, 22 inch Tapered Round Steel Barrel, 6 Shots, Weight 7 Lbs.....\$32.50

Cartridges used are the No. 1 full Metal Case, and No. 2 Soft Nose Expanding.

This Rifle has a higher velocity, flatter trajectory and greater accuracy than any other Rifle made in this country. The velocity is 3000 feet per second. The energy is 1739 foot pounds and the trajectory (mid-range height for 300 yards 5/7 inches) is so flat that sight need not be raised for the largest sporting ranges.

The Cartridge is rimless and in spite of its tremendous velocity and great accuracy is wonderfully easy on the rifle. It is easy to clean. The Rifle in standard form is fully equal in details and finish to the expensive European Rifles, which it out-classes in accuracy, convenience and efficiency.

NEW MODEL 1914, HAMMERLESS



Take Down.

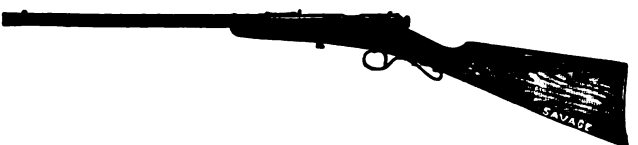
Hi-Pressure Steel Barrel, Solid Breech Top, Side Ejection, Trombone Action, Tube Magazine, American Walnut Shot Gun Butt Stock, Pistol Grip, Steel Butt Plate, Bead Front and Adjustable Wind Gauge Rear Sight.

Each
No. 1914—.22 Caliber, 24 inch Octagon Barrel, Chambered for .22 Short, Long and Long Rifle R. F. Cartridges, Weight 5 3/4 Lbs.....\$16.00

Capacity of Tubular Magazine: 20 Short, 17 Long or 15 Long Rifle R. F. Cartridges.

SAVAGE SINGLE SHOT RIFLES

MODEL 1904 JUNIOR



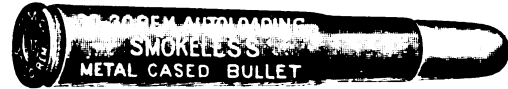
Take Down, Bolt Action.

Full Form Genuine American Walnut Stock, Shot Gun Butt, Steel Butt Plate, Bead Front and Adjustable Rear Sights.

Each
No. 1904—.22 Caliber, 18 inch Round Steel Barrel, Chambered for .22 Short, Long and Long Rifle R. F. Cartridges, Weight 3 Lbs.....\$5.00

STEVENS REPEATING RIFLES

HIGH POWER



Cut Shows Remington Rimless Cartridge.

Solid Top, Solid Steel Receiver, Side Ejection, Tool Steel Hammer and Trigger, Walnut Stock and Fore-End, Checkered Steel Butt Plate, German Silver Blade Front and Sporting Rear Sights, 22 inch Round Nickel Steel Barrel.

Each
No. 425—.25 Caliber Rimless, 6 Shots, Wt. 7 Lbs...\$20.00
No. 430—.30 Caliber Rimless, 6 Shots, Wt. 7 Lbs... 20.00
No. 435—.35 Caliber Rimless, 6 Shots, Wt. 7 Lbs... 20.00

Designed to take any standard make of Rimless Cartridges marked Rem. Auto-Loading.

VISIBLE LOADING



Cut Shows Visible Loading Feature.

One Piece Magazine Tube and Breech Block, Blued Steel Barrel, Varnished Walnut Stock and Fore-End, Rubber Butt Plate, Case Hardened Frame, Bead Front and Elevating Rear Sights.

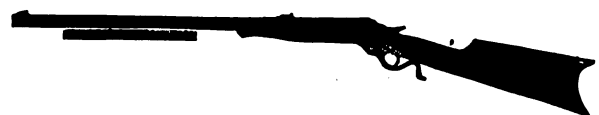
Each
No. 7022—(Factory No. 70LR) .22 Caliber, 20 inch Round Barrel, Chambered for .22 Short, Long and Long Rifle Rim Fire Cartridges, Weight 4 1/2 Lbs...\$12.00

Capacity of Magazine: 15 Short, 13 Long or 11 Long Rifle R. F. Cartridges.

The "Visible Loading" feature is entirely new and so simple that it will appeal instantly to the shooter for the reason that the cartridge is always in sight while being fed into the chamber.

STEVENS SINGLE SHOT RIFLES

IDEAL SPORTING



Take Down, Lever Action.

Solid Breech Blocks, Case Hardened Frame, Oiled Walnut Stock and Fore-End, Steel Rifle Butt, Rocky Mountain Front and Sporting Rear Sight.

Each
No. 4422—.22 Caliber Rim Fire, 24 inch Half Octagon Barrel, Automatic Ejector, Weight 7 Lbs.....\$12.00
No. 4425—.25 Stevens Rim Fire, 24 inch Half Octagon Barrel, Weight 7 Lbs..... 12.00
No. 4426—.25-20 and .25 Stevens Center Fire, 26 inch Half Octagon Barrel, Weight 7 1/4 Lbs..... 12.00

SINGLE SHOT RIFLES

STEVENS FAVORITE



Take Down, Lever Action.

Solid Breech Block, Blued Frame, Oiled Walnut Stock and Fore-End, Regular Shot Gun Butt, Rubber Butt Plate, Rocky Mountain Front and Sporting Rear Sights.

	Each
No. 127—(Factory No. 27) .22 Caliber, Automatic Ejector, 24 inch Full Octagon Steel Barrel, Full Oval Stock, for .22 Short, Long and Long Rifle Cartridges, Weight 4 1/2 Lbs.....	\$ 8.00
No. 1722—(Factory No. 17) .22 Caliber, Automatic Ejector, 24 inch Half Octagon Barrel, for .22 Long Rifle Cartridges, Weight 4 1/4 Lbs.....	7.50
No. 1725—(Factory No. 17) .25 Caliber, 24 inch Half Octagon Barrel, for .25 Stevens R. F. Cartridges, Weight 4 1/4 Lbs.....	7.50
No. 1732—(Factory No. 17) .32 Caliber, 24 inch Half Octagon Barrel, for .32 Long R. F. Cartridges, Weight 4 1/4 Lbs.....	7.50

For Component Parts, See Page 1353.

STEVENS CRACK SHOT



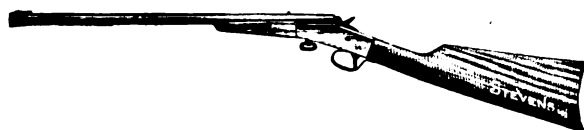
Take Down.

Lever Action, Blued Frame, Oiled Walnut Oval Stock, Carbine Butt Plate, Knife Blade Front and Open Rear Sights, Designed Especially for Smokeless Powder Ammunition.

	Each
No. 2622—(Factory No. 26) .22 Caliber, 18 inch Round Steel Barrel, Chambered for C. B. Caps, .22 Short, Long and Long Rifle R. F. Cartridges, Weight 3 1/4 Lbs.....	\$4.75
No. 2622SB—Same as No. 2622, but with Smooth Bore for Shot Cartridges.....	4.75
No. 2632—(Factory No. 26) .32 Caliber, Rim Fire, 18 inch Round Steel Barrel, Chambered for .32 Long Rifle R. F. Cartridges.....	4.75

For Component Parts, See Page 1354.

STEVENS LITTLE SCOUT



Take Down.

Oiled Walnut Stock and Fore-End, Blued Steel Butt Plate, Horizontal Extractor, Case Hardened Frame, German Silver Knife Edge Front and Open Rear Sights.

	Each
No. 14 1/2—.22 Caliber, 18 inch Round Steel Barrel, Chambered for C. B. Caps, .22 Short, Long and Long Rifle R. F. Cartridges, Weight 2 3/4 Lbs.....	\$3.75

AIR RIFLE DARTS



	Per Dozen
No. 17—Darts for Daisy and King Air Rifles.....	\$0.30

For Air Rifles always order BB Air Rifle Shot; it costs no more than the regular BB shot and gives better results.

Note—For BB Air Rifle Shot, See Page 1373.

STEVENS MARKSMAN



Take Down, Positive Extractor.

Oiled Walnut Full Oval Stock and Fore-End, Shot Gun Butt, Rubber Butt Plate, Plain Lever, Blued Frame, Bead Front and Open Rear Sights, Designed Especially for Smokeless Powder Ammunition.

	Each
No. 1222—(Factory No. 12) .22 Caliber, 20 inch Round Barrel, Chambered for .22 Long and .22 Long Rifle Rim Fire Cartridges, Weight 4 Lbs.....	\$6.50

For Component Parts, See Page 1354.

HAMILTON MODEL 27



Hammer Action.

Solid Breech Block, Automatic Ejector, Polished Flat Walnut Stock and Fore-End, Front Knife and Open Rear Adjustable Sights.

	Each
No. 27—.22 Caliber, 16 inch Round Tapered Blued Steel Barrel, Chambered for .22 Short and Long Cartridges, Weight 2 1/2 Lbs.....	\$1.75

HAMILTON MODEL 027



Hammer Action.

Same Description as No. 27, but with Turned Walnut Stock and Fore-End, Finely Finished.

	Each
No. 027—.22 Caliber, 16 inch Round Tapered Blued Steel Barrel, Chambered for .22 Short and Long Cartridges, Weight 2 3/4 Lbs.....	\$2.00

The barrel in all Hamilton Rifles is bronze and rifled with great care under our exclusive patents, and has a built-up steel jacket, making it unsurpassed in strength, durability and accuracy, with no liability of rust from pitting, and very easily cleaned.

AIR RIFLE TARGETS



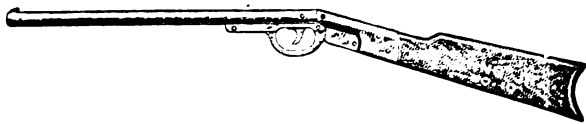
	Each
No. 21—Daisy, 6x7 inches, Nickel Plated Steel Frame, Nickel Plated Gong, Gong Rings when Bull's-Eye is Hit. Complete with 100 Record Cards. Paper Targets are Removable to Record Score, Weight 2 1/2 Lbs.....	\$0.50

PAPER TARGETS

	Per 1000
No. 5—Ring Paper Targets, Size of Sheet 10x12 inches, Diameter of Circle 8 1/2 inches, Bull's-Eye 2 3/4 inches, for Air Rifle and Other Rifle Practice.....	\$1.00

AIR RIFLES

KING JUNIOR, SINGLE SHOT



Per Dozen

- No. 10—Junior, Single Shot, Nickel Plated Steel Barrel, Walnut Stock, Good Sights, Length 29 inches, Weight 1 Lb. 2 Oz. \$9.00
One Dozen in a Case, Weight Per Case 20 Pounds.

KING 500-SHOT SPECIAL



Lever Action.

Per Dozen

- No. 22—500 Shot "Special" Repeater, Magazine Holds 500 Shots, One-Piece Steel Barrel and Frame, Polished Nickel, Walnut Stock, Open Rear Sights, Shoots with Unfaltering Accuracy, Length 31 inches, Weight 1 3/4 Lbs. \$15.00
One Dozen in a Case, Weight Per Case 30 Pounds.

KING 1,000-SHOT

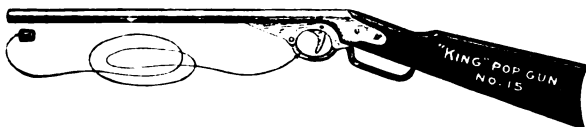


Lever Action.

Per Dozen

- No. 5—1000-Shot Repeater, Magazine Holds 1000 Shots, One Piece Nickel Plated Steel Barrel and Frame, no Joints to Work Loose, Black Walnut Stock, Splendid Sights, Loads Automatically, All Parts Interchangeable, Length 36 inches, Weight 2 1/2 Lbs. \$24.00
One-half Dozen in a Case, Weight Per Case 20 Pounds.

KING POP GUNS



Per Dozen

- No. 15—Pop Gun, Safety Lever, One Piece Nickered Steel Barrel and Frame, Black Walnut Stock, Shoots a Cork Attached to a Cord, Length 17 inches, Weight 6 1/2 Oz., One in a Carton. \$3.00

KING SINGLE SHOT



Lever Action.

Per Dozen

- No. 21—Single Shot, One Piece Nickel Plated Steel Barrel and Frame, Selected Black Walnut Stock, Adjusted Sights, Shoots Darts and Air Rifle Shot, Length 31 inches \$12.00
One Dozen in a Case, Weight Per Case 25 Pounds.

KING 500-SHOT

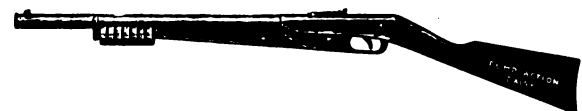


Lever Action.

Per Dozen

- No. 4—500-Shot Repeater, Magazine Holds 500 Shots, One-Piece Steel Barrel and Frame, Polished Nickel, Polished Walnut Stock, Perfect Sights, Loads Automatically, Shoots with Great Force and Accuracy, Length 34 inches, Weight 2 1/4 Lbs. \$21.00
One-half Dozen in a Case, Weight Per Case 18 Pounds.

DAISY, PUMP ACTION REPEATER



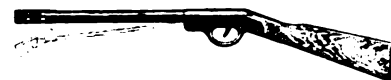
Take Down Model.

Per Dozen

- No. 25—Loads Automatically, Magazine Holds 50 Shots, Non-Rusting Gun Blue Frame and Barrel, Hand Polished Genuine Black Walnut Stock, Adjustable Front and Rear Sights, Length Over All 38 inches, Weight 3 1/4 Lbs. \$36.00

Operates by pulling the slide towards the stock, fires rapidly from the shoulder, the magazine having a forced feed. A strong and accurate shooter.

QUICK SHOT POP GUNS



Per Dozen

- No. 18—Automatic, Length 18 3/4 inches, Steel Barrel and Frame, Gun Metal Finish, Hardwood Stock, Absolutely Safe, as the Cork is Always in the Gun. \$3.00
The only Quick-Firing Automatic Pop Gun made. Shoots faster than a regular army rifle.

TOY PISTOLS

DAISY LIQUID



Per Dozen

- No. 8—Heavy Sheet Steel, Blued Finish, Length 5 1/2 inches, Throws a Fine Stream of Water to a Distance of 25 feet, no Rubber Bulb to Get Out of Order, Weight 5 1/2 Oz. \$3.00

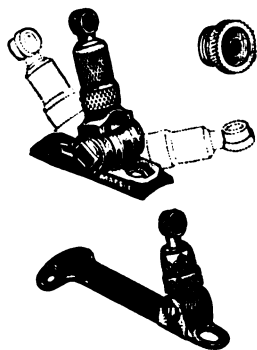
AUTOMATIC REPEATING POP



Per Dozen

- Premier—All Steel, Gun Metal Finish, Length 6 3/8 inches, 200 Shots a Minute, Just Pull the Trigger. the Pistol Does the Rest, the Most Clever Pop Pistol on the Market \$3.00

MARBLE'S RIFLE SIGHTS



FLEXIBLE REAR.

For All Standard American Rifles.

The rear sight does not lock up, but is held by a double acting spring. Sight yields when struck and automatically flies back to correct place. Cannot be injured by blows or shocks and is always ready for accurate shooting. Can be locked down at will and instantly raised when wanted. Jamb nut at bottom securely holds elevation sleeve and keeps disc stem rigid and in alignment.



SIMPLEX REAR SIGHT.

For .22 Caliber Rifles Only.

The stem can be set very quickly in any position by raising the lock to a horizontal position and moving the stem up or down with the fingers.

The lock holds stem rigid at any elevation.

The sight is held quite firmly by an inside spring in the proper position for shooting, but can be easily folded down.

No. R7 and R8 for Rem. Model 12 and 14.

With No. 5 Disc.

Each

Flexible Rear Sight—With Extra No. 1 Disc and Screw for Attaching Sight to Rifle. (Order by Number).....\$3.00

Flexible Rear Sight, with No. 5 Disc.....3.50

Simplex Rear Sight—With Extra No. 1 Disc and Screws for Attaching Sight to Rifle. (Order by Number).....\$1.50

Each

ORDER MARBLE'S "FLEXIBLE" AND "SIMPLEX" REAR SIGHT BY NUMBERS BELOW.

WINCHESTER RIFLES.

Spec'l	Regular	Base No.	Base No.	Model.	Caliber.
W1S	W1	1894	25-35, 30-30 and 32.		
W2S	W2	1894	32-40 and 38-55.	1892.	
W4S	W4	1886	All except 33.		
	W4½	1886	33 only.		
W7S	W7	1873.			
W8S	W8	1903.			
W9S	W9	1890.			
		1906.			
W12S	W12	1895	30 U. S. A. 303 and 35 (and 30 Govt. Rimless.		
W13S	W13	1905	1907.		
		1910	401.		

MARLIN RIFLES.

Spec'l	Regular	Base No.	Base No.	Model.	Caliber.
M1S	M1	1892	.32 Caliber.		
	M2	1894.			
M3S	M3	1892	1897 No. 27.		
M4S	M4	1893	"Black Powder."		
M5S	M5	1893	"Special Smokeless Steel."		

SAVAGE RIFLES.

S1S	S1	1899	25-35, 30-30, 303 and Hi-Power .22 and 250-3000.
S2S	S2	1903, 1912, 1914.	
S3S	S3	1899	32-40 and 38-55.
	S4	1904, 1905, 1911.	

REMINGTON RIFLES.

R5	No. 6.		
R6	No. 8.	Auto Loading.	
R7	No. 12.	.22 Repeater.	
R8	No. 14.	Hi-Power Repeater.	
R9	No. 16.	.22 Rem. Auto.	

STEVENS RIFLES.

Spec'l	Regular	Base No.	Base No.	Model.	Caliber.
V1				Favorite.	
V2				Ideal.	
V3				Crack Shot.	32.
V4				Maynard, Jr.	
V5S	V5	No. 80			
	V7	No. 425	Hi-Power.		

MARBLE'S FLEXIBLE REAR SIGHT.

Important Features and Advantages.

1st.—Automatic Joint. Whenever the sight is struck on front or back the coiled spring in the hinge brings it instantly into position for shooting. It can be locked down at will by the sliding button at back of hinge.

2nd.—Advantage Over Receiver Sights. Can be used on rifles with long firing bolts, and to better advantage than Receiver Sights on account of being closer to the eye.

3rd.—Elevation Lock. By simple construction the lower sleeve, when turned up against the elevating sleeve, prevents it from being turned and holds disc stem true and rigid at any elevation.

4th.—Interchangeable Discs. All Regular, Target and Side-light Discs fit any Marble Flexible or Simplex Rear Sight.

5th.—Point Blank Adjustment. The screw in bottom of disc stem permits a quick change of point blank range without tools.

(Packed one in a paper box with envelope containing extra disc (No. 1) and proper screws for attaching sight to rifle).

DRILLS AND TAPS.

Drills—For all Rear Sight Tang Holes.....	Each \$0.25
Taps—For all Rear Sight Tang Holes.....	Each .25

Read This Before Buying Sights.

Carbines and "Extra Light Weight" models of various makes, models and calibers take the same Marble Rear Sight which is made for its respective model of rifle.

Do not accept sights made for rifles other than the one you wish to sight.

Concerning Sights for Model 1895 and 1903 Winchester and Hopkins and Allen Rifles.

The model 1895 and 1903 Winchester tangs are not drilled and tapped for the screws which hold the sight base to the tang. Hopkins & Allen Rifles have no screw holes in tang.

Note—This sight will suit all American Rifles, but when ordering state whether or not rifle has pistol-grip stock and be careful to give correct number in list on this page.

DISCS FOR MARBLE'S FLEXIBLE AND SIMPLEX REAR SIGHTS



Nos. 5 and 6 Target.



No. 1.



No. 2.

Disc Cuts are Actual Size.



Nos. 3 and 4 Side Light.



Nos. 7 and 8 Snap Shooters.

No. 1 or No. 2.....	Each \$0.25
No. 3—Sidelight, Aperture Size No. 1.....	.50
No. 4—Sidelight, Aperture Size No. 2.....	.50
No. 5—Target, Aperture Size No. 1.....	.50
No. 6—Target, Aperture Size No. 2.....	.50
No. 7—Snap Shooters, Aperture Size No. 2.....	.50
No. 8—Snap Shooters, Aperture ½ inch.....	.50

Target and Sidelight Discs screw into stem of sight. Interchanging with the two regular discs, Nos. 1 and 2. In dim light and for failing eyesight a Marble Sidelight Disc is invaluable. They combine all the advantages of the optical principle of the regular discs with the added advantage of an outer rim which enables one to more readily locate the center aperture.

We make a charge of 50 cents for fitting and lining up Front and Rear Sights to a Rifle.

MARBLE'S HUNTING OR TARGET SIGHTS

SPECIFICATIONS AND DIRECTIONS.

Note—Nos. 2, 2s and 6 are made in 3/32 inch beads. They are made for all American Rifles in 3/32 inch Ivory (white or red) or Pope's Island Gold Beads. **Order by number in list for Model and Caliber wanted.**

The lustrous convex surface of the Pope's Island Gold Bead instantly reflects the faintest ray of light and is clearly discernible in the early dawn or evening twilight—adding valuable moments to both ends of the day and at the most favorable time for securing shots at big game.

MARBLE'S STANDARD.



Handsome and well made. See specifications above.

Ivory or Gold Bead. Order by Number. Each \$1.00

MARBLE'S IMPROVED.



We may justly describe this sight as a "long look ahead." It enables one to make accurate shots at any range without stopping to adjust the rear sight.

On a range somewhat longer than the gun is sighted for one can see the object aimed at under the center of the head as well as over.

It is an exceptionally valuable sight for running shots and is used for shooting at objects in the air by the most famous professional riflemen. See specifications above.

Ivory or Gold Bead. Order by Number. Each \$1.00

MARBLE'S REVERSIBLE.



Both beads are the same size and are furnished in 1/6, 3/32 or 1/2 inch sizes.

This combination can be relied upon to meet every possible condition of light, background, etc.

This sight can be instantly reversed. Simply pull up the bead carrier against the pressure of the spring until it clears the groove—then turn it around.

A dowel near each end of groove engages with holes in the bottom of bead carrier. These would take up the shock of a blow on either end. See specifications above.

Ivory and Gold Bead. Order by Number. Each \$1.50

KING'S TRIPLE BEAD FRONT SIGHT.



King's—With 1/16 in. Ivory, Gold or Black Bead. Each \$1.50

This sight can be changed instantly to suit all conditions of weather, light and background. It has three separate and distinct sights—all on the rifle at one time.

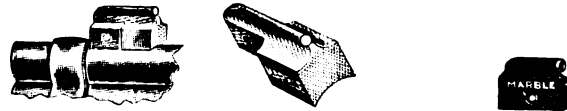
MARBLE'S V-M FRONT.



V-M—Made from Best Tool Steel, Face and Lining of Aperture are made from Lustrous Pope's Island Gold, Aperture is 5/32 in. Inside Diameter, 1/4 in. Outside Diameter, 1/4 in. Deep. Each \$1.50

Embodies an optical principal new to many shooters, as the eye quickly and surely finds the center of the peep sight, so it finds the center of their front sight.

MARBLE'S CARBINE AND SPECIAL RIFLE SIGHT.



No. 94C—Ivory Bead 3/32 in. Diameter, made only for Winchester Carbine, Model 1894, having High Pressure Steel Barrels. It is Especially Constructed to Withstand the Hard Usage Often Given This Rifle in the Saddle and Woods. Each \$0.75

No. 894—Ivory Bead 3/32 inch Diameter, for Winchester Carbine, Model 1894. For Use Only on High Pressure Steel Barrels. Each \$0.50

SHEARD'S "GOLD" HUNTING OR TARGET SIGHT.

(Made under Contract by M. A. & M. Co.)

This sight is guaranteed to show up well in the darkest timber, under any and all circumstances, and not to "blur". Will show the same color on different colored objects; will stand rough work and improve the shooting greatly.

Made to fit all sporting and military rifles.



Each \$1.50

SHEARD'S "GOLD" CARBINE AND SPECIAL SIGHTS.

When Ordering State Name, Model and Caliber of Arm.



No. 894—For Winchester Model 1894 Carbine with High Pressure Barrels. Each \$1.50

No. 94B—For Winchester Model 1894 Carbine, Using Black Powder. 1.50

No. "894" & "94B"

INSTRUCTIONS FOR ORDERING SIGHTS

Order Improved, Standard, Reversible, King and Sheard (except Carbine), Front Sights by these numbers. Be sure to state size and color of bead desired, and Name of Sight. Each Sight fits all Rifles listed under the same number.

WINCHESTER RIFLES.

No. of Sights.	Model.	Caliber.
No. 2	1873	
	1876	
	1886. All Except 33.	
	Single Shot. All Except 30 U. S. A.	
	1892	
No. 3	1894 32-40 and 38-55	
	1895 Oct. bbl. 38-72 and 40-72.	
	Single Shot. 30 U. S. A. Only.	
No. 2S	1894 25-35, 30-30 and 32 special.	
	1886 33 Only.	
	1890	
	1903	
	1904	

WINCHESTER RIFLES.

No. of Sights.	Model.	Caliber.
No. 6	1895 Round bbl. 38-72, 40-72 and 405.	
	1895 30 Government Model 1903.	
	1905 1906 1907 1910.	
	1895 35	

MARLIN RIFLES.

No. of Sights.	Model.	Caliber.
No. 2	1893 32-40 and 38-55, Black	
	1894	
	1895	
No. 5	1893 25-36 H. P. S. 30-30, 32 and 32-40 H. P. S.	
No. 3	1893 38-55 H. P. S.	
	1892 1897	
	No. 25, No. 27, No. 29	

SAVAGE RIFLES.

No. of Sights.	Model.	Caliber.
No. 5	1899 25-35, 30-30, 303 and 32-40	
	1905 except style C.	
	1899 38-55 only.	
	1903 1904 1914.	
	1909 1911 1912.	

REMINGTON RIFLES.

No. of Sights.	Model.	Caliber.
No. 2	Nos. 2 and 4.	
	No. 8, .30 and .32 Rem. Auto.	
	No. 12, .22 Repeater.	
	No. 14, Pump Action, all Calibers.	
	No. 16, .22 Auto.	
No. 6	No. 8, .25-35 and .35	

STEVENS RIFLES.

No. of Sights.	Model.	Caliber.
No. 8	Favorite Hunter's Pet.	
	Ideal No. 80 Gallery Rifle.	

We make a charge of 50 cents for fitting and lining up Front and Rear Sights to a Rifle.

LYMAN RIFLE SIGHTS

IVORY BEAD FRONT



No. 3.



No. 20.



No. 28.

- Each
- No. 3—Ivory Bead, $\frac{1}{8}$ inch Diameter.....\$1.00
- No. 20—Jack Sight, $\frac{1}{8}$ inch Diameter Ivory Bead.... 1.00
- No. 28—Semi-Jack, $\frac{3}{32}$ inch Diameter Ivory Bead..... 1.00

IVORY BEAD CARBINE FRONT



No. 26.



No. 24.



No. 32.

- Each
- No. 26—Ivory Bead Front\$0.50
- No. 24—Ivory Bead Jack Front50
- No. 32—Ivory Bead Semi-Jack Front50
- Made for Winchester Model 1895, .30 U. S. A. and .303 British Calibers; Winchester and Marlin Carbines; Lee Straight-Pull Rifle; Remington-Lee Sporting Rifles.

IVORY HUNTING FRONT



- Each
- No. 4—Ivory Hunting Front, Ivory is Protected from Injury by Its Surrounding Metal.....\$1.00

SPIRIT LEVEL



- Each
- No. 14—Spirit Level.....\$1.00

SLOT BLANKS



- Each
- No. 12—To Replace Rear Crotch Sight\$0.25

FOLDING LEAF REAR



Both Leaves Folded Down.



Using the Straight Bar.



Using the Crotch.

- No. 6—To Put in Place of the Ordinary Crotch Sight on the Barrels, One Leaf is a Bar with a Triangular Ivory Center, the Other is a Wide Open V Crotch..\$1.50
- Each

WIND GAUGE TARGET FRONT



Showing Aperture.



Showing Globe.

- No. 7—With Reversible Globe and Aperture which can be Changed Quickly, Locks by a Spring Clamp....\$3.50
- Each

FOLDING LEAF WITH SPECIAL BASE



- No. 6R—Same Sight as No. 6, but with Special Base for Remington Autoloading Rifles.....\$1.75
- Each

COMBINATION IVORY FRONT



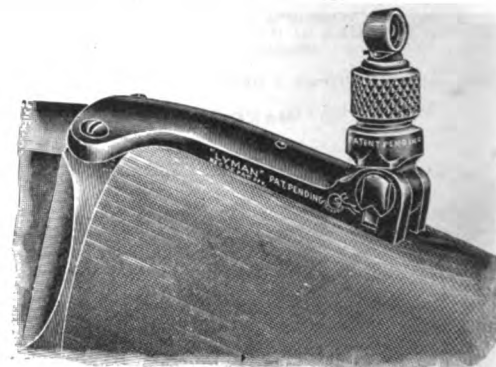
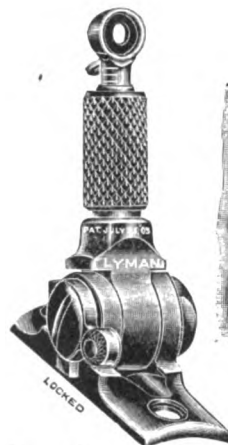
Used with Globe.



Used with Ivory.

- No. 5—An Excellent Sight for All Around Shooting. Nearly All the Shooting Should be Done with the Ivory Part\$1.25
- Each

COMBINATION FOLDING REAR



- Each
- No. 1AR—Same as No. 1A, for Remington Model 12 Repeating Rifles\$3.00

- No. 1A—Can be Locked and Reliably, Rigidly Held in Exact Position for Shooting, Instantly and Easily Locked whenever Desired..... 3.00

Each Lyman Combination Rear Sight is stamped on under side of the base with letters denoting the make, model and caliber of rifle on which they should be used.

This can be readily determined by referring to the following list:

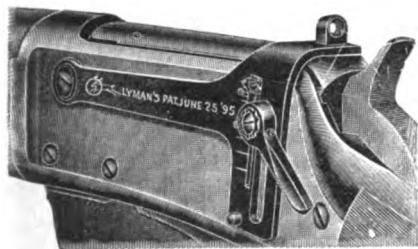
- | | |
|---|---|
| A. T.—Remington Autoloading Rifle. | N. I.—Winchester '86, .33 Caliber. |
| D.—Winchester '94, 32/40 and 38/55 Calibers, Winchester '92. | P.—Stevens Ideal. |
| D. A.—Winchester '94, 25/35, 30/30 and .32 Special Cal. | P. C.—Stevens Crack Shot. |
| E.—Marlin '89, Marlin '94. | R. A.—Remington No. 2, Remington No. 3, .22 Caliber, Remington No. 5. |
| F.—Stevens Favorite. | S. H.—Savage 38/55 and 38/55 H. P. S. |
| H.—Marlin '92, .22 Caliber, Marlin '97. | S. L.—Winchester 1905, 1907 and 1910. |
| J.—Marlin '93, 32/40 and 38/55 Calibers. | S. M.—Savage 1903. |
| J. A.—Marlin '93, 25/36, 30/30, .32 H. P. S., 32/40 H. P. S. and 38/55 H. P. S. | S. P.—Savage 32/40. |
| J. M.—Marlin '95. | S. T.—Stevens Rep'r No. 80. |
| Marlin Models 18 and 25. | S. V.—Stevens Rep'r No. 70. |
| N.—Winchester '86, all Calibers except .33. | U.—Remington No. 4. |
| | W. A.—Winchester 1903. |
| | W. S.—Winchester '90, Winchester 1906. |

Caution—In ordering Sight always give Make, Model and Caliber of Rifle for which they are wanted, as different calibers of the same make and model sometimes take different sights. Also mention if Rifle for which Sight is wanted has Straight or Pistol Grip.

We Make a Charge of 50 Cents for Fitting and Lining Up Front and Rear Sight to a Rifle.

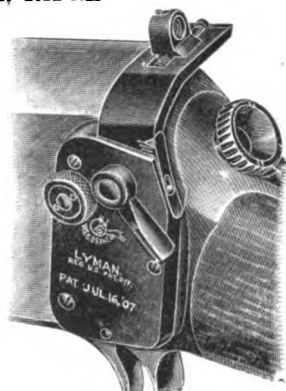
LYMAN SIGHTS

PATENT RECEIVER, RIFLE



Each

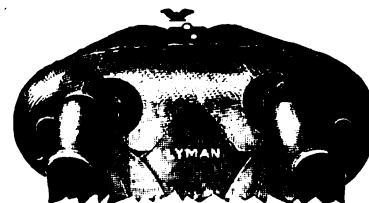
No. 21—Can be Furnished for Models 1886, 1892, 1894 and 1895 Winchester; 1893 and 1895 Marlin, and .303, .30-30, .25-35, .32-40 and .38-55 Caliber Savage Rifles. \$4.00



Each

No. 41—For Winchester Models 1895, 1905, 1907 and 1910, and Remington Autoloading Rifles\$5.00

IVORY SHOT GUN



The Sights on a Gun.

Each

No. 10—Ivory Front Sight Only.....\$0.50

No. 11—Ivory Rear Sight Only.....50

Per Set

No. 9—One Each Front and Rear Sight, with Reamers.....\$1.00

We do not advise the use of Lyman Shot Gun Sights on Single Barrel Guns, as, having no rib to adjust to, the force will usually blow out the ivory. This never happens when used on Double Barrel Guns.

WINCHESTER RIFLE SIGHTS

ROCKY MOUNTAIN FRONT

KNIFE BLADE FRONT

EXPRESS FRONT



Each

Rocky Mountain\$0.50



Each

Knife Blade Front—Steel or Ivory Bead.....\$0.50



Each

Express Front—German Silver Bead\$0.50

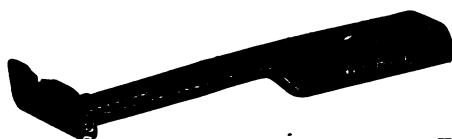


Each

No. 04 — With Interchangeable Disc...\$1.25

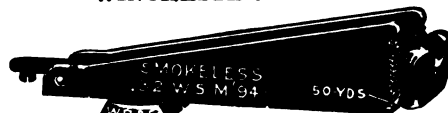
WINCHESTER MODEL 1890

WINCHESTER SPECIAL



Each

No. 18W—Rear Sight for Winchester Model 1890 Rifles.....\$0.60



Model 1894.

Each

Rear Sight—For .32 Winchester Special, Black and Smokeless Powder.\$3.00

EXPRESS REAR



Each

Express Rear Sight.....\$1.50

SPORTING REAR



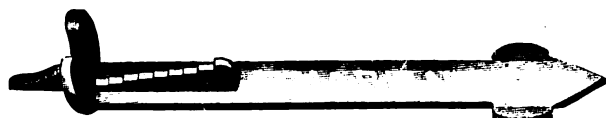
Graduated from 50 to 300 Yards.

Each

Sporting Rear Sight—Complete.....\$0.80

Extra Elevators—For Sporting Rear Sight.....20

MARLIN ROCKY MOUNTAIN REAR



Large Size, for Models 1893 and 1894; Small Size, for Models 1891, 1892, Etc.

Each

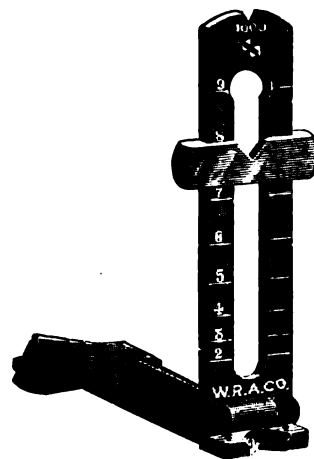
Rocky Mountain Rear Sight.....\$0.80

Extra Elevators—For Same.....20

CAUTION—In ordering Sights always give make, model and caliber of rifle for which they are wanted, as different calibers of the same make and model sometimes take different sights. Also mention if Rifle for which Sight is wanted has Straight or Pistol Grip.

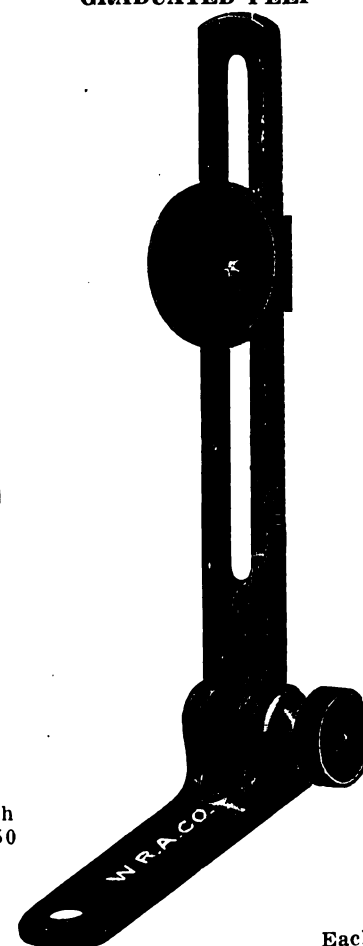
We make a charge of 50 cents for fitting and lining up Front and Rear Sights to a Rifle.

SPORTING LEAF



Each

Sporting Leaf Sight...\$1.50



Each

Graduated Peep Sight—Complete.....\$3.00

REVOLVERS

IVER JOHNSON, SAFETY HAMMER



Double Action, Automatic Ejector, Rubber Stock.

Rim Fire, 7 Shots.

Nickel Plated.

No. 622	— .22 Caliber, 3 in. Barrel, Weight 12 Oz.	Each	\$6.00
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Blued Finish.

No. 622B	— .22 Caliber, 3 in. Barrel, Weight 12 Oz.	Each	\$6.50
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Chambered for .22 Short, Long and S. & W. Long Cartridges.

.32 Caliber, Center Fire, 5 Shots.

Nickel Plated.

No. 632	— .32 Caliber, 3 in. Barrel, Weight 12 ¼ Oz.	Each	\$6.00
No. 432	— .32 Caliber, 4 in. Barrel, Weight 13 Oz.		7.00
No. 532	— .32 Caliber, 5 in. Barrel, Weight 13 ½ Oz.		8.00
No. 326	— .32 Caliber, 6 in. Barrel, Weight 14 ½ Oz.		9.00
*No. 632P	— Same as No. 632, with Pearl Stock.		8.00

Blued Finish.

No. 632B	— .32 Caliber, 3 in. Barrel, Wt. 12 ¼ Oz.	Each	\$6.50
No. 432B	— .32 Caliber, 4 in. Barrel, Wt. 13 Oz.		7.50
No. 532B	— .32 Caliber, 5 in. Barrel, Wt. 13 ½ Oz.		8.50
No. 326B	— .32 Caliber, 6 in. Barrel, Wt. 14 ½ Oz.		9.50
*No. 632PB	— Same as No. 632B, with Pearl Stock.		8.50

Adapted to .32 S. & W. C. F. Cartridges.

.38 Caliber, Center Fire, 5 Shots.

Nickel Plated.

No. 638	— .38 Caliber, 3 ¼ in. Barrel, Wt. 17 ¼ Oz.	Each	\$6.00
No. 438	— .38 Caliber, 4 in. Barrel, Wt. 18 ¼ Oz.		7.00
No. 538	— .38 Caliber, 5 in. Barrel, Wt. 19 Oz.		8.00
No. 386	— .38 Caliber, 6 in. Barrel, Wt. 20 Oz.		9.00
*No. 638P	— Same as No. 638, with Pearl Stock.		8.00

Blued Finish.

No. 638B	— .38 Caliber, 3 ¼ in. Barrel, Wt. 17 ¼ Oz.	Each	\$6.50
No. 438B	— .38 Caliber, 4 in. Barrel, Wt. 18 ¼ Oz.		7.50
No. 538B	— .38 Caliber, 5 in. Barrel, Wt. 19 Oz.		8.50
No. 386B	— .38 Caliber, 6 in. Barrel, Wt. 20 Oz.		9.00
*No. 638PB	— Same as No. 638B, with Pearl Stock.		8.50

Adapted to .38 S. & W. C. F. Cartridges.

IVER JOHNSON, SAFETY HAMMERLESS



Double Action, Automatic Ejector, Rubber Stock.

.32 Caliber, Center Fire, 5 Shots.

Nickel Plated.

No. 732	— .32 Caliber, 3 in. Barrel, Weight 12 ½ Oz.	Each	\$7.50
*No. 732P	— Same as No. 732, with Pearl Stock.		10.00

Blued Finish.

No. 732B	— .32 Caliber, 3 in. Barrel, Wt. 12 ½ Oz.	Each	\$8.00
*No. 732PB	— Same as No. 732B, with Pearl Stock.		10.50

.38 Caliber, Center Fire, 5 Shots.

Nickel Plated.

No. 738	— .38 Caliber, 3 ¼ in. Barrel, Wt. 18 Oz.	Each	\$7.50
*No. 738P	— Same as No. 738, with Pearl Stock.		10.00

Blued Finish.

No. 738B	— .38 Caliber, 3 ¼ in. Barrel, Wt. 18 Oz.	Each	\$8.00
*No. 738PB	— Same as No. 738B, with Pearl Stock.		10.50

For Extra Pearl or Target Stocks See Page 1339.

For Component Parts, See Page 1355.

IVER JOHNSON, WESTERN WALNUT GRIP



Double Action, Automatic Ejector, Safety Hammer, Grip Made from One Piece of Wood.

.22 Caliber, Rim Fire.

No. 522WB	— .22 Caliber Special, 5 inch Barrel, Blued, 7 Shots, Weight 16 ½ Oz.	Each	\$11.00
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No. 622WB	— .22 Caliber Special, 6 inch Barrel, Blued, 7 Shots, Weight 17 ½ Oz.		12.00
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.32 Caliber Special, Center Fire.

No. 432WB	— .32 Caliber Special, 4 inch Barrel, Blued, 6 Shots, Weight 20 ½ Oz.	Each	\$10.00
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No. 532WB	— .32 Caliber Special, 5 inch Barrel, Blued, 6 Shots, Weight 21 ½ Oz.		11.00
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No. 632WB	— .32 Caliber Special, 6 inch Barrel, Blued, 6 Shots, Weight 22 ½ Oz.		12.00
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.38 Caliber, Center Fire.

No. 438WB	— .38 Caliber, 4 inch Barrel, Blued, 5 Shots, Weight 19 ½ Oz.	Each	\$10.00
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No. 538WB	— .38 Caliber, 5 inch Barrel, Blued, 5 Shots, Weight 20 ½ Oz.		11.00
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No. 638WB	— .38 Caliber, 6 inch Barrel, Blued, 5 Shots, Weight 21 ½ Oz.		12.00
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The .32 Special uses a .32 S. & W., S. & W. Long, or .32 Colt's New Police Cartridge.

Target Shooters, Sportsmen, Police Officers and Night Watchmen will find this grip very much to their taste.

The advantage of making the grip of one piece of wood are that it can be made of fancy knurled walnut, which could not be used on an ordinary two piece stock, as the grain would not match. The grip has a beautiful hand rubbed finish which brings out the grain of the wood to perfection.

IVER JOHNSON SPECIAL, SAFETY HAMMERLESS

Double Action, Automatic Ejector, Rubber Stock.
.32 Caliber Special, Center Fire, 6 Shots.

Nickel Plated.

No. 1932N	— .32 Caliber Special, 4 inch Barrel, Weight 20 Oz.	Each	\$8.50
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Blued Finish.

No. 1932B	— .32 Caliber Special, 4 inch Barrel, Weight 20 Oz.	Each	\$9.50
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This Revolver uses .32 Colt New Police, and .32 S. & W. Long, also the .32 S. & W. Regular Cartridges.

A heavy Revolver that shoots a small cartridge.

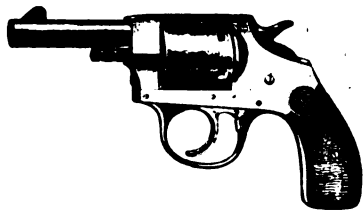
This Special has a heavy barrel, cylinder and frame, which permits six chambers in the cylinder instead of five. A magnificent target weapon.

For Component Parts, See Page 1355.

*Not Carried in Stock, Sold Only for Direct Factory Shipment.

REVOLVERS

U. S. HAMMER, DOUBLE ACTION



Solid Frame, Rubber Stock, Nickel Plated.

Rim Fire, 7 Shots.

No. 122—.22 Caliber, 2 ½ in. Barrel, Weight 12 Oz. Each \$3.00
Adapted to .22 Short and Long Cartridges.

Center Fire, 5 Shots.

No. 132—.32 Caliber, 2 ½ in. Barrel, Weight 13 Oz. Each \$3.00
No. 138—.38 Caliber, 2 ½ in. Barrel, Weight 18 Oz. 3.00
Adapted to .32 and .38 S. & W. Cartridges.

U. S. HAMMER, AUTOMATIC



Automatic Ejector, Rubber Stock.

Rim Fire, 7 Shots.

No. 22US—.22 Caliber, 3 inch Barrel, Nickel Plated, Each \$6.00
Weight 13 Oz.
Adapted to .22 Short and Long Cartridges.

Center Fire, 5 Shots.

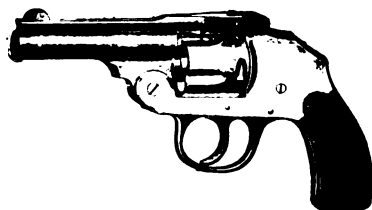
Nickel Plated.

No. 32US—.32 Caliber, 3 in. Barrel, Weight 12 ½ Oz. Each \$5.00
No. 38US—.38 Caliber, 3 in. Barrel, Weight 17 Oz. 5.00

Blued Finish.

No. 32BUS—.32 Caliber, 3 in. Barrel, Wt. 12 ½ Oz. Each \$6.00
No. 38BUS—.38 Caliber, 3 in. Barrel, Wt. 17 Oz. 6.00
Adapted to .32 and .38 S. & W. C. F. Cartridges.

U. S. HAMMERLESS, AUTOMATIC



Automatic Ejector, Rubber Stock, Center Fire, 5 Shots.

Nickel Plated.

No. 23US—.32 Caliber, 3 in. Barrel, Weight 12 ½ Oz. Each \$6.00
No. 33US—.38 Caliber, 3 in. Barrel, Weight 17 Oz. 6.00

Blued Finish.

No. 23BUS—.32 Caliber, 3 in. Barrel, Wt. 12 ½ Oz. Each \$7.00
No. 33BUS—.38 Caliber, 3 in. Barrel, Wt. 17 Oz. 7.00
Adapted to .32 and .38 S. & W. C. F. Cartridges.

H. & R. BICYCLE, HAMMERLESS



Automatic Shell Ejector, Double Action, Rubber Stock.

Rim Fire, 7 Shots.

No. 2222BC—.22 Caliber, 2 inch Barrel, Blued Finish, Each \$5.00
Weight 12 Oz.
Adapted to .22 Short and Long Cartridges.

Center Fire, 5 Shots.

No. 3232BC—.32 Caliber, 2 inch Barrel, Blued Finish, Each \$5.00
Weight 11 Oz.
Adapted to .32 S. & W. C. F. Cartridges.

IVER JOHNSON, CYCLE HAMMER



Double Action, Safety Automatic, Rubber Stock.

Center Fire, 5 Shots.

No. 632C—.32 Caliber, 2 inch Barrel, Nickel Plated, Each \$5.00
Weight 13 Oz.
No. 632CB—.32 Caliber, 2 inch Barrel, Blued Finish, 6.00
Weight 13 Oz.

Adapted to .32 S. & W. Center Fire Cartridges.

This Revolver has become popular with Cyclists and Auto-ists, as it fills all requirements and can be kept out of sight.

For Component Parts See Page 1355.

COLT DERRINGERS



Single Shot, Walnut Stock.

No. 36—Derringer, .41 Caliber, Rim Fire Cartridge, Per Pair
Length of Barrel 2 ½ inches, Nickel Plated Frame
with Blued Barrel, Weight 7 ½ Oz., Length Over
All 4 ¾ inches. \$12.00

Two in a Box.

A very powerful little weapon, which can be conveniently carried in the vest pocket.

REVOLVERS

SMITH & WESSON

DOUBLE ACTION, HAMMER



Automatic Shell Extractor, Rubber Stock, 5 Shots.

Each

- *No. 1032—.32 Caliber, 3 inch Barrel, Nickel Plated, Weight 12½ Oz. \$23.10
- *No. 1032B—.32 Caliber, 3 inch Barrel, Blued Finish, Weight 12½ Oz. 23.10
- Adapted to .32 S. & W. C. F. Cartridges.

SAFETY HAMMERLESS

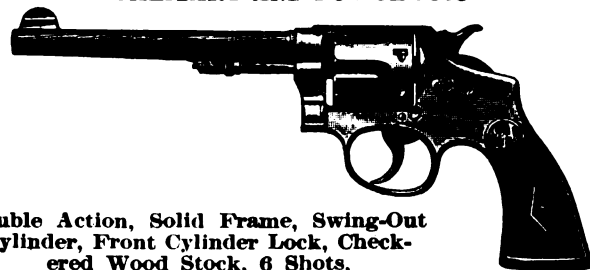


Automatic Shell Extractor, Rebounding Lock, Patent Safety Attachment, Rubber Stock, 5 Shots.

Each

- *No. 882—.32 Caliber, 3 inch Barrel, Nickel Plated, Weight 14¼ Oz. \$25.12
- *No. 882B—.32 Caliber, 3 inch Barrel, Blued Finish, Weight 14¼ Oz. 25.12
- *No. 888—.38 Caliber, 3¼ inch Barrel, Nickel Plated, Weight 17 Oz. 27.22
- *No. 888B—.38 Caliber, 3¼ inch Barrel, Blued Finish, Weight 17 Oz. 27.22
- Adapted to .32 and .38 S. & W. C. F. Cartridges.

MILITARY AND POLICE 1905



Double Action, Solid Frame, Swing-Out Cylinder, Front Cylinder Lock, Checkered Wood Stock, 6 Shots.

Each

- No. 1905B—.32 Caliber, 6 inch Barrel, Blued Finish, Weight 31½ Oz. \$30.50
- Adapted to .32 W. C. F. Cartridges.
- No. 4905B—.38 Caliber, 4 inch Barrel, Blued Finish, Weight 29¼ Oz. 30.50
- No. 6905B—.38 Caliber, 6 inch Barrel, Blued Finish, Weight 31 Oz. 30.50
- Adapted to .38 Long and S. & W. Special C. F. Cartridges.

HEAVY FRAME TARGET

Double Action, Solid Frame, Swing-Out Cylinder, Rebounding Lock, Front Cylinder Lock, Wood Target Stock, Target Sights, 6 Shots.

Each

- No. 2232—.22 Caliber, 6 inch Barrel, Blued Finish, Heavy Frame, Weight 23 Oz. \$29.60
- Adapted to .22 Short, Long S. & W. and Long Rifle Cartridges.

DOUBLE ACTION, PERFECTED, HAMMER



Heavy Frame, Automatic Shell Extractor, Double Locking Device, Rubber Stock, 5 Shots.

Each

- *No. 1038—.38 Caliber, 3¼ inch Barrel, Nickel Plated, Weight 17 Oz. \$27.20
- *No. 1038B—.38 Caliber, 3¼ inch Barrel, Blued Finish, Weight 17 Oz. 27.20
- Adapted to .38 S. & W. C. F. Cartridges.

HAND EJECTOR, MODEL 1903



Double Action, Solid Frame, Swing-Out Cylinder, Rebounding Lock, Front Cylinder Lock, Rubber Stock, 6 Shots.

Each

- No. 1903—.32 Caliber, 4¼ inch Barrel, Nickel Plated, Weight 18½ Oz. \$28.06
- No. 1903B—.32 Caliber, 4¼ inch Barrel, Blued Finish, Weight 18½ Oz. 28.06
- Adapted to .32 S. & W. Long C. F. Cartridges.

MILITARY MODEL 1908



Double Action, Solid Frame, Swing-Out Cylinder, Front Cylinder Lock, Checkered Wood Stock, 6 Shots.

Each

- No. 1908—.44 Caliber, 6½ inch Barrel, Blued Finish, Weight 30 Oz. \$33.00
- Adapted to .44 S. & W. Special and .44 Russian C. F. Cartridges.



COLT'S REVOLVERS

DOUBLE ACTION, JOINTLESS SOLID FRAME, SIMULTANEOUS EJECTION, POSITIVE LOCK

POCKET POSITIVE



Full Blued, Rubber Stock, 6 Shots.

- Each.
 No. 10—.32 Caliber, 2 1/2 inch Barrel, Weight 16 Oz. \$22.00
 No. 12—.32 Caliber, 3 1/2 inch Barrel, Weight 17 Oz. 22.00
 Adapted to .32 S. & W. Long and Short, when Barrel is stamped ".32 Police Ctg.," also .32 Short and Long Colt when barrel is stamped ".32 Colt Ctg."

POLICE POSITIVE



Full Blued, Rubber Stock, 6 Shots.

- Each
 *No. 21—.32 Caliber, Colt, 4 inch Barrel, Wt. 20 Oz. \$24.00
 No. 22—.32 Caliber, 4 inch Barrel, Wt. 20 Oz. 24.00
 No. 24—.32 Caliber, 6 inch Barrel, Wt. 22 Oz. 24.00
 No. 26—.38 Caliber, 4 inch Barrel, Wt. 21 Oz. 24.00
 No. 28—.38 Caliber, 6 inch Barrel, Wt. 23 Oz. 24.00
 *No. 21 uses .32 Short and Long Colt's only. Nos. 22 and 24 use .32 S. & W. Short and Long, and .32 Colt's Police Positive Cartridges.
 Nos. 26 and 28 use .38 Colt's Police Positive and .38 S. & W. Cartridges.

OFFICERS' MODEL TARGET



Full Blued, Checked Walnut Stock, 6 Shots.

- Each
 No. 30—.38 Caliber, 6 inch Barrel, Wt. 33 1/2 Oz. \$32.00
 No. 32—.38 Caliber, 7 1/2 inch Barrel, Wt. 35 Oz. 32.00
 Adapted to .38 Long Colt and .38 S. & W. Special Cartridges.

Sights—Front Sight adjustable for elevation; Rear Sight with adjusting screw, adjustable for windage.

Cartridges Adapted to Colt Revolvers.



POLICE POSITIVE SPECIAL



Full Blued, Rubber Stock, 6 Shots.

- Each
 No. 14—.32-20 Caliber, 4 inch Barrel, Weight 22 Oz. \$24.00
 No. 16—.32-20 Caliber, 6 inch Barrel, Weight 24 Oz. 24.00
 No. 18—.38 Caliber, 4 inch Barrel, Weight 22 Oz. 24.00
 No. 20—.38 Caliber, 6 inch Barrel, Weight 24 Oz. 24.00
 Adapted to .32-20 Winchester, .38 Long and Short Colt's; also .38 S. & W. Special Cartridges.

ARMY SPECIAL



Full Blued, Rubber Stock, 6 Shots.

- Each
 No. 2—.32-20 Caliber, 4 1/2 inch Barrel, Wt. 34 Oz. \$26.00
 No. 4—.32-20 Caliber, 6 inch Barrel, Wt. 36 Oz. 26.00
 No. 6—.38 Caliber, 4 1/2 inch Barrel, Wt. 34 Oz. 26.00
 No. 8—.38 Caliber, 6 inch Barrel, Wt. 36 Oz. 26.00
 Adapted to .32-20 Winchester and .38 Long and .38 Short Colt's, also .38 S. & W. Special Cartridges.

POLICE POSITIVE TARGET



Full Blued, Rubber Stock, 6 Shots.

- Each
 No. 37—.22 Caliber, 6 inch Barrel, Shoots Short and Long Cartridges Only, Weight 22 Oz. \$26.00
 *No. 35—.22 W. R. F. Caliber, 6 inch Barrel, Shoots .22 W. R. F. Cartridges Only, Weight 22 Oz. 26.00
 No. 34—.32 Caliber, 6 inch Barrel, Shoots .32 Colt and S. & W. Short and Long Cartridges, Weight 19 Oz. 26.00
 Sight—Block Rear Sight adjustable for windage. Removable Front Sight with Blade fastened by screw.
 *Not Carried in Stock, Shipped Direct from Factory.

COLT'S AUTOMATIC PISTOLS

.22 CALIBER TARGET MODEL



For .22 Long Rifle R. F. (Greased Cartridges Only) Either Lesmok or Semi-Smokeless.

No. 46—.22 Caliber, Full Blued, 10 Shots, 6½ inch Barrel, Checkered Walnut Stock, Length Over All 10½ inches, Distance Between Sights 9 inches, Weight 28 Oz. \$30.00

POCKET MODEL



Full Metal Patched Bullet.

.25 Caliber, Rimless, Smokeless. Each

No. 44—.25 Caliber, Hammerless, Full Blued, 6 Shots, 2 inch Barrel, Rubber Stock, Length Over All 4½ inches, Weight 13 Oz. \$20.00
Extra Magazines 1.85

POCKET MODEL



Full Metal Patched Bullet.

.32 Caliber, Rimless, Smokeless. Each

No. 42—.32 Caliber, Hammerless, Full Blued, 8 Shots, 3¾ inch Barrel, Rubber Stock, Length Over All 6¾ inches, Weight 23 Oz. \$26.00
Extra Magazines 1.00

POCKET MODEL



Full Metal Patched Bullet.

.380 Caliber, Rimless, Smokeless. Each

No. 40—.380 Caliber, Hammerless, Full Blued, 7 Shots, 3¾ inch Barrel, Rubber Stock, Length Over All 6¾ inches, Weight 23 Oz. \$30.00
Extra Magazines 1.25

POCKET MODEL



Full Metal Patched Bullet.

.38 Caliber, Rimless, Smokeless. Each

No. 38—.38 Caliber, Full Blued, 7 Shots, 4½ inch Barrel, Rubber Stock, Length Over All 7½ inches, Weight 32 Oz. \$34.00
Extra Magazines 1.50

MILITARY MODEL



Full Metal Patched Bullet.

.38 Caliber, Rimless, Smokeless. Each

No. 30—.38 Caliber, Ring in Butt, Full Blued, 8 Shot, 6 inch Barrel, Rubber Stock, Length Over All 9 inches, Weight 38 Oz. \$36.00
Extra Magazines 1.50

GOVERNMENT MODEL



Full Metal Patched Bullet.

Adopted by the U. S. Government.

.45 Caliber, Rimless, Smokeless. Each

No. 45—.45 Caliber, Full Blued, 7 Shot, 5 inch Barrel, Checkered Walnut Stock, with Grip Safety and Safety Lock, Length Over All 8½ inches, Weight 39 Oz. \$37.00
Extra Magazines 1.50

In Military and Government Models the slide remains open after firing the last cartridge. When reloading the arm in this position, insert the magazine, then press downward the slide stop. The slide goes forward, inserting a cartridge without any movement of the slide by hand. The slide stop is operated by the thumb of the hand holding the pistol.

The action of Colt's Pistols is automatic except that the trigger must be pulled to fire each shot (continued discharge will not result from one pull of the trigger). The arm can be discharged at the rate of five to eight shots per second, the cartridges being automatically supplied from a detachable magazine inserted in the handle of the pistol.

PISTOLS

SAVAGE AUTOMATIC

1915 MODEL, HAMMERLESS



Rimless, Smokeless.

Enclosed Breech Plug, Independent and Grip Safety, Rubber Grip Plates.

Each

- No. 32SA—.32 Caliber, 3 1/4 inch Barrel, Blued, 10 Shots, Length Over All 6 1/2 inches, Weight 20 1/2 Oz. \$15.00
- No. 380SA—.380 Caliber, 4 1/4 inch Barrel, Blued, 9 Shots, Length Over All 7 inches, Weight 22 Oz. 16.00

Adapted to .32 and .380 Rimless Savage and Colt's Smokeless Cartridges.

The Savage is a powerful, accurate and rapid fire pistol. The mechanism is semi-automatic or self-loading, in which the recoil of firing the cartridge extracts and ejects the empty shell, cocks the pistol and reloads it in readiness for the next shot. The trigger must be pulled to fire each shot.

SMITH & WESSON AUTOMATIC



Rimless, Smokeless.

With Hand Operated and Automatic Safety Devices, Wood Stock with Steel Plate Backing.

Each

- No. 35SA—.35 Caliber, 3 1/4 inch Barrel, Blued, 7 Shots, Length Over All 7 1/4 inches, Weight 24 Oz. \$28.00

Adapted to .35 Caliber S. & W. Automatic Cartridges, designed especially for this arm. The shell is rimless and the head instead of being folded is made solid.

TARGET PISTOLS

STEVENS TIP UP



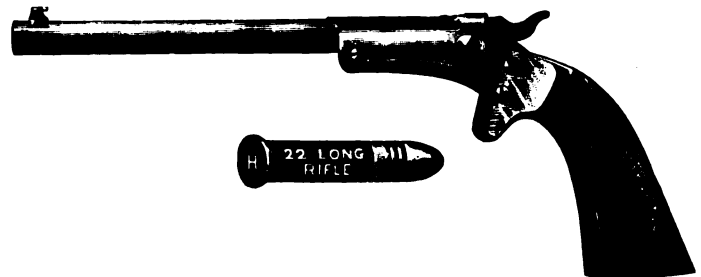
Plain Walnut Grip, Single Trigger, Open Sights.

Each

- No. 41—.22 Caliber, 3 1/4 inch Round Barrel, Octagon Breech, Blued, Nickel Plated Frame, Chambered for .22 Short Rim Fire Cartridges, Weight 8 Oz. \$3.00

A Handy Pocket Pistol, convenient to carry, when desired to shoot at a mark at short range, say up to 15 or 20 yards, it cannot be excelled.

STEVENS DIAMOND MODEL



Long Plain Walnut Grip, Single Trigger, Open Sights.

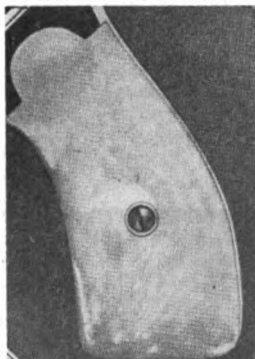
Each

- No. 43—.22 Caliber, 6 inch Round Barrel, Octagon Breech, Nickel Plated Frame, Chambered for .22 Long Rifle Rim Fire Cartridges, Weight 9 Oz. \$5.00

Note—Will also shoot .22 short and long cartridges, but they are not recommended for accuracy.

REVOLVER STOCKS

PEARL STOCKS



Per Pair

- No. 11—To Fit .32 Caliber Iver Johnson Automatic Hammer and Hammerless Revolvers. \$2.00
- No. 12—To Fit .38 Caliber Iver Johnson Automatic Hammer and Hammerless Revolvers. 2.25

RUBBER TARGET GRIP STOCKS



Per Pair

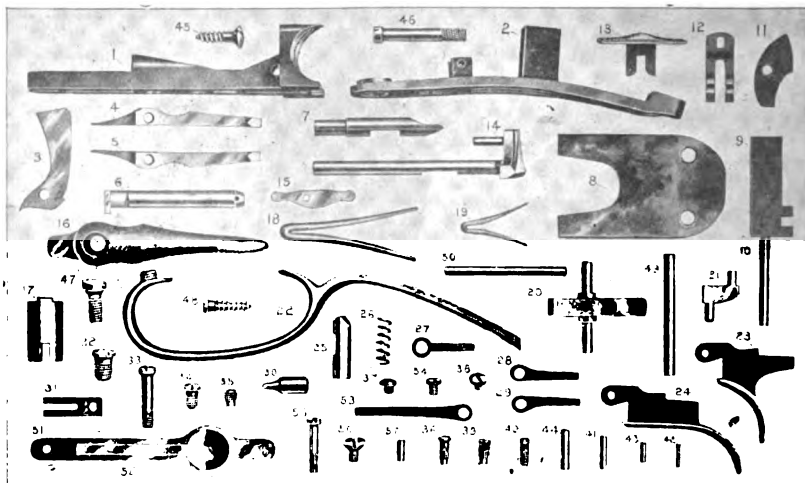
- No. 13—To Fit .32 Caliber Iver Johnson Automatic Hammer and Hammerless Revolvers. \$1.80
- No. 14—To Fit .38 Caliber Iver Johnson Automatic Hammer and Hammerless Revolvers. 2.00

COMPONENT SHOT GUN PARTS

VERNON ARMS CO., HAMMERLESS, AND FRANKFURTH'S SPECIAL HAMMERLESS

Nos. 2005, 2016 and 2020.

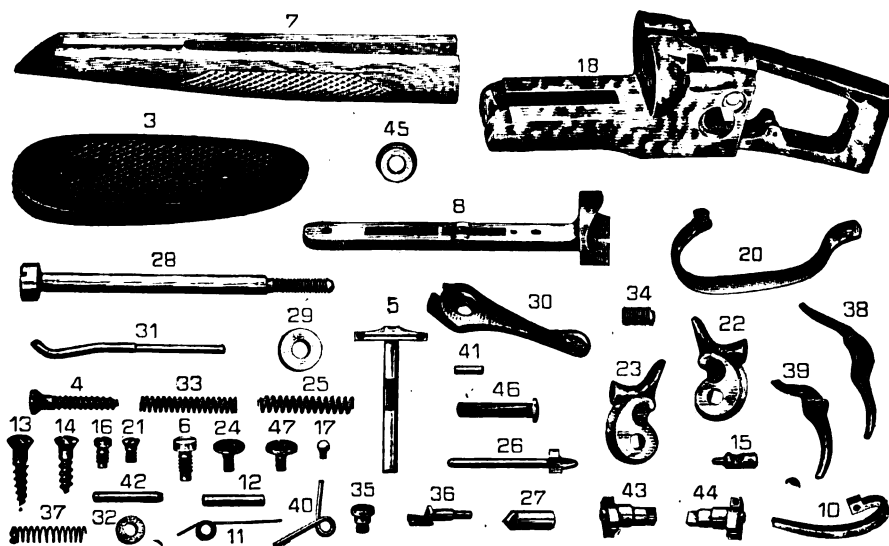
	Each
Barrels, Damascus	\$12.00
Barrels, Fine Twist.....	10.00
Stock, English Walnut.....	5.00
Action Frame	4.00
Butt Plate, Rubber.....	.50
Grip Cap, Rubber.....	.25
Fore End, Complete	2.50
No. 1—Fore End Iron.....	.75
No. 2—Trigger Plate	1.00
No. 3—Striker or Hammer...	.50
No. 4—Right Hand Sear.....	.50
No. 5—Left Hand Sear.....	.50
No. 6—Safety Bar .....	.50
No. 7—Cocking Bolt .....	.50
No. 8—Cover Plate .....	.25
No. 9—Locking Bolt .....	.50
No. 10—Safety Push Pin.....	.10
No. 11—Extractor Cam .....	.15
No. 12—Safety Spring .....	.15
No. 13—Safety Slide .....	.50
No. 14—Extractor .....	.50
No. 15—Safety Lever .....	.15
No. 16—Top Lever .....	.50
No. 17—Top Lever Barrel.....	.20
No. 18—Main Spring .....	.50
No. 19—Top Lever Spring.....	.25
No. 20—Cocking Lever .....	.50
No. 21—Inside Lever .....	.25
No. 22—Trigger Guard .....	.75
No. 23—Right Hand Trigger...	.25
No. 24—Left Hand Trigger...	.25
No. 25—Fore End Bolt.....	.10
No. 26—Fore End Bolt Spring..	.10
No. 27—Extractor Cam Spring..	.10
No. 28—Left Hand Sear Spring..	.25
No. 29—Right Hand Sear Spring..	.25
No. 30—Plunger .....	.15
No. 31—Trigger Spring .....	.15



	Each
No. 32—Front Trigger Plate Screw	\$0.10
No. 33—Top Tang Screw.....	.10
No. 34—Cover Plate Screw.....	.10
No. 35—Fore End Bolt Screw.....	.10
No. 36—Cocking Bolt Screw.....	.10
No. 37—Sear Spring Screw.....	.10
No. 38—Trigger Spring Screw.....	.10
No. 39—Safety Spring Screw.....	.10
No. 40—Plunger Screw .....	.10
No. 41—Trigger Pin .....	.10
No. 42—Safety Slide Pin.....	.10
No. 43—Safety Bar Pin.....	.10
No. 44—Extractor Cam Pin.....	.10
No. 45—Fore End Wood Screw...	.10
No. 46—Rear Trigger Plate Screw	.10

	Each
No. 47—Lever Screw	\$0.10
No. 48—Trig. Guard Wood Screw	.10
No. 49—Striker or Hammer Pin.	.10
No. 50—Sear Pin .....	.10
No. 51—D. & E. Fore End Fast Frame .....	.40
No. 52—D. & E. Fore End Fast Lever .....	.25
No. 53—D. & E. Fore End Fast Spring .....	.15
No. 54—D. & E. Spring Screw...	.10
No. 55—D. & E. Long Screw...	.10
No. 56—D. & E. Short Screw...	.10
No. 57—D. & E. Lever Pin.....	.10
No. 61—Extractor Screw .....	.10

JUNEAU ARMS CO. HAMMER, Nos. 215, 216 and 220.



	Each
No. 23—Hammer, Left	\$0.50
No. 24—Hammer Screw .....	.10
No. 25—Mainspring .....	.10
No. 26—Mainspring Plunger .....	.15
No. 27—Mainspr'g Plunger Sleeve	.10
No. 28—Stock Bolt .....	.35
No. 29—Stock Bolt Washer.....	.10
No. 30—Top Snap .....	.85
No. 31—Top Snap Plunger.....	.10

	Each
No. 32—Top Snap Plunger Collar.	\$0.10
No. 33—Top Snap Plunger Spring	.10
No. 34—Top Snap Plunger Screw.	.10
No. 35—Top Snap Screw.....	.10
No. 36—Top Snap Trip.....	.15
No. 37—Top Snap Trip Spring...	.10
No. 38—Trigger, Left .....	.25
No. 39—Trigger, Right .....	.25
No. 40—Trigger Spring .....	.10

	Each
No. 1—Barrels, Per Pair.....	\$7.00
No. 2—Butt Stock with Butt Plate	4.50
No. 3—Butt Plate .....	.50
No. 4—Butt Plate Screw.....	.10
No. 5—Extractor .....	.75
No. 6—Extractor Screw .....	.10
No. 7—Fore-End Wood	1.00
No. 8—Fore-End Iron	1.00
No. 9—Fore-End Complete	2.00
No. 10—Fore-End Spring .....	.35
No. 11—Fore-End Spring Spring.	.10
No. 12—Fore-End Spring Pin...	.10
No. 13—Fore-End Screw, Long..	.10
No. 14—Fore-End Screw, Short..	.10
No. 15—Firing Pin .....	.15
No. 16—Firing Pin Screw.....	.10
No. 17—Front Sight .....	.10
No. 18—Frame	5.00
No. 19—Frame and Action.....	7.50
No. 20—Guard .....	.75
No. 21—Guard Screw .....	.10
No. 22—Hammer, Right .....	.50

	Each
No. 41—Trigger Spring Pin.....	\$0.10
No. 42—Trigger Pin .....	.10
No. 43—Tumbler, Right .....	.50
No. 44—Tumbler, Left .....	.50
No. 45—Tumbler Collar .....	.10
No. 46—Tumbler Collar Screw, Long .....	.15
No. 47—Tumbler Collar Screw, Short .....	.15

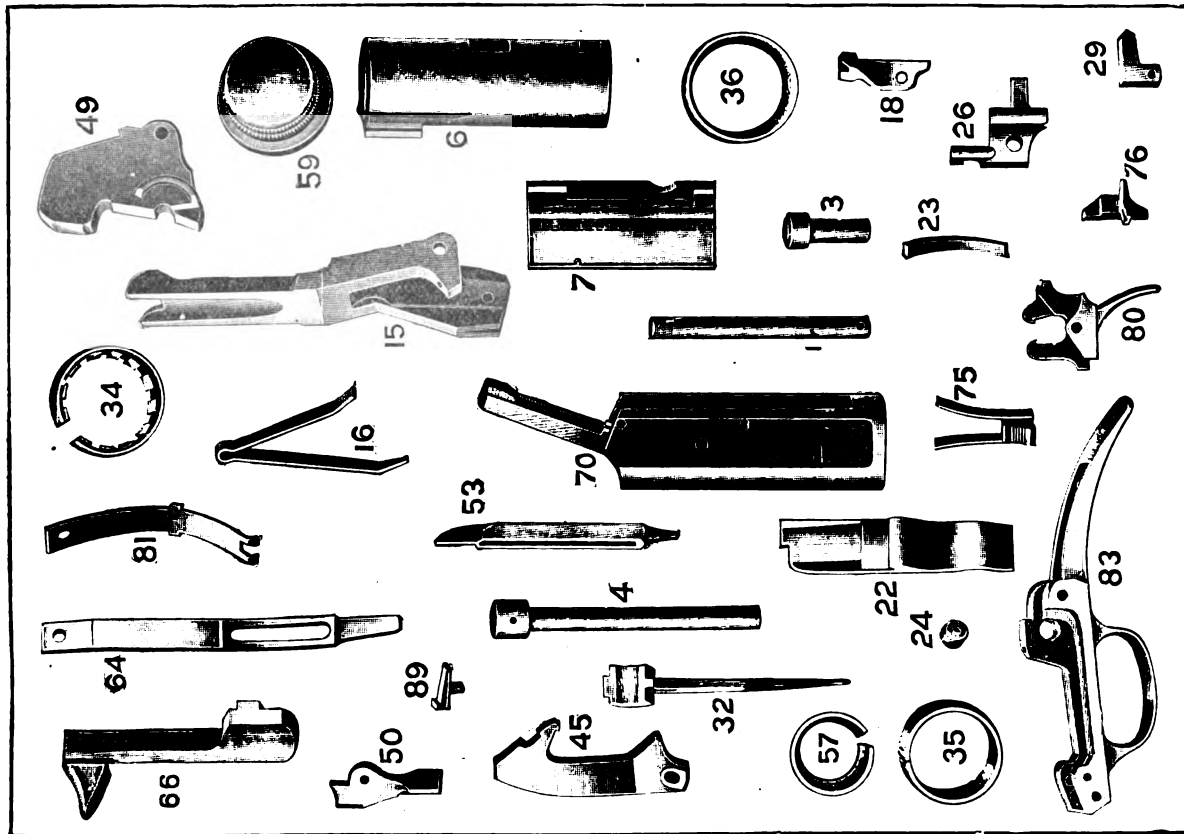
Note—Be sure and order parts by number, and if possible send broken piece. Always say whether for right or left hand.

*All Parts Listed at 10 Cents are Sold Net.

COMPONENT SHOT GUN PARTS

REMINGTON U. M. C. AUTOLOADING, MODEL No. 11

Nos. 1228R, 1228M, 1907RB, 1907RBM, 1910RB, 1910RBM, 3RB, and No. 11D.



Nos.	Each
V1—Action Spring Tube.....	\$ 0.50
V2—Action Spring .....	.40
V3—Action Spring Follower...	.35
V4—Action Spring Plug .....	.20
V5—Barrel No. 1	10.00
V6—Barrel Extension	3.00
V7—Breech Bolt	3.00
V8—Butt Stock No. 11.....	3.50
V9—Butt Stock Nos. 11B, 11C ..	6.00
V10—Butt Stock No. 11D.....	16.00
V11—Butt Stock No. 11E.....	20.00
V12—Butt Stock No. 11F.....	25.00
V13—Butt Plate .....	.85
V14—Butt Plate Screws (2) each	.10
V15—Carrier	2.00
V16—Carrier Spring .....	.35
V17—Carrier Screws (2) each..	.10
V18—Carrier Dog .....	.25
V19—Carrier Dog Spring .....	.15
V20—Carrier Dog Follower.....	.10
V21—Carrier Dog Pin .....	.10
V22—Carrier Latch .....	.75
V23—Carrier Latch Spring .....	.15
V24—Carrier Latch Button .....	.15
V25—Carrier Latch Screw .....	.10
V26—Cartridge Stop .....	.75
V27—Cartridge Stop Spring....	.15
V28—Cartridge Stop Screw....	.10
V29—Extractor .....	.40
V30—Extractor Spring .....	.15
V31—Extractor Pin .....	.10
V32—Firing Pin .....	.50

Nos.	Each
V33—Firing Pin Stop Pin.....	\$0.10
V34—Friction Piece, Bronze.....	.25
V35—Friction Spring .....	.25
V36—Friction Ring .....	.25
V37—Front Sight, Complete.....	.75
V38—Front Sight, Base.....	.65
V39—Fore-End, Complete, No. 11A	1.70
V40—Fore-End, Complete, Nos. 11B and 11C.....	3.50
V41—Fore-End, Comp'e, No. 11D. 4.00	
V42—Fore-End, Comp'e, No. 11E. 6.00	
V43—Fore-End, Comp'e, No. 11F. 8.00	
V44—Front Stock, Coupled with Magazine Cap Stock.....	2.00
V45—Hammer .....	.75
V46—Hammer Pin .....	.10
V47—Hammer Roll .....	.15
V48—Locking Screws, Each.....	.10
V49—Locking Block	1.50
V50—Locking Block Latch .....	.75
V51—Locking Block Latch Spring	.15
V52—Locking Block Latch Pin..	.10
V53—Link	1.00
V54—Link Pin .....	.10
V55—Magazine	1.00
V56—Magazine Spring .....	.30
V57—Magazine Spring Retainer..	.25
V58—Magazine Follower .....	.50
V59—Magazine Cap, Nos. 11A, B and C.....	.50
V60—Magazine Cap, No. 11D...	1.00

Nos.	Each
V61—Magazine Cap, No. 11E...\$	1.75
V62—Magazine Cap, No. 11F...	2.50
V63—Mag. Cap Stop (Complete)	.30
V64—Mainspring .....	.40
V65—Mainspring Screw .....	.10
V66—Operating Slide, Nos. 11A, B and C.....	1.50
V67—Operating Slide, No. 11D. 1.75	
V68—Operating Slide, No. 11E. 2.00	
V69—Operating Slide, No. 11F. 2.25	
V70—Receiver, Nos. 11A, B, C. 10.00	
V71—Receiver, No. 11D.....	20.00
V72—Receiver, No. 11E.....	30.00
V73—Receiver, No. 11F.....	60.00
V74—Recoil Spring	1.00
V75—Safety .....	.40
V76—Safety Sear .....	.35
V77—Safety Sear Follower.....	.15
V78—Safety Sear Spring.....	.15
V79—Tang Screw .....	.10
V80—Trigger .....	.50
V81—Trigger Spring .....	.20
V82—Trigger Pin .....	.10
V83—Trigger Plate, Nos. 11A, B and C.....	2.50
V84—Trigger Plate, No. 11D... 3.50	
V85—Trigger Plate, No. 11E... 4.50	
V86—Trigger Plate, No. 11F... 7.50	
V87—Trigger Plate Front Pin..	.10
V88—Trigger Plate Rear Screw.	.10
V89—Ejector .....	.20

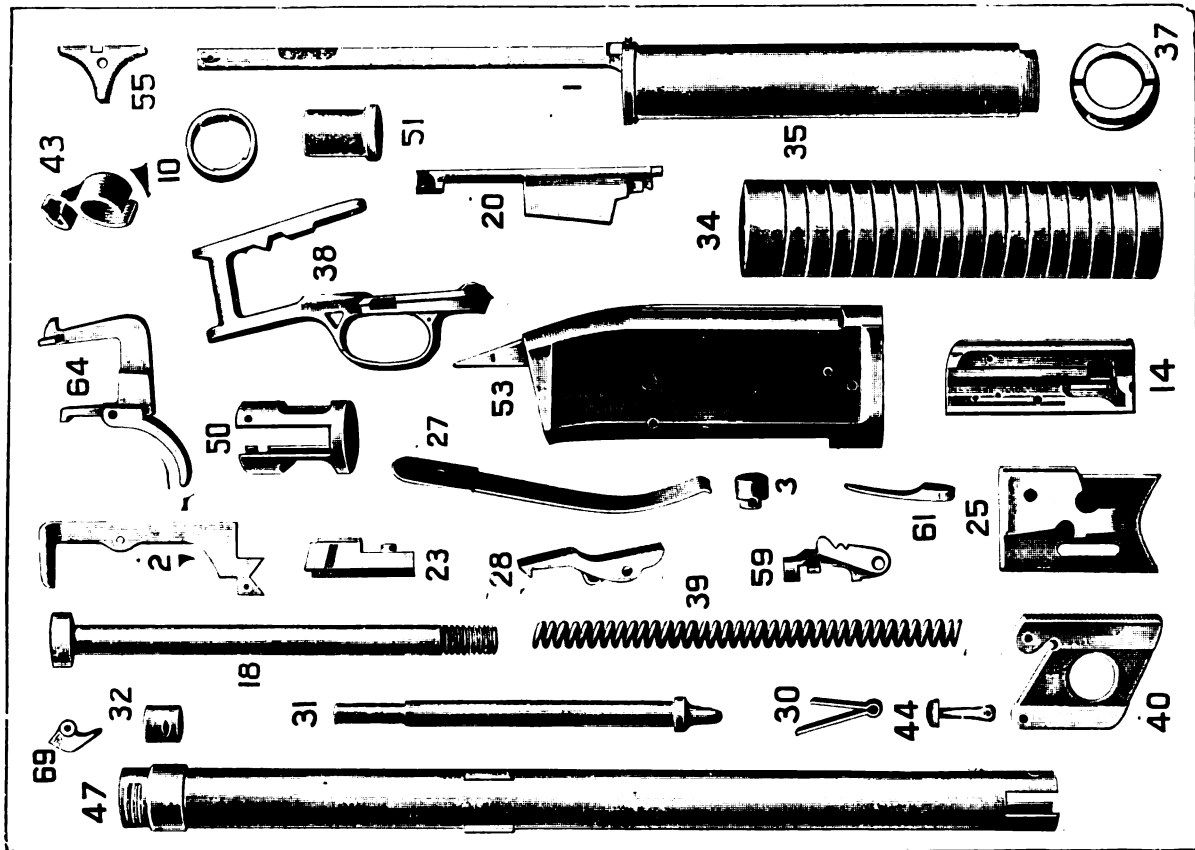
Note—In ordering, give Number, as well as Name of Part, and for what Fire Arm they are intended.

*All Parts Listed at 10 Cents are Sold Net.

COMPONENT SHOT GUN PARTS

REMINGTON-U. M. C. REPEATING, MODEL No. 10

Nos. 1908R, 1908RM, 02RB, 02RBM, 1909R, 1914RB, 1915S, 1916C, 003RB and 1917D.



Nos. U1, U35, U36 —Action Bar Complete with Fore-End Tube, Bushing and Rivets. Grade 10A, B and C.....	2.50
Grade 10D	3.50
Grade 10E	4.00
Grade 10F	4.00
No. U2 —Action Bar Lock.....	.50
No. U2½ —Action Bar Lock Compl.	1.15
No. U3 —Action Bar Lock Button .....	.10
No. U4 —Action Bar Lock Button Spring .....	.10
No. U5 —Action Bar Lock Pin....	.10
No. U6 —Action Bar Lock Spring .....	.10
No. U7 —Action Bar Stud.....	.10
No. U8 —Action Bar Rivet.....	.10
No. U10 —Barrel Adjust. Bushing.....	.50
No. U11 —Barrel Adjusting Screw.....	.10
No. U12A —Barrel Yoke Grade 10A, B and C.....	1.25
No. U12D —Grade 10D	2.00
No. U12E —Grade 10E	3.50
No. U12F —Grade 10F	5.00
No. U13 —Barrel Yoke Stop Screw .....	.10
No. U14 —Breech Block	4.00
No. U14½ —Breech Block Assembled, Complete	7.00
No. U15 —Butt Plate .....	.85
No. U16 —Butt Plate Screws (2) each .....	.10
No. U17A —Butt Stock, Grade 10A.	4.50
No. U17B —Butt Stock, Grade 10B.	22.50
No. U17C —Butt Stock, Grade 10C.	22.50
No. U17S —Butt Stock, Grade 10S.	10.00
No. U17D —Butt Stock, Grade 10D.	25.00
No. U17E —Butt Stock, Grade 10E.	30.00
No. U17F —Butt Stock, Grade 10F.	35.00
No. U18 —Butt Stock Bolt.....	.20

No. U19 —Butt Stock Bolt Washer.....	Each \$0.10
Nos. U20, U21 —Carrier and Spring.....	2.50
No. U23 —Carrier Stop .....	.25
No. U24 —Cartridge Stop .....	.25
No. U25 —Cocking Head	1.00
No. U25½ —Cocking Head Complete with Mainspring, Firing Pin and Bushing	1.60
No. U26 —Cocking Head Pin.....	.10
No. U27 —Ejector Spring .....	.20
No. U28 —Extractor .....	.40
No. U29 —Extractor Pin .....	.10
No. U30 —Extractor Spring .....	.20
No. U31 —Firing Pin .....	.20
No. U32 —Firing Pin Bushing.....	.15
No. U33 —Firing Pin Bushing Pin .....	.10
No. U34A —Fore-End, Grade 10A... ..	1.00
No. U34B —Fore-End, Grade 10B... ..	5.00
No. U34C —Fore-End, Grade 10C... ..	5.00
No. U34S —Fore-End, Grade 10S... ..	3.50
No. U34D —Fore-End, Grade 10D... ..	6.00
No. U34E —Fore-End, Grade 10E... ..	7.00
No. U34F —Fore-End, Grade 10F... ..	10.00
No. U37 —Fore-End Nut .....	.30
No. U38A —Guard, Grade 10A, B & C	2.50
No. U38D —Guard, Grade 10D.....	4.00
No. U38E —Guard, Grade 10E.....	6.00
No. U38F —Guard, Grade 10F.....	10.00
No. U39 —Main Spring .....	.25
No. U40 —Magazine Lever .....	.60
No. U41 —Magazine Lever Pin.....	.10
No. U42 —Magazine Lever Spring.....	.10
No. U43 —Barrel Lug	1.00
No. U44 —Magazine Lever Detent.....	.20
No. U45 —Barrel Lug Screw.....	.10
No. U46 —Magazine Plug Screw... ..	.10
Nos. U47, U48, U49 —Magazine Tube, Complete with Bushing and Two Lugs	2.00

No. U50 —Magazine Plug	Each \$0.40
No. U51 —Magazine Follower .....	.10
No. U52 —Magazine Spring .....	.20
No. U53A —Receiver, Grade 10A, B, and C	10.00
No. U53D —Receiver, Grade 10D....	20.00
No. U53E —Receiver, Grade 10E....	30.00
No. U53F —Receiver, Grade 10F....	60.00
No. U54 —Safety Slide Ball.....	.10
No. U55 —Safety Slide .....	.25
No. U55½ —Safety Slide, Complete with Ball, Plug and Spring....	.35
No. U56 —Safety Slide Pin.....	.10
No. U57 —Safety Slide Spring.....	.10
No. U58 —Safety Slide Plug.....	.10
No. U59 —Sear .....	.50
No. U60 —Sear Pin .....	.10
No. U61 —Sear Spring .....	.20
No. U62 —Sear Spring Screw .....	.10
No. U63 —Tang Screw .....	.10
No. U64 —Trigger	1.00
No. U65 —Trigger Pin .....	.10
No. U66 —Trigger Spring .....	.10
No. U68 —Tang Screw Check Screw .....	.10
No. U69 —Action Bar Lock Shoe... ..	.25
No. U71 —Breech Block Detent Pin .....	.10
No. U72 —Magazine Lever Detent Retaining Pin .....	.10
No. U73 —Magazine Lug Rivet....	.10
No. U74 —Guard Screw .....	.10
No. U75 —Front Sight .....	.10
No. U76 —Fore-End Rivet .....	.10
No. U77A —Magazine with Fore-End and Action Bar Complete No. 10A	4.00
No. U77B —Grade 10B and 10C.....	9.00
No. U77S —Grade 10S	6.50
No. U77D —Grade 10D	10.00

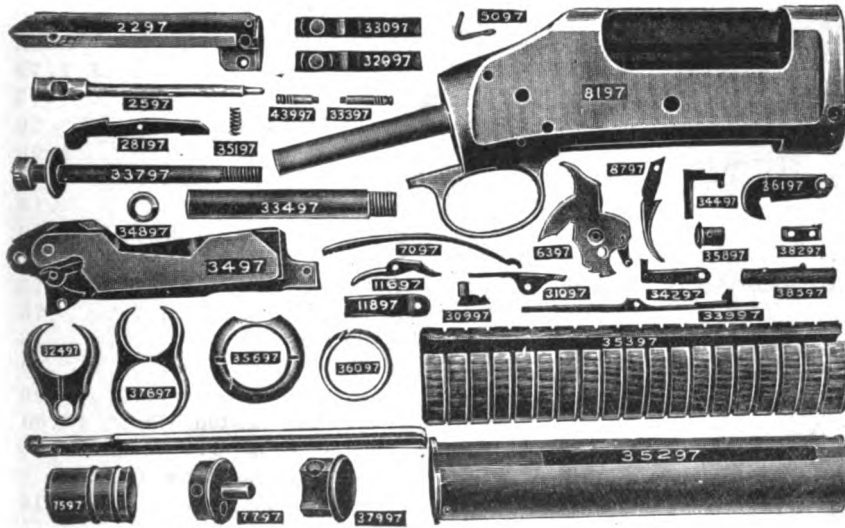
Note—In ordering, give Number, as well as Name of Part, and for what Fire Arm they are intended.

*All Parts Listed at 10 Cents are Sold Net.

COMPONENT SHOT GUN PARTS

WINCHESTER REPEATING, MODEL 1897

Nos. 74, 75, 76, 77, 163, 164, 162, 165, 72 and 160.



No.	Description	Each
No. 81097	Extractor, Left Hand	\$0.30
No. 81397	Extractor Pin, Left Hand	.10
No. 2197	Breech Bolt, Complete	4.35
No. 3097	Butt Stock	3.00
No. 8197	Butt Plate	.50
No. 3297	Butt Plate Screws (2), Each	.10
No. 2997	Butt Stock, Complete	3.60
No. 3497	Carrier with Cartridge Guide, Friction Spring and Rivet	3.80
No. 4097	Cartridge Guide	.30
No. 34897	Cartridge Guide Friction Spring	.20
No. 34997	Cartridge Guide Rivet	.10
No. 6397	Hammer with Stirrup and Stirrup Pin	.75
No. 13197	Hammer Pin	.10
No. 6497	Hammer Stirrup	.10
No. 6597	Hammer Stirrup Pin	.10
No. 11697	Sear	.20
No. 11797	Sear Pin	.10
No. 11897	Sear Spring	.20
No. 11997	Sear Spring Screw	.10
No. 33997	Action Slide Lock	.35
No. 34097	Action Slide Lock Joint Pin	.10
No. 34197	Action Slide Lock Joint Pin Stop Screw	.10
No. 34297	Action Slide Lock Spring	.10
No. 34397	Action Slide Lock Spring Screw	.10
No. 34497	Action Slide Lock Release Plunger	.30
No. 7297	Main Spring Strain Screw	.10
No. 7097	Main Spring	.30
No. 34597	Main Spring Pin	.10
No. 8397	Carrier Complete	6.35
No. 34697	Carrier Pin	.10

No.	Description	Each
No. 35297	Action Slide	\$3.00
No. 35397	Action Slide Handle	.90
No. 35697	Action Slide Sleeve Screw Cap	.60
No. 36397	Action Slide Complete	4.50
No. 35797	Action Slide Handle, Trap or Pigeon Grade	5.00
No. 35897	Action Slide Lock Release Plunger Pin	.10
No. 35997	Action Slide Lock Release Plunger Pin Spring	.10
No. 36097	Action Slide Spring	.15
No. 36197	Action Slide Hook	.20
No. 36297	Action Slide Hook Screw	.10
No. 197	Barrel, Plain	10.00
No. 2297	Breech Bolt	2.75
No. 2597	Firing Pin	.50
No. 28197	Firing Pin Lock	.25
No. 35097	Firing Pin Lock Screw	.10
No. 35197	Firing Lock Spring	.10
No. 2697	Firing Pin Stop Pin	.10
No. 30997	Extractor, Right Hand	.25
No. 14797	Extractor Plunger, Right Hand	.10
No. 31197	Extractor Plunger Spring, Right Hand	.10

No.	Description	Each
No. 34797	Carrier Pin Stop Screw	\$0.10
No. 32897	Cartridge Guide Stop Screw	.10
No. 32997	Cartridge Stop, Right Hand	.45
No. 33097	Cartridge Stop, Left Hand	.45
No. 33297	Cartridge Stop Spring	.10
No. 33397	Cartridge Stop Screw, Right Hand	.10
No. 43997	Cartridge Stop Screw, Left Hand	.10
No. 5097	Ejector Spring	.10
No. 26997	Ejector Spring Screw	.10
No. 32797	Ejector Pin	.10
No. 10897	Front Sight	.10
No. 7497	Magazine Tube	1.65
No. 32497	Magazine Band	.60
No. 32597	Magazine Band Screw	.10
No. 7797	Magazine Plug	.50
No. 7897	Magazine Plug Screw	.10
No. 7697	Magazine Spring	.15
No. 7597	Magazine Follower	.10
No. 7397	Magazine Complete	3.10
No. 32697	Magazine Stop Screw	.10
No. 8297	Receiver	9.00
No. 9697	Guard Bow	1.50
No. 8897	Trigger Pin	.10
No. 33497	Receiver Shank	.45
No. 8197	Receiver Complete	11.00
No. 33597	Receiver Shank Bolt	.30
No. 33697	Receiver Shank Bolt Washer	.10
No. 33797	Receiver Shank Bolt Complete	.35
No. 8797	Trigger	.20
No. 8997	Trigger Spring	.10
No. 33897	Trigger Stop Screw	.10

WINCHESTER REPEATING, MODEL 1897 "TAKE DOWN"

No.	Description	Each
No. 36897	Action Slide	\$3.00
No. 36997	Adjusting Sleeve	1.75
No. 87097	Adjusting Sleeve Lock	.25
No. 87197	Adjusting Sleeve Lock Screw	.10
No. 297	Barrel	10.00
No. 87297	Barrel Chamber Ring	.50
No. 37397	Barrel Chamber Ring Retaining Screws (2), Each	.10
No. 87497	Extension Stop Screw	.10
No. 37597	Magazine Tube	2.05
No. 37697	Magazine Band	.60
No. 37797	Magazine Band Bushing	.25

No.	Description	Each
No. 37897	Magazine Band Bushing Screws (2), Each	\$0.10
No. 37997	Magazine Plug	.60
No. 38097	Magazine Plug Screws (2), Each	.10
No. 38197	Magazine Plug Stop	.25
No. 38297	Magazine Stop	.10
No. 38397	Magazine Stop Screws (2), Each	.10
No. 38497	Magazine Spring	.15
No. 38597	Magazine Locking Pin and Spring	.25
No. 38697	Magazine Locking Pin Spring	.10
No. 38797	Magazine Follower	.15
No. 40397	T. D. Magazine Complete	4.65

Note—In ordering, give Number, as well as Name of Part, and for what Fire Arm they are Intended.

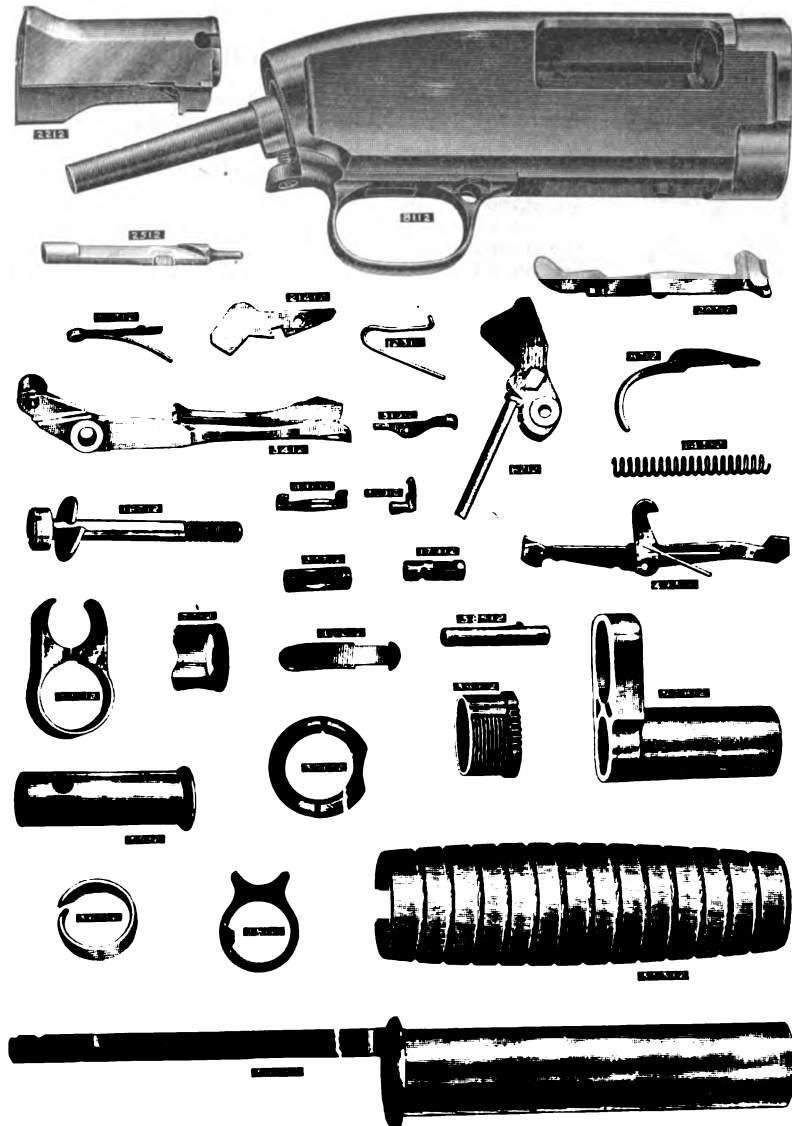
*All Parts Listed at 10 Cents are Sold Net.

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COMPONENT SHOT GUN PARTS

WINCHESTER REPEATING, MODEL 1912.

Nos. 80 to 83RM, 84 to 84RM, 85 to 85RM, 86, 87, 88, 89 and 90.



	Each
No. 35212—Action Slide	\$ 2.75
No. 35312—Action Slide Handle .....	.75
No. 35612—Action Slide Sleeve Screw Cap..	.50
No. 36312—Action Slide Complete	4.00
No. 49212—Action Slide Handle Retaining Spring .....	.10
No. 49312—Action Slide Lock and Spring....	1.00
No. 49412—Action Slide Lock Pivot .....	.10
No. 36012—Action Slide Spring .....	.15
No. 36912—Adjusting Sleeve .....	.75
No. 37012—Adjusting Sleeve Lock .....	.15
No. 37112—Adjusting Sleeve Lock Screw....	.10
No. 112—Barrel*	10.00
No. 212—Barrel with Raised Matted Rib.. *	15.00
No. 37212—Barrel Chamber Ring* .....	.50
No. 49512—Barrel Chamber Ring Screw (2), Each .....	.10
No. 2212—Breech Bolt	3.75
No. 49612—Breech Bolt Retaining Lever....	.35
No. 49712—Breech Bolt Retaining Lever Pin.	.10
No. 30912—Extractor, Right Hand .....	.25
No. 31012—Extractor, Left Hand .....	.25
No. 49812—Extractor Spring, Right Hand...	.10
No. 49912—Extractor Spring, Left Hand....	.10
No. 50012—Extractor Spring Plunger, Right Hand .....	.10
No. 31312—Extractor Pin, Left Hand.....	.10
No. 2512—Firing Pin .....	.25
No. 21412—Firing Pin Retractor .....	.25
No. 50112—Firing Pin Retractor Screw .....	.10
No. 50212—Firing Pin Retractor Spring....	.10
No. 2112—Breech Bolt Complete	5.45
No. 3012—Butt Stock	3.00
No. 3112—Butt Plate .....	.80
No. 3212—Butt Plate Screws (2), Each....	.10
No. 2912—Butt Stock Complete	3.90
No. 15412—Butt Stock Bolt .....	.30
No. 15512—Butt Stock Bolt Washer .....	.10
No. 18712—Butt Stock Bolt Complete .....	.35

	Each
No. 3412—Carrier	\$1.75
No. 50312—Carrier Plunger .....	.10
No. 50412—Carrier Plunger Spring .....	.10
No. 50512—Carrier Plunger Screw .....	.10
No. 3312—Carrier Complete	1.90
No. 50612—Carrier Pivot .....	.10
No. 12312—Carrier Spring .....	.10
No. 20712—Cartridge Cut Off .....	.75
No. 50712—Ejector with Spring .....	.50
No. 15912—Hammer Spring Guide Rod .....	.20
No. 16012—Hammer Spring Guide Rod Pin....	.10
No. 6212—Hammer Complete	1.00
No. 13112—Hammer Pin .....	.10
No. 14312—Hammer Spring .....	.10
No. 7412—Magazine Tube	3.50
No. 37612—Magazine Band .....	.60
No. 37712—Magazine Band Bushing .....	.25
No. 37812—Magazine Band Bushing Screws (2), Each.	.10
No. 7512—Magazine Follower .....	.10
No. 38512—Magazine Locking Pin and Spring....	.25

	Each
No. 38612—Magazine Locking Pin Spring.....	\$ 0.10
No. 7712—Magazine Plug .....	.50
No. 38112—Magazine Plug Stop .....	.25
No. 38012—Magazine Plug Screws (2), Each.....	.10
No. 7612—Magazine Spring .....	.15
No. 7312—Magazine Complete	5.95
No. 8212—Receiver*	12.00
No. 33412—Receiver Shank .....	.25
No. 13612—Guard*	3.75
No. 51012—Guard Screw .....	.10
No. 8112—Receiver Complete	16.05
No. 50812—Receiver Extension*	2.50
No. 8712—Trigger .....	.35
No. 17912—Trigger Lock .....	.20
No. 18012—Trigger Lock Plunger .....	.10
No. 18112—Trigger Lock Plunger Spring.....	.10
No. 19112—Trigger Lock, Plunger and Spring Complete .....	.30
No. 8912—Trigger Spring .....	.10
No. 8812—Trigger Pin .....	.10

*In replacing parts marked thus, it will be necessary to send the gun to the factory.

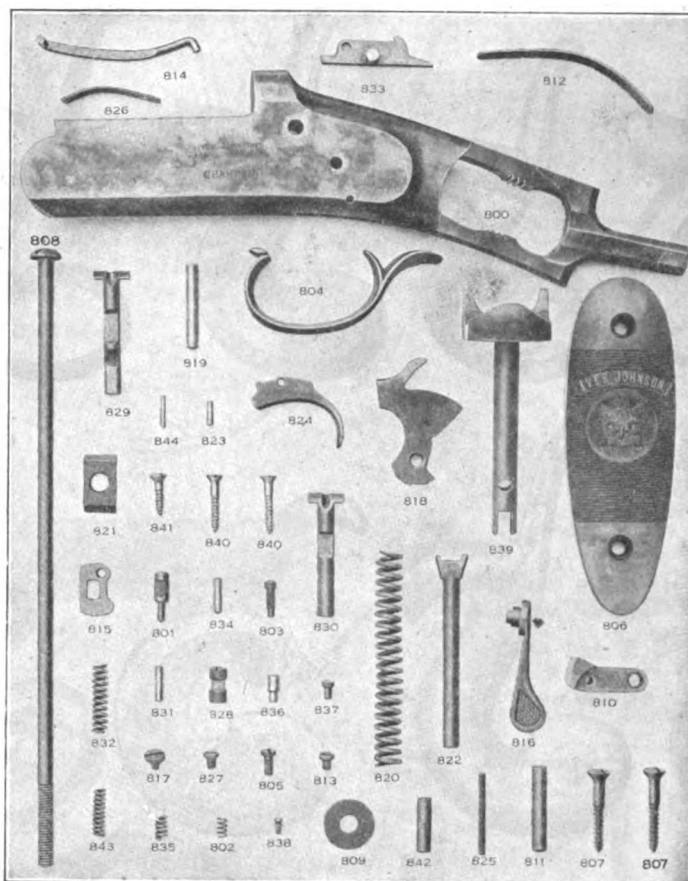
Note—In Ordering, Give Number, as well as Name of Part and for what firearm they are intended.

All Parts Listed at 10 cents are sold Net.

COMPONENT SHOT GUN PARTS

IVER JOHNSON

CHAMPION SINGLE BARREL



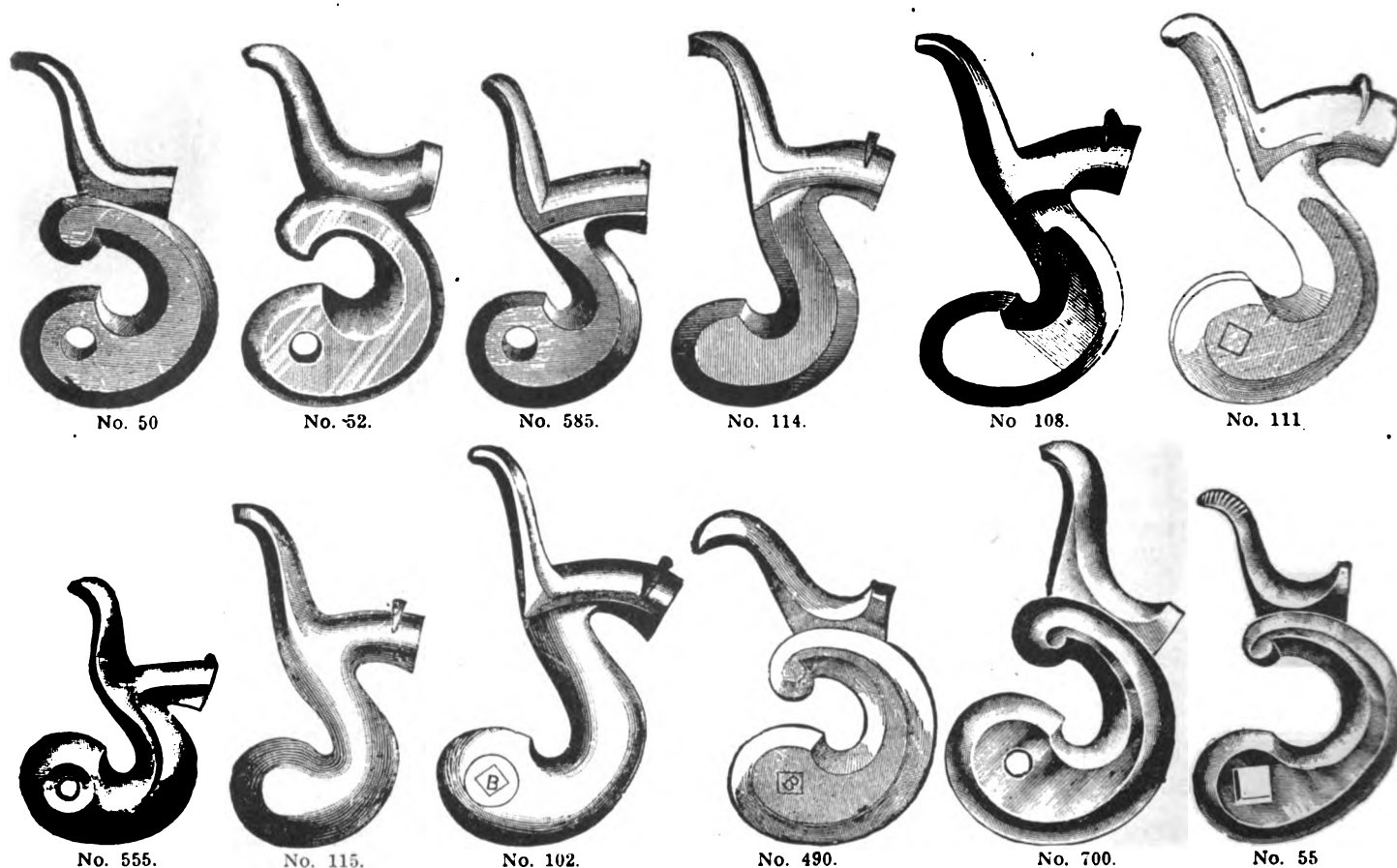
No.	Part	Each	No.	Part	Each	No.	Part	Each
No. 800	Frame	\$4.00	No. 818	Hammer	\$0.40	No. 835	Ejector Lever Spring	\$0.10
No. 801	Firing Pin	.10	No. 819	Hammer Pin	.10	No. 836	Ejector Lever Tripping Stud	.10
No. 802	Firing Pin Spiral Spring	.10	No. 820	Main Spiral Spring	.20	No. 837	Barrel Stop Stud	.10
No. 803	Firing Pin Stop Screw	.10	No. 821	Main Spiral Spring Tension Adjusting Bar	.10	No. 838	Sight	.10
No. 804	Guard	.35	No. 822	Main Spiral Spring Plunger	.30	No. 839	Fore-End Cap and Stem	.50
No. 805	Guard Screw	.10	No. 823	Main Spiral Spring Plunger Pin	.10	No. 840	Fore-End Cap Screw, Each	.10
No. 806	Butt Plate	.30	No. 824	Trigger	.40	No. 841	Fore-End Snap Screw, Each	.10
No. 807	Butt Plate Screw, Each	.10	No. 825	Trigger Pin	.10	No. 842	Fore-End Plunger	.20
No. 808	Back Stock Screw	.30	No. 826	Trigger Spring	.10	No. 843	Fore-End Plunger Spr'g	.10
No. 809	Back Stock Washer	.10	No. 827	Trigger Spring Screw	.10	No. 844	Fore-End Plunger Pin	.10
No. 810	Compensating Locking Bolt	.25	No. 828	Combination Bolt	.15	No. 845	Back Stock, Model 36	1.50
No. 811	Locking Bolt Pin	.25	No. 829	Auto-Ejector Extractor	.25	No. 846	Front Stock, Model 36	.50
No. 812	Locking Bolt Spring	.15	No. 830	Non-Ejector Extractor	.25	No. 847	Back Stock, Model 36, Jr.	1.50
No. 813	Locking Bolt Spring Screw	.10	No. 831	Ejector Stop Pin	.10	No. 848	Back Stock, Model 39	1.50
No. 814	Locking Bolt Connecting Rod	.10	No. 832	Ejector Spiral Spring	.10	No. 849	Back Stock, Model 39 Jr.	1.50
No. 815	Top Snap Lever Yoke	.10	No. 833	Ejector Lever	.20	No. 850	Barrels—12, 16, 20, 24, 28 Gauge; 26, 28, 30, 32, 34 or 36 inch	4.00
No. 816	Top Snap Lever	.20	No. 834	Ejector Lever Pin	.10			
No. 817	Top Lever Yoke Screw	.10						

Note—In ordering, give Number, as well as Name of Part, and for what Fire Arm they are intended, and if you are in doubt as to Number, send in old Part.

*All Parts Listed at 10 Cents are Sold Net.

BELGIAN GUN REPAIRS

BREECH LOADING HAMMERS

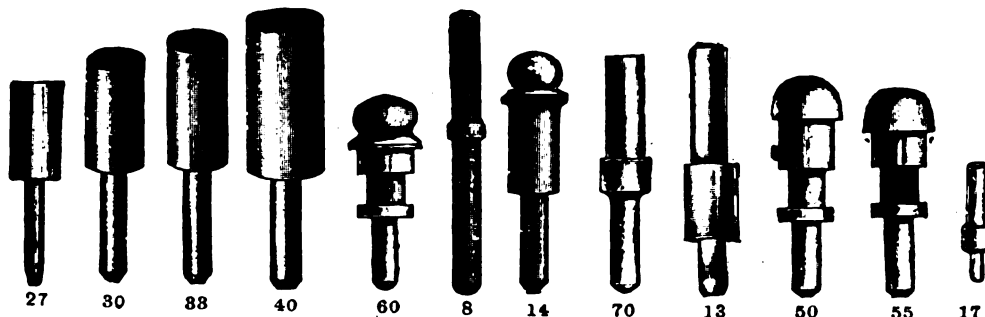


	Per Dozen
No. 50—Beveled, $1\frac{1}{8}$ in., Filed.	\$5.00
No. 52—Beveled, $1\frac{1}{8}$ in., Filed.	5.00
No. 585—Beveled, $1\frac{1}{8}$ in., Filed.	4.00
No. 114—Beveled, $1\frac{1}{8}$ in., Filed.	4.80

	Per Dozen
No. 108—Beveled, $1\frac{1}{8}$ in., Filed.	\$4.80
No. 111—Beveled, $1\frac{1}{8}$ in., Filed.	4.80
No. 555—Round Body, Filed.	8.00
No. 115—Round Body, $1\frac{1}{8}$ inch Filed	4.20

	Per Dozen
No. 102—Round Body, $1\frac{1}{8}$ inch, Filed	\$4.20
No. 490—Concave, $1\frac{1}{8}$ in., Filed.	5.50
No. 700—Concave, $1\frac{1}{8}$ in., Filed.	5.50
No. 55—Victor, Filed	5.50

PLUNGERS



	Per Dozen
No. 27—Solid Head, $\frac{3}{8}$ inch.	\$1.00
No. 30—Solid Head, $\frac{1}{2}$ inch.	1.00
No. 33—Solid Head, $\frac{1}{2}$ inch.	1.00
No. 40—Solid Head, $\frac{3}{4}$ inch.	1.00
No. 60—Doll's Head, Notched.	1.50
No. 8—Nipple Plunger	.40

	Per Dozen
No. 14—Doll's Head, Plain.	\$1.50
No. 70—Nipple, Bushed Center.	.50
No. 13—American Gun	1.50
No. 50—Low Notch	1.50
No. 55—High Notch	1.50
No. 17—Victor	1.50

PLUNGER SEAT SPRINGS



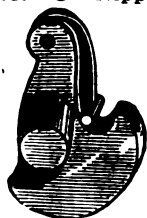
	Per Dozen
No. 10—Taper	\$0.30
No. 9—Straight	.30

PLUNGER SEATS



	Per Dozen
No. 7	\$1.00
No. 75—Bushed	.70
No. 18—Pieper	1.50

TUMBLERS



	Per Dozen
No. 50—Filed, Steel, Forward Action.	\$2.70
No. 60—Filed, Steel, Back Action.	2.70
No. 70—Filed, Steel, Back Action, Re- bounding	5.50
No. 80—Filed, Steel, Rebounding.	5.50

TUMBLER PINS



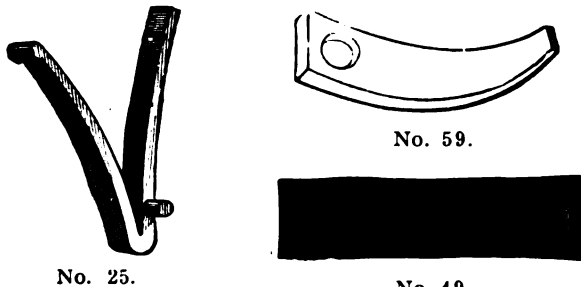
	Per Dozen
No. 20—Assorted, Plain	\$0.20
No. 25—Assorted, Polished	.40

BELGIAN GUN REPAIRS

LEVER SPRINGS



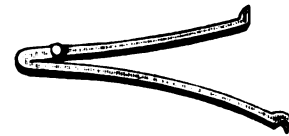
LEVER SPRINGS



No. 25—Top, Belgian \$4.00
 No. 59—Side, Belgian 1.50
 No. 49—Side, Finished Blued 3.50

SIDE LEVERS

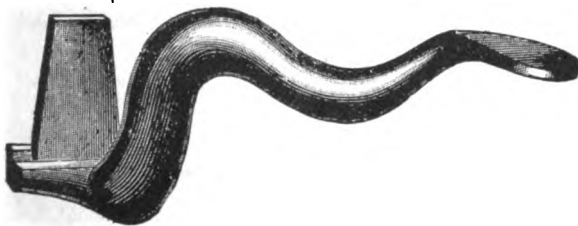
MAIN SPRINGS



No. 93—Filed, Back Action, Belgian.....\$3.50
 No. 92—Filed, Back Action, Belgian, Main and Sear Spring Uncut 3.50
 No. 80—Filed Bar, English..... 4.70
 No. 701—For Guns, with Low Hammer..... 4.70
 No. 85—Filed, Belgian 3.50
 No. 50—Filed Bar Swivel, Belgian, Uncut..... 3.00

SEARS

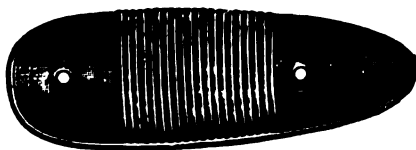
SEAR SPRINGS



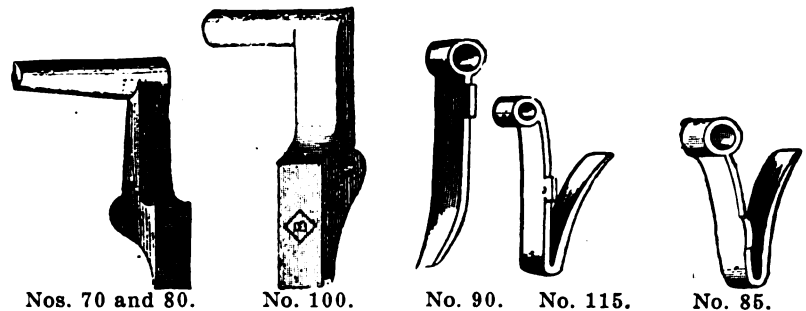
No. 190—Filed, Belgian.....\$6.00
 TOP LEVERS



No. 4—Filed, Belgian.....\$7.50
 BUTT PLATES



No. 43—Hard Rubber, Assorted Sizes.....\$7.00



No. 70—Forged Steel\$0.60
 No. 80—Filed Steel Bar Locks. 1.20
 No. 100—Filed Steel B. A., Rebounding 1.50
 No. 110—Filed Steel Bar, Rebounding 1.50

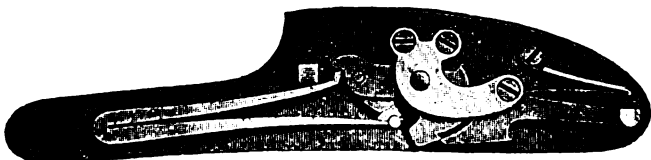
No. 90—Filed, B. A., Single....\$1.00
 No. 115—Filed, B. A., Double... 1.50
 No. 85—Filed, F. A..... 1.20
 No. 105—Filed, B. A., Rebounding 1.80
 No. 120—Filed, Bar, Rebounding 1.80

GUARDS



No. 149—Double Gun Guard to Screw Off, Filed.....\$4.00

GUN LOCKS



No. 235.

Please Note—Always specify in addition to the stock number "The Make", "The Model", "The Caliber" or "The Gauge" of Rifle or Gun for which you want the parts. Repairs for Belgian Guns are always sent in the rough. If you want parts fitted or finished send in your Gun.

We Have a Fully Equipped Gun Repair Shop.

APPROXIMATE NET PRICES FOR GUN REPAIRING

WE HAVE A FULLY EQUIPPED GUN REPAIR SHOP

These prices are approximate. We cannot state the exact amount without seeing the job.

Checking, engraving and fancy work adds largely to the expense. As a rule the cost of repairs will be in proportion to the cost of the gun.

	Each		Each
Barrels—		Soldering Loops	\$0.75
Taking Dents out of Barrel.....	\$1.00 to \$4.00	Springs—	
Taking Barrels Apart and Resoldering..	6.00 to 10.00	Main	1.00 to 3.00
Tightening Barrels on Action.....	1.00 to 3.00	Lever .....	.50 to 2.00
Cutting Off Barrels.....	1.00 to 2.00	Sear .....	.50 to 1.00
Choke Boring Single Barrel Gun.....	2.00	Stocks—	
Choke Boring Double Barrel Gun.....	3.00	Bending Stocks	4.00 to 7.00
Browning Barrels	2.00 to 3.00	Cutting Off Stocks.....	1.00 to 2.00
Butt Plates, Rubber	1.00 to 3.00	*Making New Stocks for Guns, Hand Made.	10.00 to 25.00
Extractors	2.50 to 5.00	Swivels .....	.50
Fore-Ends, Hand Made, Complete	4.00 to 8.00	Triggers—Per Pair	1.00 to 3.00
Hammers—		Trigger Guards	1.00 to 3.00
Making Match Hammers, Plain, Flat....	1.00	Trigger Plates	1.50 to 6.00
Making Match Hammers, Round Body,		Tumblers	1.00 to 3.00
According to Finish, Engraving, etc	2.00 to 6.00	Tumbler Pins .....	.20 to .50
Levers—Top or Side	1.50 to 6.00		
Plungers .....	.30 to 1.00		
Sears .....	.50 to 1.50		

Note—When Sending Gun to have Stock Attached, Always Send the Complete Gun.

*The Price for a Plain Stock is \$10.00, Fancy and better Stocks will be made according to Material and time required, ranging in price up to \$25.00.

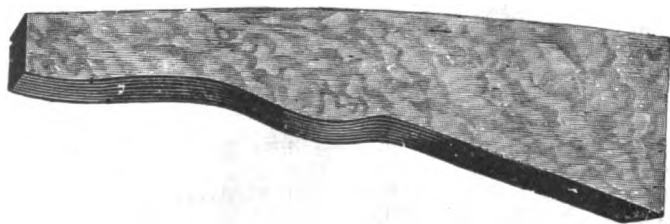
Gun Stocks are Hand Carved out of a block of Walnut to fit the Mechanism of the Gun Lock, these are made by our Expert Gunsmith and as it is very accurate work it requires from two to three days to complete the order.

If you will send complete description of the parts you want, giving make of Arm, Model and Gauge or Caliber, as the case may be, we can promise prompt shipment.

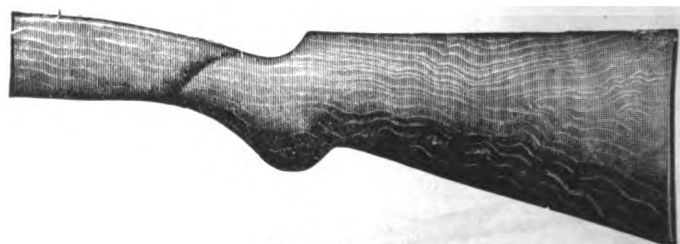
In any case where there is doubt as to the part wanted or the make and model of the gun for which the part is intended, we ask you to send us a sample or at least an outlined drawing.

This will in all instances assure promptness and exactness in the filling of your order.

GUN STOCKS



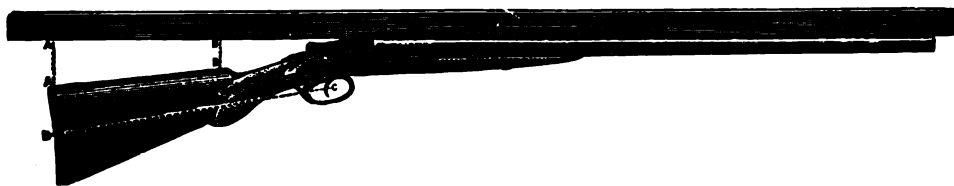
Nos. 2 to 4, Block Form.



No. 5, Turned.

	Each
No. 2—Plain American Walnut, in Block Form.....	\$1.00
No. 3—Good American Walnut, in Block Form.....	1.50
No. 4—Good Quality English Walnut, in Block Form.....	2.00
No. 5—Good Quality English Walnut, Turned	2.50

GUN DIMENSIONS



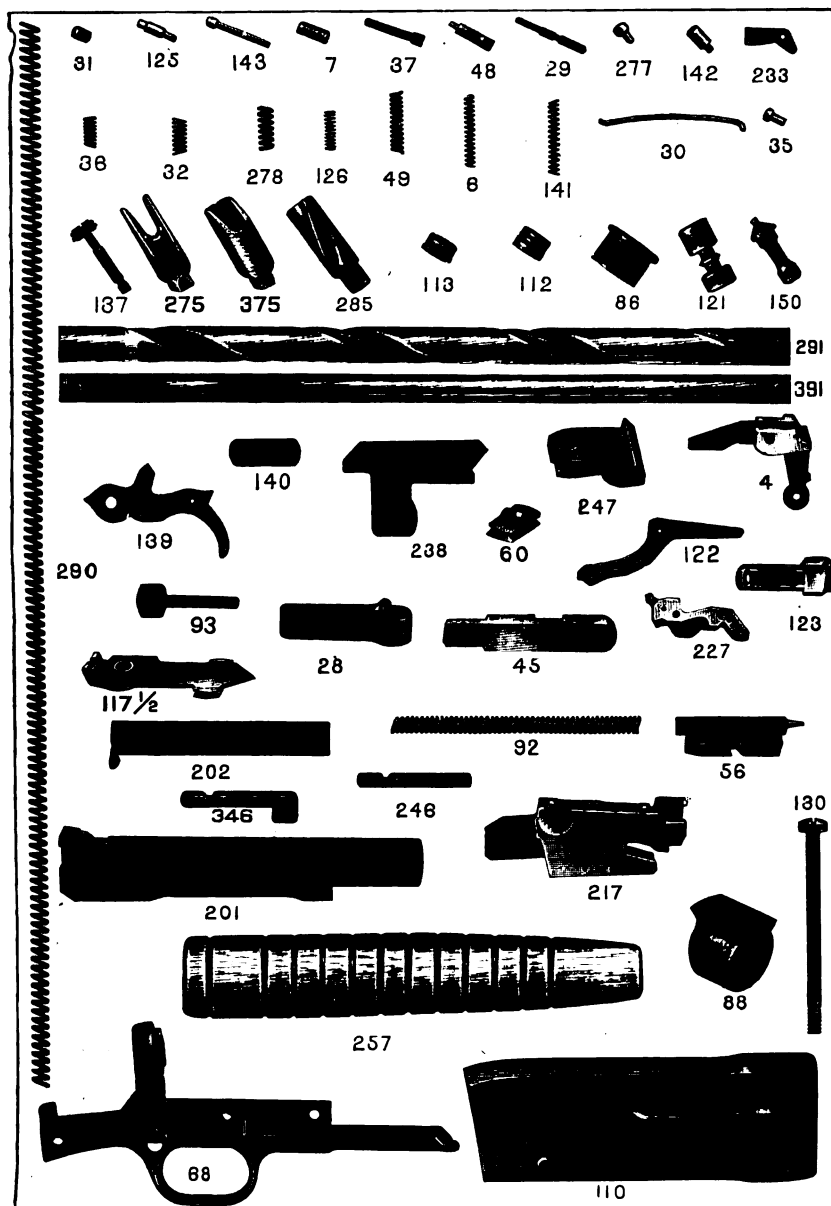
Stock Dimensions—Lay a "straight edge" on the rib of gun from muzzle to end of butt, then give distance from B to B, and A to A. This comb and heel drop will insure the exact bend suitable to the needs of the sportsman. The length required must be taken from the center of the front trigger (C) to the center of butt plate (D), or from C to D. The size of the grip can be given by using a tape measure. The usual grip is four and one-half inches in circumference.

The Drop—We always furnish the comb drop in good proportion if the heel drop only is ordered. One and three-fourths inches for comb calls for a heel drop two and three-fourths to three inches; one and one-half inches comb drop calls for two and one-half inches heel drop.

COMPONENT RIFLE PARTS

REMINGTON-U. M. C. REPEATING, HIGH POWER, MODELS 14 AND 14½

Nos. 1425, 1430, 1432, 1435, 1425RC, 1430RC, 1432RC, 1435RC, 1438½ A, 1444½ A, 1438RC, and 1444RC.



No.	Part Name	Each
No. C201	Action Bar	\$4.00
No. C202	Action Bar Cover	.25
No. C 3	Action Bar Cover Screw	.10
No. C 4	Action Bar Lock	.50
No. C 5	Action Bar Lock Pin	.10
No. C 6	Action Bar Lock Spring	.10
No. C 7	Action Bar Lock Spring Case	.10
No. C208	Ammunition Indicator	.15
No. C311A	Barrel, Grade A	7.50
No. C311C	Barrel, Grade C	7.50
No. C311D	Barrel, Grade D	10.00
No. C311F	Barrel, Grade F	15.00
No. C217	Breech Block	3.00
No. C218	Shotgun Butt Plate, Rubber or Steel	1.00
No. C 19	Butt Plate Screws	.10
No. C227	Carrier	.75
No. C 28	Carrier Dog	.25
No. C 29	Carrier Dog Pin	.10
No. C 30	Carrier Dog Spring	.10
No. C 31	Carrier Friction Plunger	.10
No. C 32	Carrier Friction Spring	.10
No. C233	Carrier Lever	.15
No. C 34	Carrier Lever Pin	.10
No. C 35	Carrier Lever Plunger	.10
No. C 36	Carrier Lever Spring	.10
No. C 37	Carrier Pin	.10
No. C238	Cartridge Stop	.35
No. C 45	Ejector	.60
No. C246	Ejector Rod (No. 14)	.15
No. C346	Ejector Rod (No. 14½)	.15
No. C247	Extractor	.40
No. C 48	Extractor Plunger	.10
No. C 49	Extractor Spring	.10
No. C 56	Firing Pin	1.00
No. C257A	Fore-End, Grade A	.75
No. C257C	Fore-End, Grade C	2.50
No. C257D	Fore-End, Grade D	3.00
No. C257F	Fore-End, Grade F	7.00
No. C 58	Fore-End Escutcheon	.10
No. C 59	Fore-End Screws (2) Each	.10
No. C 68A	Guard, Grade A	3.00
No. C 68C	Guard, Grade C	3.00
No. C 68D	Guard, Grade D	4.00
No. C 68F	Guard, Grade F	7.00
No. C275	Loading Door (No. 14)	1.00
No. C375	Loading Door (No. 14½)	1.00

No.	Part Name	Each
No. C 76	Loading Door Pin	\$0.10
No. C277	Loading Door Plunger	.10
No. C278	Loading Door Spring	.10
No. C285	Magazine Follower	.25
No. C 86	Magazine Plug	.15
No. C 87	Magazine Plug Screw	.10
No. C 88	Magazine Ring	.30
No. C 89	Magazine Screw	.10
No. C290	Magazine Spring	.15
No. C291	Magaz. Tube (No. 14)	2.00
No. C391	Mag. Tube (No. 14½)	2.00
No. C 92	Main Spring	.10
No. C 93	Main Spring Plug	.10
No. C110A	Receiver, Grade R	10.00
No. C110C	Receiver, Grade C	10.00

No.	Part Name	Each
No. C110D	Receiver, Grade D	\$20.00
No. C110F	Receiver, Grade F	60.00
No. C112	Receiver Bush., Plain	.10
No. C113	Receiver Bush., Thrd.	.10
No. C121	Safety	.20
No. C122	Sear	.20
No. C123	Sear Lock	.25
No. C124	Sear Lock Pin	.10
No. C125	Sear Lock Plunger	.10
No. C126	Sear Lock Spring	.10
No. C127	Sear Pin	.10
No. C128A	Stock, Grade A	3.00
No. C128C	Stock, Grade C	6.00
No. C128D	Stock, Grade D	15.00
No. C128F	Stock, Grade F	25.00

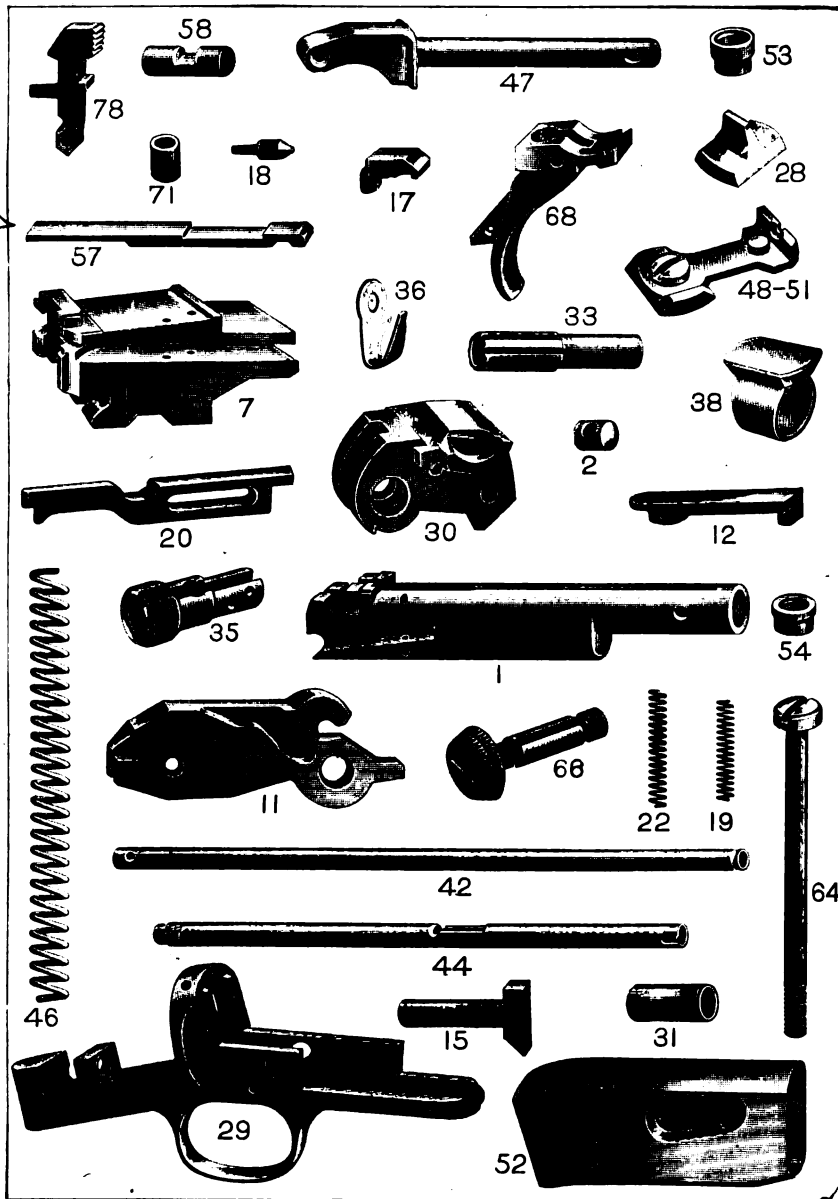
No.	Part Name	Each
No. C130	Stock Bolt	\$0.25
No. C137	Take-Down Screw	.20
No. C139	Trigger	.60
No. C140	Trigger Bushing	.10
No. C141	Trigger Spring	.10
No. C142	Trigger Spring Cap	.10
No. C143	Trigger Spring Rod	.10
No. C150	Unlocking Plunger	.10
No. C117½	Sight	2.00
No. C117	Rear Sight Base	1.50
No. C109	Rear Sight Screw	.10
No. C106	Rear Sight Spring	.10
No. C105	Rear Sight Nut	.25
No. C102	Rear Sight Bushing	.15
No. C 60	Front Sight	.40

Note—In ordering, give Number as well as Name of Part and for what Fire Arm they are intended.

*All Parts Listed at 10 Cents are Sold Net.

COMPONENT RIFLE PARTS

REMINGTON-U. M. C. REPEATING, MODEL 12, Nos. 1, 2, 3 and 4



No.	Part Name	Each
No. W1	—Action Bar	\$1.50
No. W2	—Action Bar Plunger .....	.15
No. W3	—Action Bar Plunger Pin.....	.10
No. W4	—Action Bar Spring .....	.10
No. W5	—Barrel, Grade 12A.....	4.00
No. W7	—Breech Block	2.00
No. W7½	—Breech Block, Complete	3.00
No. W8	—Butt Plate, Grade 12A.....	.50
No. W10	—Butt Plate Screws .....	.10
No. W11	—Carrier	1.00
No. W12	—Carrier Dog .....	.40
No. W13	—Carrier Dog Pin .....	.10
No. W14	—Carrier Dog Spring .....	.10
No. W15	—Cartridge Stop .....	.20
No. W16	—Ejector Pin .....	.10
No. W17	—Extractor .....	.35
No. W18	—Extractor Plunger .....	.10
No. W19	—Extractor Spring .....	.10
No. W20	—Firing Pin .....	.50
No. W21	—Firing Pin Pin .....	.10
No. W22	—Firing Pin Spring .....	.10
No. W23	—Firing Pin Spring Guide.....	.10
No. W24	—Fore-End, Grade 12A.....	.60
No. W26	—Fore-End Escutcheons (2)....	.10
No. W27	—Fore-End Screws (2).....	.10
No. W28	—Front Sight .....	.25
No. W29	—Guard	2.50
No. W30	—Hammer .....	.75
No. W31	—Hammer Bushing .....	.10
No. W32	—Hammer Pin .....	.10
No. W33	—Magazine Follower .....	.10
No. W34	—Magazine Pin .....	.10
No. W35	—Magazine Plug .....	.30
No. W36	—Ejector Spring .....	.10
No. W37	—Ejector Spring Screw .....	.10
No. W38	—Magazine Ring .....	.40
No. W39	—Magazine Screw .....	.10
No. W40	—Magazine Spring, Grade 12A..	.15
No. W42	—Magazine Tube, Inner, Grade 12A .....	.70
No. W42½	—Magazine Tube, Inner, Complete, Grade 12A.....	1.80

No.	Part Name	Each
No. W44	—Magazine Tube, Outer, Grade 12A	\$1.00
No. W46	—Main Spring .....	.10
No. W47	—Main Spring Rod.....	.30
No. W48	—Rear Sight .....	.25
No. W49	—Rear Sight Base.....	.25
No. W50	—Rear Sight Elevating Screw .....	.10
No. W51	—Rear Sight Screw....	.10
Nos. W48-W51	—Rear Sight, Complete .....	.70

No.	Part Name	Each
No. W52	—Receiver	\$5.00
No. W53	—Receiver Bush'g, Plain .....	.10
No. W54	—Receiver Bushing, Threaded .....	.10
No. W56	—Receiver Bushing Stud .....	.10
No. W57	—Retainer .....	.15
No. W58	—Safety .....	.15
No. W59	—Safety Plunger .....	.10
No. W60	—Safety Plunger Pin....	.10
No. W61	—Safety Spring .....	.10

No.	Part Name	Each
No. W62	—Stock, Includes Bolt and Washer	\$2.00
No. W66	—Take-Down Screw ...	.20
No. W68	—Trigger .....	.50
No. W70	—Trigger Spring .....	.10
No. W71	—Trigger Spring Case .....	.10
Nos. W72-W73	—Wiping Rod.....	.25
No. W75	—Plug Screw (2).....	.10
No. W78	—Magazine Lever .....	.30
No. W79	—Magazine Lever Spring .....	.10
No. W80	—Magazine Lever Pin..	.10

ADDITIONAL PARTS FOR Nos. 2, 3 and 4

No.	Part Name	Each
No. W6	—Barrel, Octagon	\$6.00
No. W9	—Butt Plate	1.00

No.	Part Name	Each
No. W25	—Fore-End	\$0.60
No. W41	—Magazine Spring ....	.15

No.	Part Name	Each
No. W43	—Magazine Tube, Inner	\$0.75
No. W45	—Magazine Tube, Outer	1.10

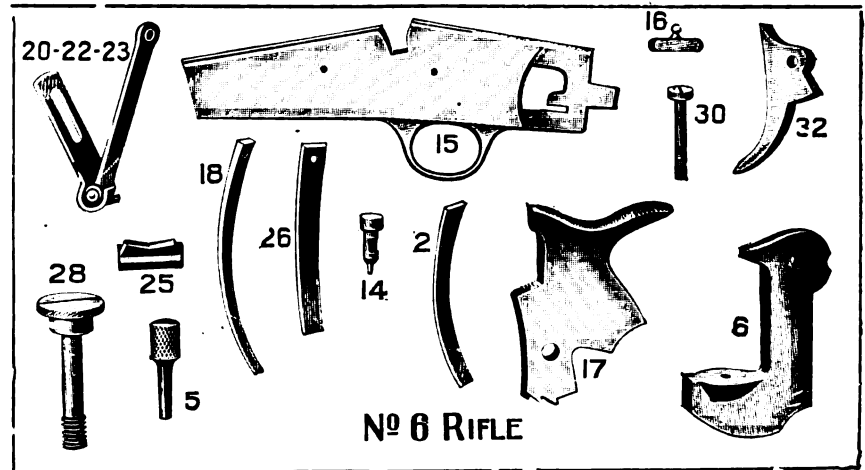
Note—In ordering, give Number, as well as Name of Part, and for what Fire Arm they are Intended.

*All Parts Listed at 10 Cents are Sold Net.

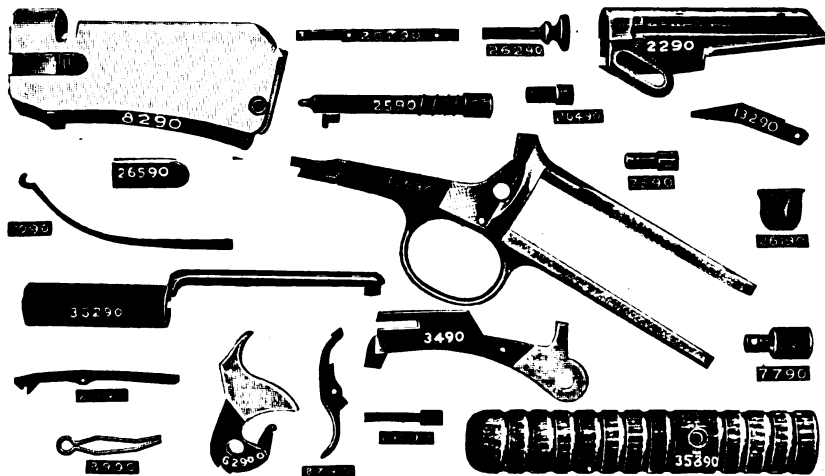
COMPONENT RIFLE PARTS

REMINGTON SINGLE SHOT, Nos. 622, 622-S and 632

No. S1—Barrel, no Sights.....	\$2 00
No. S2—Block Spring.....	.20
No. S3—Block Spring Screw.....	.10
No. S4—Block Stop Pin.....	.10
No. S5—Block Thumb Piece.....	.15
No. S6—Breech Block.....	.50
No. S7—Breech Block Pin.....	.10
No. S8—Butt Plate.....	.35
No. S9—Butt Plate Screws (2), each.....	.10
No. S10—Butt Stock.....	1.00
No. S11—Butt Stock Washer.....	.10
No. S12—Extractor.....	.20
No. S13—Extractor Stop Pin.....	.10
No. S14—Firing Pin.....	.15
No. S15—Frame, Complete with Guard, etc.....	1.00
No. S16—Front Sight.....	.20
No. S17—Hammer.....	.35
No. S18—Mainspring.....	.30
No. S19—Mainspring Screw.....	.10
No. S20—Peep Sight Base.....	.20
No. S21—Peep Sight Base Screw.....	.10
No. S22—Peep Sight Leaf.....	.25
No. S23—Peep Sight Leaf Pin.....	.10
No. S24—Pins (5), each.....	.10
No. S25—Rear Sight.....	.25
No. S26—Rear Spring.....	.20
No. S27—Stock Bolt.....	.15
No. S28—Thumb Screw.....	.20
No. S29—Tip Escutcheon.....	.10
No. S30—Tip Screw.....	.10
No. S31—Tip Stock and Escutcheon.....	.50
No. S32—Trigger.....	.30
No. S33—Wiping Rod.....	.15



WINCHESTER REPEATING, MODEL 1890, Nos. 312, 313 and 314.



No. 35290—Action Slide.....	Each	\$0.80
No. 35390—Action Slide Handle.....	Each	.40
No. 35490—Action Slide Handle Escutcheons (2), ea.....	Each	.10
No. 36590—Action Slide Handle Complete.....	Each	.50
No. 35590—Action Slide Handle Screws (2), each.....	Each	.10
No. 190—Barrel, Octagon, 24 inch.....	Each	7.00
No. 3090—Butt Stock.....	Each	1.80
No. 3190—Butt Plate.....	Each	.80
No. 3290—Butt Plate Screws (2), each.....	Each	.10
No. 2990—Butt Stock Complete.....	Each	2.70
No. 2290—Breech Bolt.....	Each	1.70
No. 2390—Extractor.....	Each	.25
No. 2490—Extractor Pin.....	Each	.10
No. 2590—Firing Pin and Spring.....	Each	.50
No. 10590—Firing Pin Spring.....	Each	.10
No. 25790—Firing Pin Stop.....	Each	.10
No. 25890—Firing Pin Stop Screws (2), each.....	Each	.10
No. 2190—Breech Bolt Complete.....	Each	2.70
No. 6390—Hammer.....	Each	.60
No. 6490—Hammer Stirrup.....	Each	.10
No. 6590—Hammer Stirrup Pin.....	Each	.10
No. 6290—Hammer Complete.....	Each	.75
No. 3490—Carrier.....	Each	.80
No. 13290—Carrier Lever.....	Each	.10
No. 13590—Carrier Lever Pin.....	Each	.10
No. 13390—Carrier Lever Spring.....	Each	.10
No. 13490—Carrier Lever Spring Screw.....	Each	.10
No. 25990—Trigger Stop Pin.....	Each	.10
No. 3390—Carrier Complete.....	Each	1.10

No. 19890—Magazine Tube, Outside.....	Each	\$1.25
No. 19990—Magazine Tube, Inside.....	Each	.95
No. 7790—Magazine Plug.....	Each	.10
No. 19790—Magazine Plug Pin.....	Each	.10
No. 7690—Magazine Spring.....	Each	.10
No. 7590—Magazine Follower.....	Each	.10
No. 20090—Mag. Tube, Inside Compl.....	Each	1.30
No. 19690—Magazine Friction Spring.....	Each	.10
No. 26090—Magazine Ring, Front.....	Each	.30
No. 26190—Magazine Ring, Rear.....	Each	.30

No. 8090—Magazine Ring Pin.....	Each	\$0.10
No. 7090—Main Spring.....	Each	.30
No. 7190—Main Spring Screw.....	Each	.10
No. 7290—Main Spring Strain Screw.....	Each	.10
No. 8290—Receiver.....	Each	4.50
No. 13690—Guard.....	Each	2.50
No. 26290—Assembling Screw.....	Each	.15
No. 26390—Ass. Screw Stop Pin.....	Each	.10
No. 26490—Ass. Screw Bushing.....	Each	.10

No. 26590—Slide Cover.....	Each	\$0.15
No. 26690—Slide Cover Stop Screw.....	Each	.10
No. 8190—Receiver Complete.....	Each	7.50
No. 8790—Trigger.....	Each	.30
No. 8890—Trigger Pin.....	Each	.10
No. 8990—Trigger Spring.....	Each	.10
No. 9090—Trigger Spring Screw.....	Each	.10
No. 9190—Upper Tang Screw.....	Each	.10
No. 20590—Wiping Rod.....	Each	.15

WINCHESTER REPEATING, MODEL 1906

No. 35306—Action Slide Handle.....	Each	\$0.35
No. 35406—Action Slide Handle Es- cutcheons (2) each.....	Each	.10
No. 36506—Action Slide Handle Comp.....	Each	.45
No. 106—Barrel.....	Each	5.00
No. 3006—Butt Stock.....	Each	1.25

No. 3106—Butt Plate.....	Each	\$0.20
No. 3206—Butt Plate Screws (2), each.....	Each	.10
No. 2906—Butt Stock Complete.....	Each	1.55
No. 3406—Carrier.....	Each	.90
No. 4306—Cartridge Stop.....	Each	.10
No. 24606—Cartridge Stop Pin.....	Each	.10

No. 13206—Carrier Lever.....	Each	\$0.10
No. 13506—Carrier Lever Pin.....	Each	.10
No. 13306—Carrier Lever Spring.....	Each	.10
No. 13406—Carrier Lever Spring Screw.....	Each	.10
No. 25906—Trigger Stop Pin.....	Each	.10
No. 3306—Carrier Complete.....	Each	1.30

Note—The other parts for this rifle are the same as for the Model 1890.

*All Parts listed at 10 cents are sold Net.

COMPONENT RIFLE PARTS

WINCHESTER REPEATING, MODEL 1894

Nos. 321, 403, 322, 261, 319, 400, 225, 325, 322P, 320P, 323TD, 326 and 426.



	Each
No. 194—Barrel, Round	6.50
No. 294—Barrel, Round, Extra Light	7.00
No. 394—Barrel, Round, Nickel Steel	10.00
No. 494—Barrel, Round, Nickel Steel, Extra Light	12.00
No. 594—Barrel, Octagon	8.00
No. 694—Barrel, Octagon, Extra Light	8.50
No. 794—Barrel, Octagon, Nickel Steel	11.50
No. 894—Barrel, Octagon, Nickel Steel, Extra Light	13.50
No. 994—Barrel, Half Octagon	8.50
No. 1094—Barrel, Half Octagon, Extra Light	9.00
No. 1194—Barrel, Half Octagon, Nickel Steel	12.00
No. 1394—Barrel, Carbine	5.50
No. 1394A—Barrel, Carbine	5.50
No. 1494—Barrel, Carbine, Nickel Steel	10.00
No. 2294—Breech Bolt	1.75
No. 2394—Extractor .....	.25
No. 2494—Extractor Pin .....	.10
No. 2594—Firing Pin .....	.50
No. 2694—Firing Pin Stop Pin .....	.10
No. 2194—Breech Bolt Complete	2.60
No. 3004—Butt Stock	1.80
No. 3194—Butt Plate .....	.80
No. 3294—Butt Plate Screws (2), each .....	.10
No. 2994—Butt Stock Complete	2.70
No. 3494—Carrier .....	.75
No. 3594—Carrier Screws (2), each .....	.10
No. 12394—Carrier Spring .....	.25
No. 12494—Carrier Spring Screw .....	.10
No. 3994—Cartridge Guide, Right Hand .....	.30
No. 4294—Cartridge Guide, Left Hand .....	.30
No. 4894—Cartridge Guide Screws (2), each .....	.10
No. 4894—Ejector .....	.30
No. 5094—Ejector Spring .....	.10
No. 26794—Ejector Stop Pin .....	.10
No. 4794—Ejector Complete .....	.40
No. 5294—Finger Lever	1.65
No. 5694—Finger Lever Pin .....	.10
No. 5794—Finger Lever Pin Stop Screw .....	.10
No. 26894—Finger Lever Link Screw .....	.10
No. 5894—Forearm .....	.60
No. 5994—Forearm Tip .....	.85
No. 6094—Forearm Tip Screws (2), each .....	.10
No. 6194—Forearm Tip Tenon .....	.15
No. 9494—Front Band, Carbine .....	.40
No. 9594—Front Band Screw, Carbine .....	.10
No. 6494—Hammer Stirrup .....	.10
No. 6594—Hammer Stirrup Pin .....	.10
No. 6294—Hammer Complete .....	.75

	Each
No. 13094—Link	\$1.00
No. 5394—Friction Stud .....	.10
No. 5494—Friction Stud Spring .....	.10
No. 5594—Friction Stud Stop Pin .....	.10
No. 12994—Link Complete	1.20
No. 21294—Link Pin .....	.10
No. 21394—Link Pin Stop Screw .....	.10
No. 12894—Locking Bolt .....	.50
No. 12894—Firing Pin Striker .....	.10
No. 12794—Firing Pin Striker Stop Pin .....	.10
No. 12594—Locking Bolt Complete .....	.60
No. 7094—Main Spring .....	.30
No. 7194—Main Spring Screw .....	.10

	Each
No. 7294—Main Spring Strain Screw	\$0.10
No. 7494—Magazine Tube	1.80
No. 7594—Magazine Follower .....	.10
No. 7694—Magazine Spring .....	.10
No. 7794—Magazine Plug .....	.10
No. 7894—Magazine Plug Screw .....	.10
No. 7994—Magazine Ring .....	.30
No. 8094—Magazine Ring Pin .....	.10
No. 7394—Magazine Complete	2.45
No. 51194—Peep Sight Plug Screw .....	.10
No. 8294—Receiver with Lower Tang	7.95
No. 8394—Lower Tang	1.45
No. 8494—Hammer Screw .....	.10
No. 8194—Receiver Complete	8.00

	Each
No. 9294—Rear Band, Carbine	\$0.35
No. 9394—Rear Band Screw, Carbine .....	.10
No. 8594—Spring Cover .....	.35
No. 8694—Spring Cover Screw .....	.10
No. 11694—Sear .....	.20
No. 11794—Sear Pin .....	.10
No. 44294—Sear and Safety Catch Spring .....	.10
No. 44694—Sear and Safety Catch Spring Screw .....	.10
No. 12094—Safety Catch .....	.15
No. 12294—Safety Catch Pin .....	.10
No. 8794—Trigger .....	.20
No. 9194—Upper Tang Screw .....	.10

COMPONENT PARTS, MODEL 1894, "TAKE DOWN"

	Each
No. 39494—Extension Adjusting Screw	\$0.10
No. 39594—Magazine Tube	1.80
No. 39694—Magazine Lever .....	.60

	Each
No. 39794—Magazine Lever Screw	\$0.10
No. 39894—Magazine Lever Plunger .....	.10
No. 39994—Magazine Lever Spring .....	.10

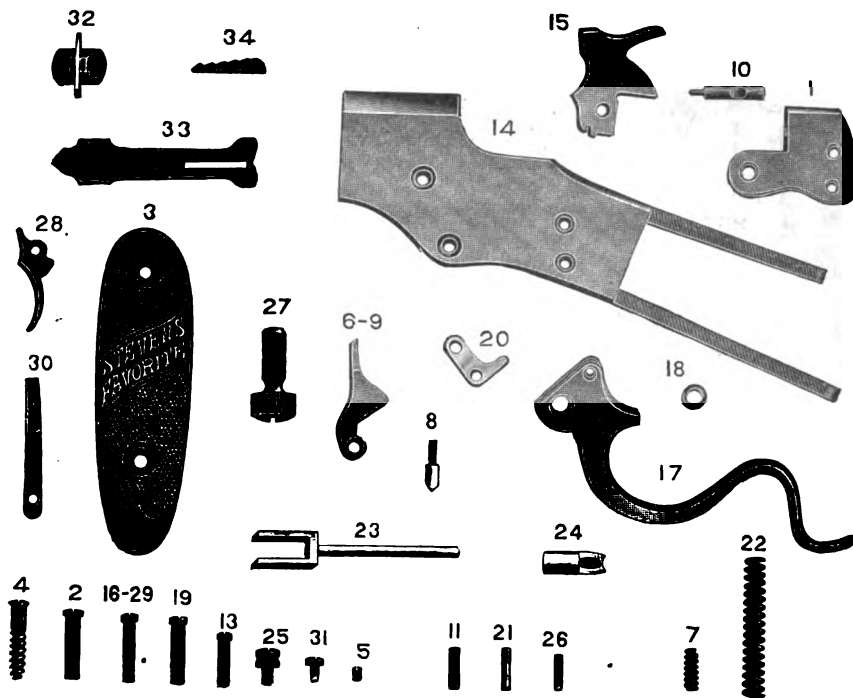
	Each
No. 40094—Magazine Plug	\$0.30
No. 40194—Magazine Plug Screw .....	.10
No. 40294—Magazine Follower Stop Ring .....	.10

Note—When ordering parts, always give their name and number, also caliber of rifle for which they are wanted. If possible also give number of the rifle.

*All Parts listed at 10 cents are sold Net.

COMPONENT RIFLE PARTS

STEVENS' FAVORITE, Nos. 127, 1722, 1725 and 1732

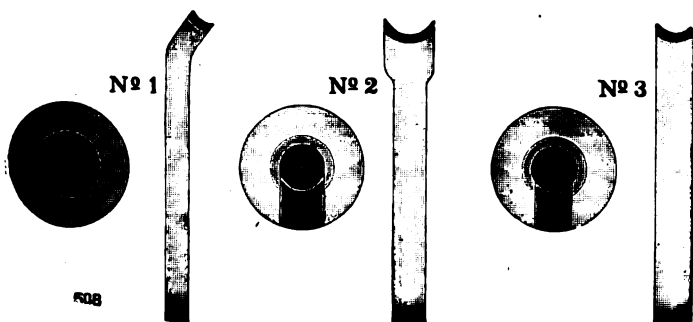


Each		Each		Each	
Barrel with Sights:		9 Extractor	.50	23 Mainspring Plunger (Com- plete)	.15
For No. 27	\$4.00	10 Firing Pin	.30	24 Mainspring Plunger Seat	.10
For No. 17	3.50	11 Firing Pin Pin	.10	25 Mainspring Plunger Screw	.10
Barrel without Sights:		Fore-End (Complete) for Nos. 17 and 27	.40	26 Mainspring Plunger Pin	.10
For No. 27	3.00	13 Fore-End Screw	.10	Stock with Butt Plate, for Nos. 17 and 27	1.75
For No. 17	2.50	14 Frame	1.50	27 Take Down Screw	.25
For 26 inch Barrels, Extra	2.00	15 Hammer	.60	28 Trigger	.35
1 Breech Block	.50	16 Hammer Screw	.10	29 Trigger Screw	.10
2 Breech Block Screw	.10	17 Lever	.50	30 Trigger Spring	.15
3 Butt Plate, Rubber	.50	18 Lever Bushing	.10	31 Trigger Spring Screw	.10
Butt Plate for No. 21	2.75	19 Lever Screw	.10	32 Front Sight, Rocky Mountain	.50
4 Butt Plate Screw	.10	20 Link	.20	33 Rear Sight, Sporting (Com- plete)	.75
5 Dummy Screw	.10	21 Link Pin	.10	34 Rear Sight Step Only	.20
6 Ejector	.50	22 Mainspring	.10		
7 Ejector Spring	.10				
8 Ejector Spring Plunger	.15				

Note—When Ordering, Give Caliber and Number of Rifle for which Part is Required.

All Parts Listed at 10 Cents are Sold Net.

"FAVORITE" RIFLE BARRELS



In ordering new barrels for "Favorite" Rifles, it will be necessary to specify what style extractor is wanted. The illustrations feature the different extractors we have used on our "Favorite" Rifles.

Cut No. 1 shows the first extractor we used on this Rifle and this is called a SIDE EXTRACTOR.

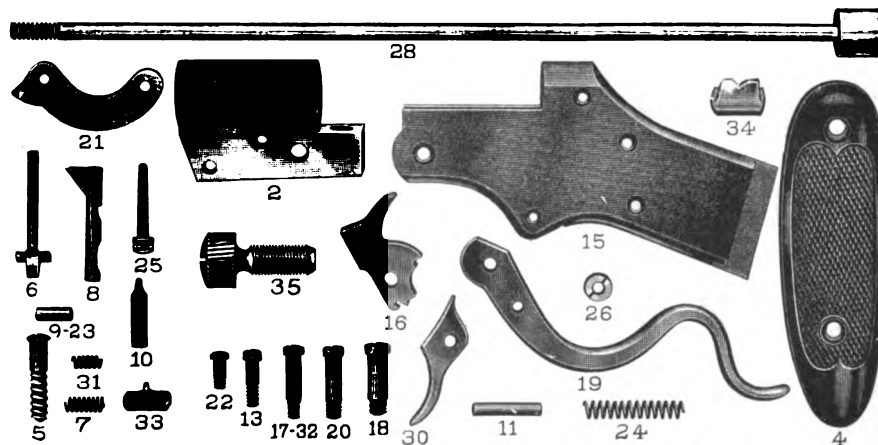
Cut No. 2 shows what is called a CENTRAL EXTRACTOR.

Cut No. 3 shows the extractor as we are now making it.

In ordering Extractor or Barrels, be sure to state whether No. 1, No. 2 or No. 3 is desired.

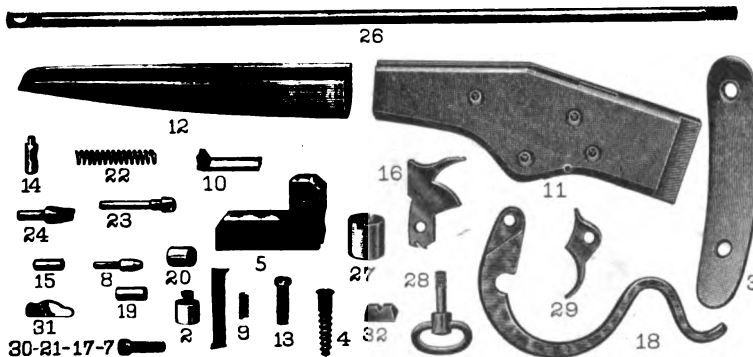
COMPONENT RIFLE PARTS

STEVENS MARKSMAN, No. 1222



No. 1—Barrel Only	Each \$1.50	No. 12—Fore-End	Each \$0.50	No. 24—Main Spring	Each \$0.10
No. 2—Barrel with Sights	2.00	No. 13—Fore-End Screw	.10	No. 25—Main Spring Plunger	.10
No. 3—Barrel Sleeve	.75	No. 14—Fore-End Escutcheon	.10	No. 26—Main Spring Plunger Screw	.10
No. 4—Butt Plate	.50	No. 15—Frame	1.50	No. 27—Stock with Butt Plate	1.70
No. 5—Butt Plate Screw	.10	No. 16—Hammer	.60	No. 28—Stock Bolt	.15
No. 6—Cocking Plunger	.30	No. 17—Hammer Screw	.10	No. 29—Stock Bolt Nut	.10
No. 7—Cocking Plunger Spring	.10	No. 18—Joint Screw	.10	No. 30—Trigger	.25
No. 8—Extractor	.25	No. 19—Lever	.50	No. 31—Trigger Spring	.10
No. 9—Extractor Pin	.10	No. 20—Lever Screw	.10	No. 32—Trigger Screw	.10
No. 10—Firing Pin	.20	No. 21—Link	.20	No. 33—Front Sight	.25
No. 11—Firing Pin Pin	.10	No. 22—Link Screw	.10	No. 34—Rear Sight	.25
		No. 23—Link Pin	.10	No. 35—Take Down Screw	.25

STEVENS CRACK SHOT, NEW MODEL 26



No. 1—Barrel with Sights	Each \$1.50	No. 10—Extractor	.22	No. 10a—Extractor	.32	No. 20—Lever Pin Roll	.10
No. 2—Barrel Screw	.10	No. 11—Frame	1.25	No. 11—Frame	1.25	No. 21—Lever Pin Roll Screw	.10
No. 3—Butt Plate	.25	No. 12—Fore-End	.35	No. 12—Fore-End	.35	No. 22—Main Spring	.10
No. 4—Butt Plate Screw	.10	No. 13—Fore-End Screw	.10	No. 13—Fore-End Screw	.10	No. 23—Mainspring Plunger	.10
No. 5—Breech Block	.40	No. 14—Firing Pin	.10	No. 14—Firing Pin	.10		
No. 6—Breech Block	.40	No. 15—Firing Pin Pin	.10	No. 15—Firing Pin Pin	.10		
No. 7—Breech Block Screw	.10	No. 16—Hammer	.30	No. 16—Hammer	.30		
No. 8—Breech Block Plunger	.10	No. 17—Hammer Screw	.10	No. 17—Hammer Screw	.10		
No. 9—Breech Block Plunger Spring	.10	No. 18—Lever	.40	No. 18—Lever	.40		
No. 10—Extractor	.22					No. 24—Mainspring Plunger Sleeve	Each \$0.10
No. 10a—Extractor	.32					No. 25—Stock with Butt Plate	1.45
No. 11—Frame	1.25					No. 26—Stock Bolt	.15
No. 12—Fore-End	.35					No. 27—Stock Bolt Nut	.10
No. 13—Fore-End Screw	.10					No. 28—Take-down Screw	.25
No. 14—Firing Pin	.10						
No. 15—Firing Pin Pin	.10					No. 29—Trigger	Each \$0.25
No. 16—Hammer	.30					No. 29a—Trigger Spring	.15
No. 17—Hammer Screw	.10					No. 30—Trigger Screw	.10
No. 18—Lever	.40					No. 31—Sight, Front	.15
						No. 32—Sight, Rear	.25

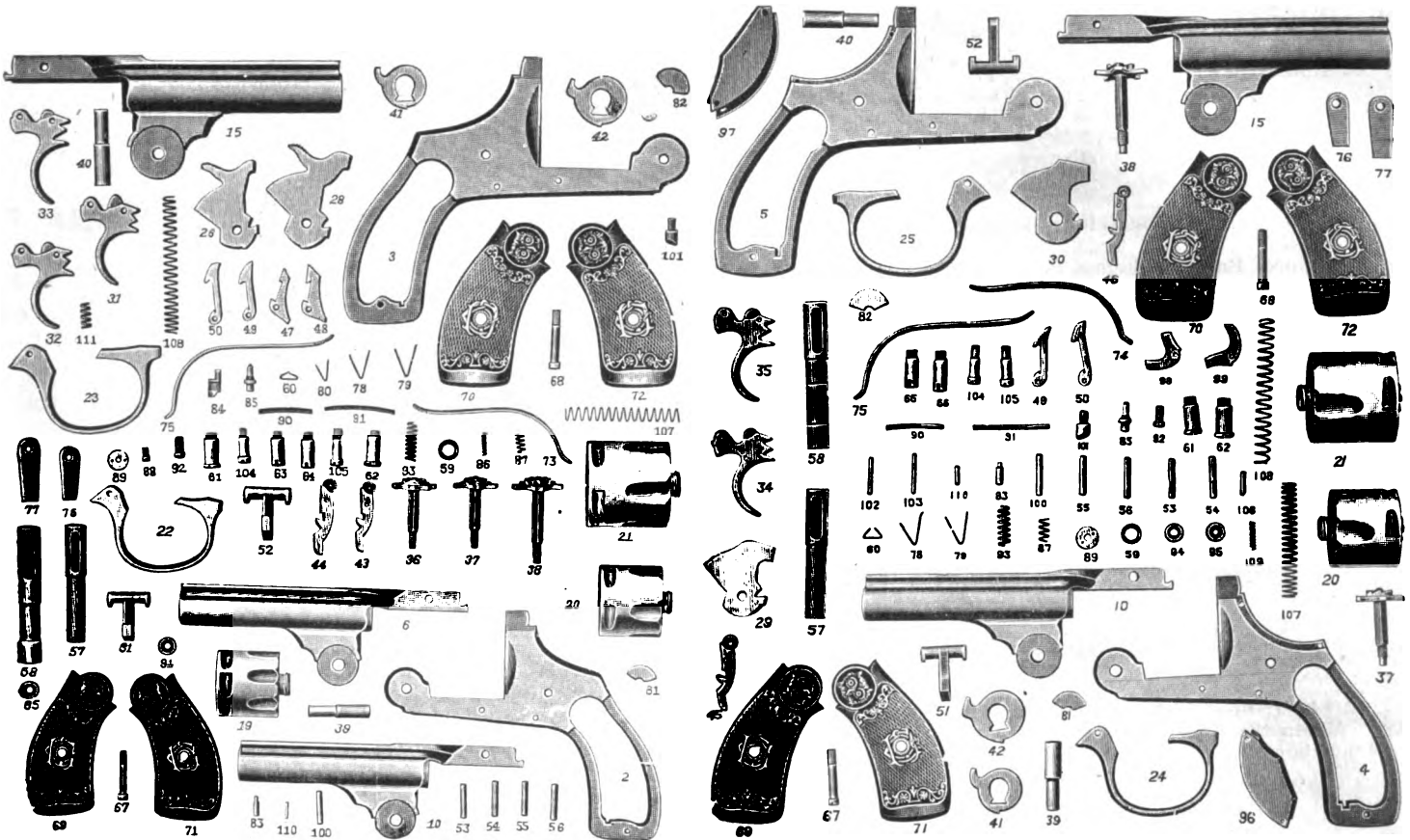
STEVENS CRACK SHOT, No. 16, OLD MODEL

No. 1—Barrel, with sights	Each \$2.00	No. 17—Fore-end	Each .30	No. 22—Hammer Screw	Each \$0.10	No. 27—Side Lever	Each \$0.25
No. 2—Barrel only	1.50	No. 18—Fore-end Escutcheon	.10	No. 23—Mainspring	.15	No. 32—Trigger	.25
No. 3—Barrel Screw	.20	No. 19—Fore-end Screw	.10	No. 24—Mainspring Screw	.10	No. 33—Trigger Screw	.10
No. 4—Breech Block	.50	No. 20—Frame	1.25	No. 25—Open Rear Sight	.25	No. 34—Trigger Spring	.15
No. 5—Side Lever Bushing	.15	No. 21—Hammer	.50	No. 26—Open Front Sight	.25	No. 35—Trigger Spring Screw	.10
No. 6—Breech Block Plunger	.10						
No. 7—Breech Block Plunger Spring	.10						
No. 8—Breech Block Screw	.10						
No. 9—Side Lever Check Nut	.10						
No. 10—Stock	1.00						
No. 11—Butt Plate	.50						
No. 12—Butt Plate Screw	.10						
No. 13—Butt Plate	.25						
No. 14—Extractor	.15						
No. 15—Firing Pin	.15						
No. 16—Firing Pin Pin	.10						

When ordering give Caliber and Number of Rifle for which part is required.

*All parts listed at 10 cents are sold Net.

COMPONENT REVOLVER PARTS

PARTS OF IVER JOHNSON SAFETY HAMMER AUTOMATIC
REVOLVERS, 22, 32 AND 38 CALIBERPARTS OF IVER JOHNSON SAFETY HAMMERLESS
AUTOMATIC REVOLVERS, 32 AND 38 CALIBERPRICE LIST OF PARTS FOR IVER JOHNSON SAFETY HAM-
MER AUTOMATIC REVOLVERS.

Name of Part.	Catalog No.			Price	Name of Part.	Catalog No.			Price
	.22 Cal.	.32 Cal.	.38 Cal.			.22 Cal.	.32 Cal.	.38 Cal.	
Frame	1	2	3	\$1.40	Hammer	63	63	64	\$0.10
Barrel, 3 in...	6	10		1.50	Stock Screw...	67	67	68	.10
Barrel, 3 1/2 in...			15	1.50	Stock, right...	69	69	70	.15
Barrel, 4 in...	7	11	16	2.10	Stock, left...	71	71	72	.15
Barrel, 5 in...	8	12	17	2.75	Main Spring...	73	73	75	.10
Barrel, 6 in...	9	13	18	3.37	Trigger Spr'g...	76	76	77	.10
Barrel, 2 in...		14		1.50	Lever Spring...	78	78	79	.10
Cylinder	19	20	21	.85	Sear Spring...	80	80	80	.10
Guard	22	22	23	.30	Sight	81	81	82	.10
Hammer	26	26	28	.35	Lever Pin	83	83	83	.10
Trigger	31	32	33	.40	Firing Pin...	84	85	85	.10
Extractor	36	37	38	.40	Fir'g Pin Spr...	86	87	87	.10
Ext. Stem	39	39	40	.10	Fir'g Pin Scr...	88			.10
Ext. Cam	41	41	42	.15	Fir'g Pin Nut...		89	89	.10
Lifter	43	43	44	.15	Cyl. Fric. Spr...	90	90	91	.10
Sear	47	47	48	.10	Guard Screw...	92	92	92	.10
Lever	49	49	50	.10	Head Escut...	94	94	94	.10
Barrel Catch...	51	51	52	.25	Thread Escut...	95	95	95	.10
Trigger Pin...	53	53	54	.10	Stock Pin	100	100	100	.10
Guard Pin	55	55	56	.10	Bl. Catch Bit...	101	101	101	.10
Q'l or Base Pin	57	57	58	.15	Bl. Catch Scr...	104	104	105	.10
Ext. Cam. Bu'g	59	59	59	.10	Ext. Spring...	107	107	108	.10
Cam Bu'g Spr...	60	60	60	.10	Lifter Pin	110	110	110	.10
Joint Screw ..	61	61	62	.10	Bl. Catch Spr...	111	111	93	.10

PRICE LIST OF PARTS FOR IVER JOHNSON SAFETY HAM-
MERLESS AUTOMATIC REVOLVERS.

Name of Part.	Catalog No.			Price	Name of Part.	Catalog No.			Price
	.32 Cal.	.38 Cal.				.32 Cal.	.38 Cal.		
Frame	4	5		\$1.40	Stock, right	69	70		\$0.15
Barrel, 3 in...	10			1.50	Stock, left	71	72		.15
Barrel, 3 1/2 in...		15		1.50	Main Spring	74	75		.10
Barrel, 4 in...	11	16		2.10	Trigger Spring...	76	77		.10
Barrel, 5 in...	12	17		2.75	Lever Spring	78	79		.10
Barrel, 6 in...	13	18		3.37	Sight	81	82		.10
Barrel, 2 in...		14		1.50	Lever Pin	83	83		.10
Cylinder	20	21		.85	Firing Pin	85	85		.10
Guard	24	25		.30	Firing Pin Spring	87	87		.10
Hammer	29	30		.35	Firing Pin Nut...	89	89		.10
Trigger	34	35		.40	Cyl. Fric. Spr...	90	91		.10
Extractor	37	38		.40	Guard Screw...	92	92		.10
Extractor Stem...	39	40		.10	Bl. Catch Spring...	111	93		.10
Extractor Cam...	41	42		.15	Head Escutcheon	94	94		.10
Lifter	45	46		.15	Thread Escutch'n	95	95		.10
Lever	49	50		.10	Cap or Slide	96	97		.50
Barrel Catch	51	52		.25	Safety Catch	98	99		.10
Trigger Pin	53	54		.10	Stock Pin	100	100		.10
Guard Pin	55	56		.10	Bl. Catch Bolt...	101	101		.10
Q'l or Base Pin...	57	58		.15	Bl. Catch	102	103		.10
Ext. Cam Bushing	59	59		.10	Bl. Catch Screw...	104	105		.10
Cam Bushing Spr...	60	60		.10	Safety Catch Pin...	106	106		.10
Joint Screw	61	62		.10	Extractor Spring...	107	108		.10
Hammer Screw...	65	66		.10	Safety Catch Spr...	109	109		.10
Stock Screw	67	68		.10	Lifter Pin	110	110		.10

When ordering parts that are supplied in both Nickel and Blue Finish always state which finish is desired.

*All Parts listed at 10 cents are sold Net

METALLIC CARTRIDGES

U. M. C. OR WINCHESTER MAKE

RIM FIRE



Bullet Breech Caps.

- .22 Round Ball** Per 1000 \$4.00
Adapted to Flobert and Other Gallery Rifles.
One Hundred in a Box, Ten Thousand in a Case.



Conical Ball B. B. Caps.

- .22 Conical Ball, Smokeless Powder** Per 1000 \$4.50
Adapted to Flobert and Other Gallery Rifles.
One Hundred in a Box, Ten Thousand in a Case.



Powder, 4 Grains; Bullet, 29 Grains.

- .22 Short, Lesmok Powder** Per 1000 \$5.00
.22 Short, Smokeless Powder, Greaseless Bullet 6.25
.22 Short, Smokeless Powder, Greased Bullet 6.25
.22 Short, Lesmok Powder, Hollow Point Bullet 5.50
.22 Short, Smokeless Powder, Hollow Point Bullet 6.75

Adapted to Revolvers and Rifles of this Caliber.
Fifty in a Box, Ten Thousand in a Case.

- .22 Short, Spot Light, Lesmok Powder** Per 1000 \$6.50
When the bullet hits the target it emits a bright flash or light about the size of a silver dollar, which "Spots" the shot.
Adapted to Revolvers and Rifles of this Caliber.
Fifty in a Box, Ten Thousand in a Case.



Powder, 5 Grains; Bullet, 35 Grains.

- .22 Long, Lesmok Powder** Per 1000 \$6.00
.22 Long, Smokeless Powder, Greaseless Bullet 7.50
.22 Long, Smokeless Powder, Greased Bullet 7.50

Powder, 5 Grains; Bullet, 29 Grains.

- .22 Long, Lesmok Powder, Hollow Point Bullet** Per 1000 \$6.50
.22 Long, Smokeless Powder, Hollow Point Bullet 8.00
Adapted to Repeating and Single Shot Rifles of this Caliber.
Fifty in a Box, Ten Thousand in a Case.



Powder, 5 Grains; Bullet, 40 Grains.

- .22 Long Rifle, Lesmok Powder** Per 1000 \$6.00
.22 Long Rifle, Smokeless Powder 7.50

Powder, 5 Grains; Bullet, 35 Grains.

- .22 Long Rifle, Lesmok Powder, Hollow Point Bullet** Per 1000 \$6.50
.22 Long Rifle, Smokeless Powder, Hollow Point Bullet 8.00
Adapted to Various Rifles of this Caliber.
Fifty in a Box, Ten Thousand in a Case.



Bullet, 40 Grains.

- .22 S. & W. Long, Black Powder** Per 1000 \$6.00
Adapted to S. & W. New Model Hand Ejector and Other Revolvers.
Fifty in a Box, Five Thousand in a Case.



Powder, 7 Grains; Bullet, 40 Grains.

- .22 Ex. Long, Lesmok Powder** Per 1000 \$9.00
.22 Ex. Long, Smokeless Powder, Greased Bullet 10.50
Adapted to Various Rifles of this Caliber.
Fifty in a Box, Ten Thousand in a Case.



.22 W. R. F., Model 1890.

Powder, 7 Grains; Bullet, 45 Grains.

- .22 W. R. F., Lesmok Powder** Per 1000 \$9.00
.22 W. R. F., Smokeless Powder, Greaseless, Inside Lubricated 10.00
.22 W. R. F., Smokeless Powder, Greased Bullet 10.00
.22 W. R. F., Lesmok Powder, Hollow Point Bullet \$9.50
.22 W. R. F., Smokeless Powder, Hollow Point Bullet 10.50
Adapted to Winchester Single Shot and Repeating Rifles, Model 1890.
Fifty in a Box, Five Thousand in a Case.



Bullet, 45 Grains.

- .22 Remington Autoloading, Smokeless Powder, Greaseless Bullet** Per 1000 \$10.00
Adapted to Remington-U. M. C. Autoloading Rifles.
Fifty in a Box, Five Thousand in a Case.



Bullet, 45 Grains.

- .22 Win. Automatic, Smokeless Powder, Greaseless Bullet** Per 1000 \$10.00
Bullet, 45 Grains.
.22 Win. Automatic, Smokeless Powder, Hollow Point Greaseless Bullet Per 1000 \$10.50
Adapted to Winchester Model 1903 Rifles.
Fifty in a Box, Five Thousand in a Case.



Powder, 5 Grains; Bullet, 38 Grains.

- .25 Short, Black Powder** Per 1000 \$8.50
Adapted to Bacon and Bliss Revolvers.
Fifty in a Box, Five Thousand in a Case.



Powder, 4 1/2 Grains; Bullet, 69 Grains.

- .25 Short, Stevens, Lesmok Powder** Per 1000 \$10.00
Adapted to Stevens and Winchester Single Shot Rifles.
Fifty in a Box, Two Thousand in a Case.



Powder, 10 Grains; Bullet, 67 Grains.

- .25 Stevens, Lesmok Powder** Per 1000 \$14.00
Adapted to Stevens and Winchester Single Shot Rifles.
Fifty in a Box, Two Thousand in a Case.

METALLIC CARTRIDGES

RIM FIRE



Powder, 9 Grains; Bullet, 80 Grains.

Per 1000

- .32 Short, Lesmok Powder**\$10.00
Adapted to Revolvers, Rifles and Pistols.
Fifty in a Box, Five Thousand in a Case.



Powder, 13 Grains; Bullet, 90 Grains.

Per 1000

- .32 Long, Lesmok Powder**\$11.50
Powder, 13 Grains; Bullet, 82 Grains.

Per 1000

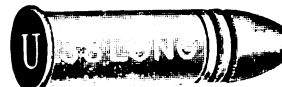
- .32 Long Rifle, Lesmok Powder**\$11.50
Adapted to Revolvers and Rifles.
Fifty in a Box, Five Thousand in a Case.



Powder, 15 Grains; Bullet, 125 Grains.

Per 1000

- .38 Short, Black Powder**\$16.00
Adapted to Revolvers and Rifles.
Fifty in a Box, Three Thousand in a Case.



Powder, 21 Grains; Bullet, 150 Grains.

Per 1000

- .38 Long, Black Powder**\$18.00
Adapted to Revolvers and Rifles.
Fifty in a Box, Three Thousand in a Case.

CENTER FIRE, PISTOL AND RIFLE



Powder, 13 Grains; Bullet, 45 Grains.

Per 1000

- .22 Winchester Single Shot, Lesmok Powder, Using**
No. 1 Winchester Primer\$15.00
.22 Winchester Single Shot, Smokeless Powder, Using
No. 1W Winchester Primer 17.00
Adapted to Winchester and Remington Single Shot Rifles.
Fifty in a Box, Three Thousand in a Case.



Powder, 17 Grains; Bullet, 86 Grains.

Per 1000

- .25-20 Winchester and Marlin, Lesmok Powder, Using**
No. 1 Winchester Primer\$16.00
.25-20 Winchester and Marlin, Smokeless Powder,
Lead Bullet, Using No. 1W Winchester Primer... 19.00
.25-20 Winchester and Marlin, Smokeless Powder, Soft
Point Bullet, Using No. 1W Winchester Primer... 20.00
Adapted to Winchester Model 1892 and Marlin Model 1894
Repeating Rifles.
Fifty in a Box, Two Thousand in a Case.



Powder, 19 Grains; Bullet, 86 Grains.

Per 1000

- .25-20 Single Shot, Lesmok Powder, Using No. 1 Win-**
chester Primer\$18.00
.25-20 Single Shot, Smokeless Powder, Lead Bullet,
Using No. 1W Winchester Primer 21.00
Adapted to Winchester, Maynard and Stevens Single Shot
Rifles.
Fifty in a Box, Two Thousand in a Case.



Bullet, 86 Grains.

Per 1000

- .25-20 Caliber, Winchester and Marlin, High Velocity**
Smokeless Powder, Soft Point or Metal Cased Bul-
let, Using No. 1W Winchester Primer\$21.00
Adapted to Winchester Model 1892 Special.
Fifty in a Box, Two Thousand in a Case.



Bullet, 50 Grains.

Per 1000

- .25 Automatic, Smokeless Powder, Full Metal Patched**
Bullet Only\$16.50
Adapted to Colt's, Clement's and Other Automatic Pistols of
this Caliber.
Fifty in a Box, Five Thousand in a Case.



Powder, 10 Grains; Bullet, 88 Grains.

- .32 S. & W., Black Powder, Using No. 1 U. M. C.**
Primer\$11.00
.32 S. & W., Smokeless Powder, Using No. 6 U. M. C.
Primer 12.00
Adapted to Smith & Wesson and Other Revolvers.
Fifty in a Box, Five Thousand in a Case.



Powder, 13 Grains; Bullet, 98 Grains.

Per 1000

- .32 S. & W., Long, Black Powder, Using No. 1 U. M. C.**
Primer\$12.00
.32 S. & W., Long, Smokeless Powder, Using No. 6 U.
M. C. Primer 13.50
Adapted to Smith & Wesson New Hand Ejector.
Fifty in a Box, Five Thousand in a Case.



Powder, 9 Grains; Bullet, 80 Grains.

Per 1000

- .32 Short Colt's, Black Powder, Using No. 1 U. M. C.**
Primer\$11.00
.32 Short Colt's, Smokeless Powder, Using No. 6 U.
M. C. Primer 12.00
Adapted to Colt's Revolvers and Webley and Tranter's Double
Action Pistols.
Fifty in a Box, Five Thousand in a Case.



Powder, 13 Grains; Bullet, 88 Grains.

Per 1000

- .32 Long Colt's, Black Powder, Using No. 1 U. M. C.**
Primer\$12.00
.32 Long Colt's, Smokeless Powder, Using No. 6 U.
M. C. Primer 13.50
Adapted to Colt's Revolvers and Webley and Tranter's Double
Action Pistols.
Fifty in a Box, Five Thousand in a Case.

METALLIC CARTRIDGES

CENTER FIRE, PISTOL AND RIFLE



Bullet, 71 Grains.

Per 1000

- .32 Caliber, Automatic Colt, Smokeless Powder, Metal Cased Bullet\$18.00
- .32 Caliber, Automatic Colt, Smokeless Powder, Soft Point Bullet 18.00
- Adapted to Colt's and Savage Automatic Pistols.
Fifty in a Box, Five Thousand in a Case.



Bullet, 71 Grains.

Per 1000

- .32 Savage Automatic Pistol, Smokeless Powder, Full Metal Cased Bullet\$18.00
- Adapted to Savage Automatic Pistols.
Fifty in a Box, Five Thousand in a Case.



Powder, 13 Grains; Bullet, 98 Grains.

Per 1000

- .32 Colt's, Black Powder, New Police (Police Positive), Using No. 1 U. M. C. Primer.....\$12.00
- .32 Colt's, Smokeless Powder, New Police (Police Positive), Using No. 6 U. M. C. Primer..... 13.50
- Adapted to Colt's New Police and S. & W. Hand Ejector Revolvers.
Fifty in a Box, Five Thousand in a Case.



Bullet, 100 Grains.

Per 1000

- .32 Colt's, Smokeless Powder, Using No. 6 U. M. C. Primer\$11.50
- Fifty in a Box, Five Thousand in a Case.



Powder, 20 Grains; Bullet, 100 Grains.

Per 1000

- .32 Black Powder, Using No. 1 U. M. C. Primer.....\$16.00
- Adapted to Colt's Lightning Magazine Rifles and Frontier Revolvers.
Fifty in a Box, Two Thousand in a Case.



Powder, 20 Grains; Bullet, 115 Grains.

Per 1000

- .32 or .32-20 W. C. F., Lesmok Powder, Using No. 1 Winchester Primer\$16.00
- .32 W. C. F., Smokeless Powder, Soft Point Bullet, Using No. 1W Winchester Primer..... 20.00
- .32 W. C. F., Smokeless Powder, Full Metal Patched Bullet, Using No. 1W Winchester Primer..... 20.00
- Adapted to Winchester Repeating and Single Shot Rifles.
Fifty in a Box, Two Thousand in a Case.



Bullet, 90 Grains.

Per 1000

- .32 W. C. F., Black Powder, Hollow Point, Bullet, Using No. 6 U. M. C. Primer.....\$16.50
- Adapted to Winchester, Marlin and Colt's Repeating Rifles; Remington and Winchester Single Shot Rifles, and Colt's and S. & W. Revolvers.
Fifty in a Box, Two Thousand in a Case.



Powder, 20 Grains; Bullet, 115 Grains.

Per 1000

- .32-20 Winchester, High Velocity, Smokeless Powder, Soft Point Bullet, Using No. 1W Winchester Primer\$21.00
- Adapted to Winchester Model 1892 and Marlin Model 1894 Repeating Rifles; Also Single Shot Rifles.
Fifty in a Box, Two Thousand in a Case.



Powder, 15 Grains; Bullet, 146 Grains.

Per 1000

- .38 S. & W., Lesmok Powder, Using No. 1 U. M. C. Primer\$13.50
- .38 S. & W., Smokeless Powder, Lead Bullet, Using No. 6 U. M. C. Primer..... 15.50
- Adapted to Smith & Wesson, H. & R. and H. & A. Revolvers.
Fifty in a Box, Two Thousand in a Case.



Powder, 21 1/2 Grains; Bullet, 158 Grains.

Per 1000

- .38 S. & W. Special, Lesmok Powder, Using No. 1 U. M. C. Primer\$16.50
- .38 S. & W. Special, Smokeless Powder, Lead Bullet, Using No. 6 U. M. C. Primer..... 18.50
- Adapted to S. & W. New Military and Police Revolvers and Colt's Revolvers.
Fifty in a Box, Two Thousand in a Case.



Powder, 15 Grains; Bullet, 123 Grains.

Per 1000

- .38 Short Colt's, Lesmok Powder, Using No. 1 U. M. C. Primer\$13.50
- .38 Short Colt's, Smokeless Powder, Lead Bullet, Using No. 6 U. M. C. Primer..... 15.50
- Adapted to Colt's Revolvers and Rifles of this Caliber.
Fifty in a Box, Four Thousand in a Case.



Powder, 15 Grains; Bullet, 150 Grains.

Per 1000

- .38 Colt's, New Police (Police Positive), Black Powder, Using No. 1 U. M. C. Primer.....\$13.50
- .38 Colt's New Police (Police Positive), Smokeless Powder, Lead Bullet, Using No. 6 U. M. C. Primer..... 15.50
- Adapted to Colt's Revolvers and Rifles of this Caliber.
Fifty in a Box, Two Thousand in a Case.



Bullet, 95 Grains.

Per 1000

- .380 Colt's Automatic, Rimless, Smokeless Powder, Soft Point Bullet\$25.00
- .380 Colt's Automatic, Rimless, Smokeless Powder, Full Metal Patched Bullet 25.00
- Adapted to Colt and Savage Automatic Pistols.
Fifty in a Box, Two Thousand in a Case.

METALLIC CARTRIDGES

CENTER FIRE, PISTOL AND RIFLE



Bullet, 130 Grains.

- Per 1000
- .38 Colt's Automatic, Rimless, Smokeless Powder, Soft Point Bullet\$26.00
- .38 Colt's Automatic, Rimless, Smokeless Powder, Full Metal Cased Bullet 26.00
- Adapted to .38 Colt's Automatic Pistols.
Fifty in a Box, Two Thousand in a Case.



Powder, 18 Grains; Bullet, 152 Grains.

- Per 1000
- .38 Long, Colt's, Black Powder, Using No. 1 U. M. C. Primer\$14.50
- .38 Long, Colt's, Smokeless Powder, Using No. 6 U. M. C. Primer 16.50
- Adapted to Colt's Revolvers.
Fifty in a Box, Three Thousand in a Case.



Powder, 38 Grains; Bullet, 180 Grains.

- Per 1000
- .38 or .38-40 W. C. F., Lesmok Powder, Using No. 1 Winchester Primer\$19.00
- .38 W. C. F., Smokeless Powder, Soft Point Bullet, Using No. 1W Winchester Primer 24.00
- .38 W. C. F., Smokeless Powder, Full Metal Patched Bullet, Using No. 1W Winchester Primer 24.00
- Adapted to Winchester Repeating Rifles, .38 Caliber, Model 1873, Model 1892, and Winchester Single Shot Rifles, and Colt Revolvers.
Fifty in a Box, Two Thousand in a Case.



Powder, 38 Grains; Bullet, 165 Grains.

- Per 1000
- .38 W. C. F., Black Powder, Hollow Point Bullet, Using No. 1 Winchester Primer\$19.50
- Adapted to Winchester Repeating Rifles, .38 Caliber, Models 1873 and 1892, and Winchester Single Shot Rifles, and Colt Revolvers.
Fifty in a Box, Two Thousand in a Case.



Bullet, 180 Grains.

- Per 1000
- .38 Winchester High Velocity, Smokeless Powder, Soft Point Bullet, Using No. 1W Winchester Primer...\$27.00
- Adapted to Model 1892 Winchester Rifles.
Fifty in a Box, Two Thousand in a Case.



Powder, 15 Grains; Bullet, 163 Grains.

- Per 1000
- .41 Short Colts, Lesmok Powder, Using No. 1 U. M. C. Primer\$15.00
- Adapted to Colt's Double Action Revolver.
Fifty in a Box, Two Thousand in a Case.



- Powder, 22 Grains; Bullet, 195 Grains. Per 1000
- .41 Long Colt's, Lesmok Powder, Using No. 1 U. M. C. Primer\$17.50
- Adapted to Colt Double Action Revolver.
Fifty in a Box, Two Thousand in a Case.



- Powder, 40 Grains; Bullet, 200 Grains. Per 1000
- .44 or .44-40 W. C. F., Lesmok Powder, Using No. 1 Winchester Primer\$19.00
- .44 W. C. F., Smokeless Powder, Soft Point Bullet, Using No. 1W Winchester Primer 24.00
- .44 W. C. F., Smokeless Powder, Full Metal Patched Bullet, Using No. 1W Winchester Primer 24.00
- Adapted to Winchester Repeating Rifles, Models 1873 and 1892, Winchester Single Shot Rifles, S. & W. and Colt's Revolvers.
Fifty in a Box, Two Thousand in a Case.



- Powder, 40 Grains; Bullet, 180 Grains. Per 1000
- .44 W. C. F., Black Powder, Hollow Point, Using No. 1 Winchester Primer\$19.50
- Fifty in a Box, Two Thousand in a Case.



- Bullet, 200 Grains. Per 1000
- .44 Winchester High Velocity, Smokeless Powder, Soft Point Bullet, Using No. 1W Winchester Primer...\$27.00
- Adapted to Winchester Model 1892 and Marlin Model 1894 Repeating Rifles and to Single Shot Rifles.
Fifty in a Box, Two Thousand in a Case.



- Powder, 23 Grains; Bullet, 240 Grains. Per 1000
- .44 S. & W., Russian, Black Powder, Using No. 2 U. M. C. Primer\$20.00
- Adapted to Smith & Wesson Russian Model and Colt Revolvers; Also Remington-U. M. C. Single Shot Target Pistols.
Fifty in a Box, Two Thousand in a Case.



- Powder, 23 Grains; Bullet, 218 Grains. Per 1000
- .44 S. & W. American, Black Powder, Using No. 1 U. M. C. Primer\$19.00
- Adapted to Smith & Wesson, American Model, Army and Navy Revolvers of this Caliber.
Fifty in a Box, Two Thousand in a Case.



- Powder, 23 Grains; Bullet, 210 Grains. Per 1000
- .44 Colt Pistol, Black Powder, Using No. 2 U. M. C. Primer\$20.00
- Adapted to Colt's Transformed Old Model Army Revolver.
Fifty in a Box, Two Thousand in a Case.

METALLIC CARTRIDGES

CENTER FIRE, PISTOL AND RIFLE



Bullet, 115 Grains.

Per 1000

- .44 Caliber, Piper Model, Smokeless Powder, Round Bullet, Using No. 6 U. M. C. Primer.....\$22.00
Adapted to Marble's Game Getter Gun and Shot Guns of this Caliber.

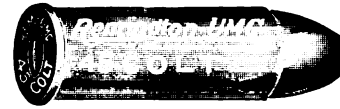
• Fifty in a Box, Two Thousand in a Case.



Powder, 15 Grains; Bullet, 170 Grains.

Per 1000

- .44 Bull Dog, Black Powder, Using No. 1 U. M. C. Primers\$14.50
Adapted to Webley and British Bull Dog Pistols.
Fifty in a Box, Two Thousand in a Case.



Powder, 40 Grains; Bullet, 250 Grains.

Per 1000

- .45 Colt's, Black Powder, Using No. 2 U. M. C. Primer\$22.00
.45 Colt's, Smokeless Powder, Using No. 7 U. M. C. Primer 24.50

Adapted to Colt's Revolvers.
Fifty in a Box, Two Thousand in a Case.

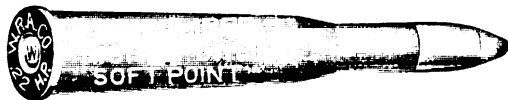


Bullet, 200 Grains.

Per 1000

- .45 Colt's Automatic, Smokeless Powder, Full Metal Patched Bullet\$30.00
Adapted to Colt's Automatic Pistols.
Fifty in a Box, Two Thousand in a Case.

CENTER FIRE, MILITARY AND SPORTING



Bullet, 70 Grains.

Per 1000

- .22 High Power, Smokeless Powder, Soft Point Bullet, Using No. 2½ W Winchester Primer.....\$38.00
Adapted to the New .22 Savage High Power Rifle.
Twenty in a Box, One Thousand in a Case.



Bullet, 117 Grains.

Per 1000

- .25-35 Winchester Model 1894, Smokeless Powder, Soft Point Bullet, Using No. 5 Winchester Primer.....\$33.00
.25-35 Winchester Model 1894, Smokeless Powder, Full Metal Patched Bullet, Using No. 5 Winchester Primer 33.00
Adapted to Winchester Model 1894 and Savage Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet, 117 Grains.

Per 1000

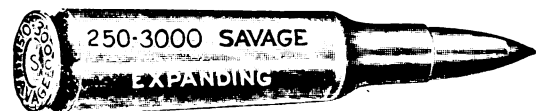
- .25-35 Savage, Smokeless Powder, Soft Point Bullet...\$33.00
Adapted to Savage Rifles of this Caliber.
Twenty in a Box, One Thousand in a Case.



Bullet, 117 Grains.

Per 1000

- .25 Remington, Autoloading, Rimless, Smokeless Powder, Soft Point Bullet\$33.00
.25 Remington Autoloading, Rimless, Smokeless Powder, Full Metal Cased Bullet 33.00
Adapted to Remington-U. M. C. Autoloading, Standard Automatic and Stevens Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet, 87 Grains.

Per 1000

- .250/3000 Savage, Smokeless Powder, Rimless, Soft Nose Spitzer Point Copper Jacketed Bullet.....\$42.00
Per 1000

This Cartridge is loaded with Pure Nitro Cellulose Powder and Non-Mercuric Primer, insuring extremely long accuracy life of barrel.

Adapted to Savage Model 1899, 250/3000 Repeating Rifle.



Bullet, 117 Grains.

Per 1000

- .25-36 Marlin, Smokeless Powder, Soft Point Bullet, Using No. 7 U. M. C. Primer.....\$33.00
.25-36 Marlin, Smokeless Powder, Full Metal Patched Bullet, Using No. 7 U. M. C. Primer..... 33.00
Adapted to Marlin Model 1893 Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet, 86 Grains.

Per 1000

- .25-36 Marlin, Short Range, Smokeless Powder, Lead Bullet, Using No. 7 U. M. C. Primer.....\$30.00
Adapted to Marlin 1893 Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



Steel Jacketed Bullet, 220 Grains.

Per 1000

- .30-220 or 30/40, Smokeless Powder, Soft Point, Using No. 2½ W Winchester Primer.....\$50.00
Adapted to Winchester Rifles, Model 1895, Winchester Single Shot and Krag-Jorgensen Rifles, Adopted by U. S. Army.
Twenty in a Box, One Thousand in a Case.

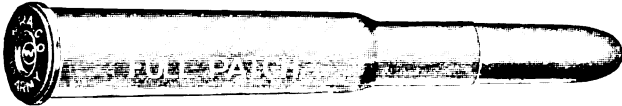
METALLIC CARTRIDGES

CENTER FIRE, MILITARY AND SPORTING



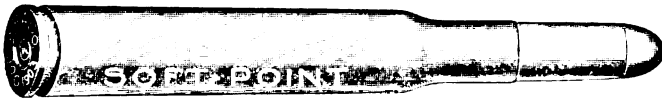
Bullet, 170 Grains.

- Per 1000
- 1-.30 or .30-30 Win., Mar. and Sav., Smokeless Powder, Soft Point Bullet, Using No. 5W Winchester Primer\$38.00
- 2-.30 or .30-30 Win., Mar. and Sav., Smokeless Powder, Full Metal Patched Bullet, Using No. 5 Winchester Primer 38.00
- 4-.30 or .30-30 Win., Mar. and Sav. Short Range, Smokeless Powder, Lead Bullet, Using No. 5 Winchester Primer 30.00
- Adapted to Winchester, Marlin and Savage Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet, 220 Grains.

- Per 1000
- 5-.30, U. S. Army, Smokeless Powder, Full Metal Patched Bullet, Using No. 2 1/2 W Win. Primer....\$50.00
- Adapted to Winchester Repeating Rifles, Model 1895, Single Shot and Krag-Jorgensen, Adopted by U. S. Army.
Twenty in a Box, One Thousand in a Case.



Bullet, 220 Grains.

- Per 1000
- 6-.30, U. S. Government, Smokeless Powder, Soft Point Bullet, Using No. 2 1/2 W Winchester Primer.....\$55.00
- Adapted to Model 1903 Springfield and Model 1895 Winchester Rifles when Chambered for Rimless Cartridges.
Twenty in a Box, One Thousand in a Case.



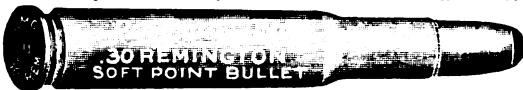
Bullet, 180 Grains.

- Per 1000
- 7-.30, U. S. Government, Rimless, Smokeless Powder, Full Metal Patched Bullet, Using No. 2 1/2 W Winchester Primer\$55.00
- Adapted to Model 1906 Springfield and Model 1895 Winchester Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet, 180 Grains.

- Per 1000
- 8-.30, U. S. Government, Rimless, Smokeless Powder, Soft Point Bullet, Using No. 2 1/2 W Winchester Primer\$55.00
- Adapted to Model 1906 Springfield, and Model 1895 Winchester Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet, 170 Grains.

- Per 1000
- 9-.30, Remington Autoloading, Rimless, Smokeless Powder, Soft Point Bullet.....\$38.00

- Per 1000
- 10-.30, Remington Autoloading, Rimless, Smokeless Powder, Full Metal Cased Bullet.....\$38.00
- Adapted to Remington Autoloading, Standard Automatic and Stevens Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 160 Grains.

- Per 1000
- 11-.30-30, Savage, Smokeless Powder, Soft Point Bullet\$38.00
- 12-.30-30, Savage, Smokeless Powder, Full Metal Cased Bullet 38.00
- Adapted to Savage Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 100 Grains.

- Per 1000
- 18-.30-30, Savage Miniature, Smokeless Powder, Plain Lead Bullet\$30.00
- Adapted to Savage Repeating Rifles.
Twenty in a Box, One Thousand in a Case.

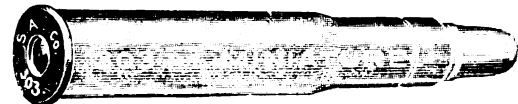


Bullet 180 Grains.

- Per 1000
- .303, Savage, Smokeless Powder, Full Metal Cased Bullet\$38.00

Bullet 190 Grains.

- Per 1000
- .303, Savage, Smokeless Powder, Soft Point Bullet...\$38.00
- Adapted to Savage Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 100 Grains.

- Per 1000
- .303, Savage Miniature, Smokeless Powder, Plain Lead Bullet\$30.00
- Adapted to Savage Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 165 Grains.

- Per 1000
- .32 Caliber, Winchester, Self-Loading, Soft Point Bullet, Smokeless Powder, Using No. 1W Winchester Primer\$27.00
- .32 Caliber, Winchester, Self-Loading, Full Metal Patched Bullet, Smokeless Powder, Using No. 1W Winchester Primer 27.00
- Adapted to Model 1905, Winchester Self-Loading Rifles,
Fifty in a Box, Two Thousand in a Case.



Bullet 165 Grains.

- Per 1000
- .32-40-165, High Power, Smokeless Powder, Soft Point, Using No. 8 U. M. C. Primer.....\$38.00
- Adapted to Winchester, Marlin, Savage, Remington-Lee Repeating, also Remington-U. M. C. High Power Single Shot Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 165 Grains.

- Per 1000
- .32-40, Savage, High Power, Smokeless Powder, Soft Point Bullet\$38.00
- Adapted to Savage Repeating Rifles.
Twenty in a Box, One Thousand in a Case.

METALLIC CARTRIDGES

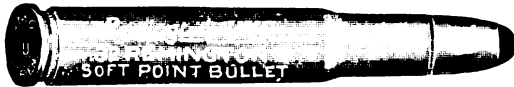
CENTER FIRE, MILITARY AND SPORTING



Bullet 170 Grains.

Per 1000

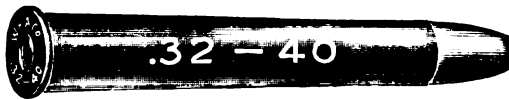
- .32 Winchester Special, Smokeless Powder, Soft Point Bullet, Using No. 5 1/2 Winchester Primer.....\$38.00
- .32 Winchester Special, Smokeless Powder, Full Metal Patched Bullet, Using No. 5 1/2 Winchester Primer. 38.00
- Adapted to Winchester Repeating Rifles, Model 1894.
Twenty in a Box, One Thousand in a Case.



Bullet 170 Grains.

Per 1000

- .32 Remington Autoloading, Rimless, Smokeless Powder, Soft Point Bullet.....\$38.00
- .32 Remington Autoloading, Rimless, Smokeless Powder, Full Metal Patched Bullet..... 38.00
- Adapted to Remington Autoloading and Stevens Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



Powder 40 Grains, Bullet 165 Grains.

Per 1000

- .32-40 Win., Mar. and Sav., Black Powder, Using No. 2 1/2 Winchester Primer.....\$27.00
- .32-40 Win., Mar. and Sav., Smokeless Powder, Soft Point Bullet, Using No. 2 1/2 Winchester Primer... 32.00
- .32-40 Win., Mar. and Sav., Smokeless Powder, Full Metal Patched Bullet, Using No. 2 1/2 W Winchester Primer 32.00
- .32-40 Win., Mar. and Sav., High Velocity Smokeless Powder, Soft Point Bullet, Using No. 5 1/2 Winchester Primer 38.00
- Adapted to Winchester Single Shot Rifle and Model 1894 Repeating Rifle and to Marlin, Savage and Ballard Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 200 Grains.

Per 1000

- .33 Caliber, Smokeless Powder, Soft Point Bullet, Using No. 5 Winchester Primer.....\$50.00
- .33 Caliber, Smokeless Powder, Full Metal Patched Bullet, Using No. 5 Winchester Primer..... 50.00
- Adapted to Winchester, Model 1886, Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 180 Grains.

Per 1000

- .4-.35 Caliber, Winchester Self-Loading, Smokeless Powder, Soft Point Bullet, Using No. 1W Winchester Primer\$27.50
- .6-.35 Caliber, Winchester Self-Loading, Smokeless Powder, Full Metal Patched Bullet, Using No. 1W Winchester Primer 27.50
- Adapted to Model 1905, Winchester Self-Loading Rifles.
Fifty in a Box, Two Thousand in a Case.



Bullet 180 Grains

Per 1000

- .351 Caliber, Winchester Self-Loading, Rimless, Smokeless Powder, Soft Point Bullet, Using No. 1W Winchester Primer\$32.00
- .351 Caliber, Winchester Self-Loading, Rimless, Smokeless Powder, Full Metal Patched Bullet, Using No. 1W Winchester Primer..... 32.00
- Adapted to Winchester, Model 1907, Self-Loading Rifle.
Fifty in a Box, Two Thousand in a Case.



Bullet 250 Grains.

Per 1000

- .35 Smokeless Powder, Soft Point, Using No. 2 1/2 W Winchester Primer\$55.00
- Adapted to Winchester Model 1895 Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 200 Grains.

Per 1000

- 7-.35 Caliber, Remington Autoloading, Rimless, Smokeless Powder, Soft Point Bullet.....\$42.00
- 8-.35 Caliber, Remington Autoloading, Rimless, Smokeless Powder, Full Metal Cased Bullet..... 42.00
- Adapted to Remington and Standard Autoloading Rifles.
Twenty in a Box, One Thousand in a Case.



Powder 48 Grains, Bullet 255 Grains.

Per 1000

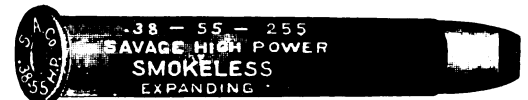
- .38-55 Win. Mar. and Sav., Black Powder, Using No. 2 1/2 Winchester Primer.....\$33.00
- .38-55 Win., Mar. and Sav., Smokeless Powder, Soft Point Bullet, Using No. 2 1/2 W Winchester Primer. 40.00
- .38-55 Win., Mar. and Sav., Smokeless Powder, Full Metal Patched Bullet, Using No. 2 1/2 W Winchester Primer 40.00
- Adapted to Winchester Single Shot and Model 1894, Marlin Model 1893 and Savage Rifles.
Twenty in a Box, One Thousand in a Case.



Bullet 255 Grains.

Per 1000

- .38-55 Winchester, High Velocity, Smokeless Powder, Soft Point Bullet, Using No. 5 1/2 Winchester Primer\$46.00
- Adapted to Winchester Model 1894 and Savage Repeating Rifles.
Twenty in a Box, One Thousand in a Case.



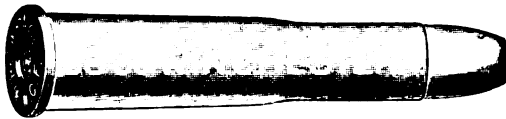
Bullet 255 Grains.

Per 1000

- .38-55 Savage, High Power, Smokeless Powder, Soft Point Bullet\$46.00
- Adapted to Savage Model 1899 Repeating Rifles.
Twenty in a Box, One Thousand in a Case.

METALLIC CARTRIDGES

CENTER FIRE, MILITARY AND SPORTING



Powder 56 Grains, Bullet 255 Grains.

Per 1000

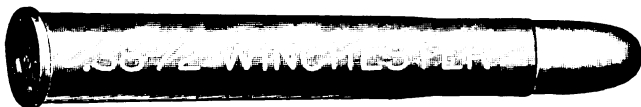
- .38-56 Winchester and Marlin, Black Powder, Using No. 2 ½ Winchester Primer.....\$33.00
 .38-56 Winchester and Marlin, Smokeless Powder, Soft Point Bullet Using No. 2 ½ W Winchester Primer. 40.00
 .38-56 Winchester and Marlin, Smokeless Powder, Full Metal Patched Bulles, Using No. 2 ½ Winchester Primer 40.00
 Adapted to Winchester Single Shot and Repeating Rifles, Model 1886, and Marlin Model 1895.
 Twenty in a Box, One Thousand in a Case.



Powder 68 Grains, Bullet 255 Grains.

Per 1000

- .38-70, Black Powder, Using No. 2 ½ Winchester Primer\$35.00
 .38-70, Smokeless Powder, Soft Point Bullet, Using No. 2 ½ W Winchester Primer..... 43.00
 Adapted to Winchester Single Shot and Model 1886 Rifles.
 Twenty in a Box, One Thousand in a Case.



Powder 72 Grains, Bullet 275 Grains.

Per 1000

- .38-72, Black Powder, Using No. 2 ½ Winchester Primer\$34.00
 .38-72, Smokeless Powder, Soft Point Bullet, Using No. 2 ½ W Winchester Primer..... 43.00
 Adapted to Winchester Model 1895 Repeating Rifles.
 Twenty in a Box, One Thousand in a Case.



Powder 62 Grains, Bullet 210 Grains.

Per 1000

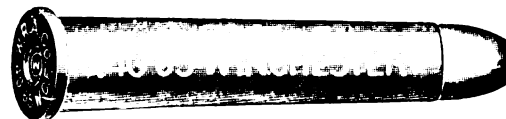
- .40-60, Black Powder, Using No. 1 Winchester Primer\$32.00
 .40-60, Smokeless Powder, Soft Point Bullet, Using No. 6 ½ U. M. C. Primer..... 40.00
 Adapted to Winchester Single Shot and Model 1876 Rifles.
 Twenty in a Box, One Thousand in a Case.



Powder 60 Grains, Bullet 260 Grains.

Per 1000

- .40-60, Black Powder, Using No. 1 ½ U. M. C. Primer..\$33.00
 Adapted to Marlin Repeating Rifles.
 Twenty in a Box, One Thousand in a Case.

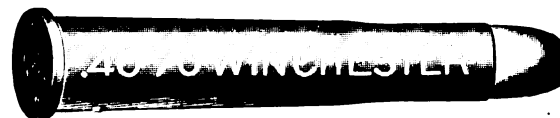


Powder 65 Grains, Bullet 260 Grains.

Per 1000

- .40-65, Black Powder, Using No. 2 ½ Winchester Primer\$33.00
 .40-65, Smokeless Powder, Soft Point Bullet, Using No. 2 ½ W Winchester Primer..... 40.00
 .40-65, Smokeless Powder, Full Metal Patched Bullet, Using No. 2 ½ W Winchester Primer..... 40.00
 Adapted to Winchester Single Shot and Model 1886, and Marlin Model 1895 Rifles.

Twenty in a Box, One Thousand in a Case.



Powder 70 Grains, Bullet 330 Grains.

Per 1000

- .40-70, Winchester, Model 1886, Black Powder, Using No. 2 ½ Winchester Primer\$36.00
 .40-70, Winchester Model 1886, Smokeless Powder, Soft Point Bullet, Using No. 2 ½ W Winchester Primer 43.00
 Adapted to Winchester Repeating Rifle, Model 1886.

Twenty in a Box, One Thousand in a Case.

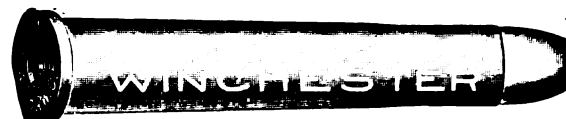


Powder 72 Grains, Bullet 330 Grains.

Per 1000

- .40-72 Caliber, Winchester, Model 1895, Black Powder, Using No. 2 ½ Winchester Primer.....\$35.00
 .40-72 Caliber, Winchester, Model 1895, Smokeless Powder, Soft Point Bullet, Using No. 2 ½ W Winchester Primer 43.00
 Adapted to Winchester Repeating Rifle, Model 1895.

Twenty in a Box, One Thousand in a Case.



Powder 82 Grains, Bullet 260 Grains.

Per 1000

- .40-82, Black Powder, Using No. 2 ½ Winchester Primer\$36.00
 .40-82, Smokeless Powder, Soft Point Bullet, Using No. 2 ½ W Winchester Primer 43.00
 Adapted to Winchester Single Shot and Repeating Model 1886 and Marlin Model 1895 Rifles.

Twenty in a Box, One Thousand in a Case.



Bullet 200 Grains.

Per 1000

- .401 Caliber, Winchester Self-Loading, Smokeless Powder, Soft Point Bullet, Using No. 2 ½ W Winchester Primer\$40.00
 Bullet 250 Grains.

Per 1000

- .401 Caliber, Winchester Self-Loading, Smokeless Powder, Soft Point Bullet, Using No. 2 ½ W Winchester Primer\$40.00
 Adapted to Winchester Model 1910 Self-Loading Rifle.

Twenty in a Box, One Thousand in a Case.

METALLIC CARTRIDGES

CENTER FIRE, MILITARY AND SPORTING



Bullet 300 Grains.

Per 1000

- .405, Smokeless Powder, Soft Point Bullet, Using No.**
 2½ W Winchester Primer \$60.00
 Adapted to Winchester Model 1895 Rifles.
 Twenty in a Box, One Thousand in a Case.



Powder 70 Grains, Bullet 400 Grains.

Per 1000

- .43 Caliber, Egyptian, Black Powder, Using No. 2½**
 Winchester Primer \$37.00
 For Beaumont and other .43 Caliber Rifles.
 Twenty in a Box, One Thousand in a Case.



Powder 62 Grains, Bullet 300 Grains.

Per 1000

- .45-60, Black Powder, Using No. 2½ Winchester**
 Primer \$33.00
 Adapted to Winchester Model 1876 and Single Shot and Colt
 Repeating Rifles.
 Twenty in a Box, One Thousand in a Case.

Powder 70 Grains, Bullet 330 Grains.
Gould's Hollow Point.

Per 1000

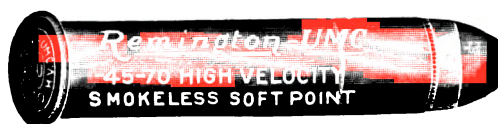
- .45-70-330, Black Powder, Using No. 2½ Winchester**
 Primer \$35.00
 Adapted to Winchester Single Shot and Repeating Rifles,
 Model 1886.
 Twenty in a Box, One Thousand in a Case.



Bullet 300 Grains.

Per 1000

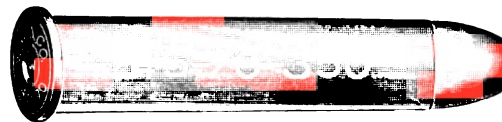
- .45-70 H. V., Smokeless Powder, Soft Point Bullet,**
 Using No. 5½ Winchester Primer \$43.00
 Adapted to High Power Rifles Only of this Caliber.
 Twenty in a Box, One Thousand in a Case.



Bullet 300 Grains.

Per 1000

- .45-70, Winchester and Marlin, High Velocity, Smoke-**
less Powder, Soft Point Bullet, Using No. 7½
 U. M. C. Primer \$43.00
 Adapted to Winchester and Marlin Repeating Rifles.
 Twenty in a Box, One Thousand in a Case.



Powder 70 Grains, Bullet 350 Grains.

Per 1000

- .45-70-350, Black Powder, Using Winchester No. 2½**
 Primers \$35.00
 Adapted to Winchester Single Shot and Repeating Rifles.
 Model 1886.

Twenty in a Box, One Thousand in a Case.



Powder 70 Grains, Bullet 405 Grains.

Per 1000

- .45-70-405, Black Powder, Using No. 2½ Winchester**
 Primer \$35.00
.45-70-405, Smokeless Powder, Using No. 2½ W Win-
 chester Primer 42.00
 Adapted to Winchester Single Shot and Model 1886, Marlin
 Model 1895, New Model Springfield and Hotchkiss
 Repeating Rifles.

Twenty in a Box, One Thousand in a Case.



Powder 70 Grains, Bullet 500 Grains.

Per 1000

- .45-70-500, Black Powder, Using No. 2½ Winchester**
 Primer \$38.00
 Adapted to Winchester Single Shot and Model 1886, Marlin
 Model 1895, New Model Springfield and Hotchkiss
 Repeating Rifles.

Twenty in a Box, One Thousand in a Case.



Powder 75 Grains, Bullet 350 Grains.

Per 1000

- .45-75, Black Powder, Using No. 2½ Winchester**
 Primer \$35.00
 Adapted to Winchester Model 1876 and Single Shot Rifles.

Twenty in a Box, One Thousand in a Case.



Powder 90 Grains, Bullet 300 Grains.

Per 1000

- .45-90, Smokeless Powder, Soft Point, Using No. 2½ W**
 Winchester Primer \$43.00
 Adapted to Winchester Single Shot and Model 1886 and Marlin
 Model 1895 Rifles.

Twenty in a Box, One Thousand in a Case.

SHOT CARTRIDGES



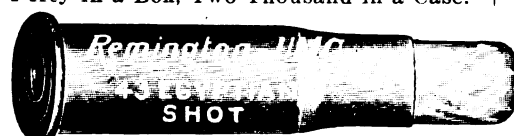
.22 Caliber, Long, Rim Fire, No. 12 Shot \$11.00
Fifty in a Box, Ten Thousand in a Case.

.22 Caliber, Long, Rim Fire, Smokeless Powder, No. 12 Shot \$12.50
Fifty in a Box, Ten Thousand in a Case.

.32 Caliber, Long, Rim Fire, No. 10 Shot \$22.00
Fifty in a Box, Five Thousand in a Case.



.32 Caliber, Winchester 73, Center Fire, No. 10 Shot \$17.00
Fifty in a Box, Two Thousand in a Case.



.43 Caliber, Egyptian, Center Fire, No. 8 Shot \$44.00
Fifty in a Box, Two Thousand in a Case.

RIM AND CENTER FIRE



.32 Caliber, S. & W., Center Fire, No. 10 Shot \$12.00
Fifty in a Box, Five Thousand in a Case.



.38 Caliber, S. & W., Center Fire, No. 10 Shot \$14.50
Fifty in a Box, Two Thousand in a Case.



.44 Caliber, Winchester 73, Center Fire, No. 8 Shot \$20.00
Fifty in a Box, Two Thousand in a Case.



.38 Caliber, Short, Rim Fire, No. 10 Shot \$30.00
Fifty in a Box, Three Thousand in a Case.



.38 Caliber, Winchester 73, Center Fire, No. 10 Shot \$20.00
Fifty in a Box, Two Thousand in a Case.



.44 X. L., Shot, Center Fire, No. 8 Shot \$21.00
Fifty in a Box, Two Thousand in a Case.

BLANK CARTRIDGES
RIM FIRE

.22 Caliber, Short, Black Powder \$5.00
Fifty in a Box, Ten Thousand in a Case.



.32 Caliber, S. & W., Black Powder \$11.00
Fifty in a Box, Five Thousand in a Case.



.38 Caliber, S. & W., Black Powder \$13.50
Fifty in a Box, Two Thousand in a Case.



.32 Caliber, Short, Black Powder \$10.00
Fifty in a Box, Five Thousand in a Case.



.38 Caliber, Short, Black Powder \$16.00
Fifty in a Box, Three Thousand in a Case.

Adapted to Rim Fire Revolvers and Pistols of these Calibers, also Single Shot Rifles.

CENTER FIRE



.45 Caliber, Colt, Black Powder \$22.00
Fifty in a Box, Two Thousand in a Case.



.45-70-405 U. S. Government, Blank, Center Fire \$35.00
Adapted to U. S. Springfield, Sharps, Remington and other Military and Sporting Rifles.
Fifty in a Box, One Thousand in a Case.

WINCHESTER SUPPLEMENTAL CHAMBERS



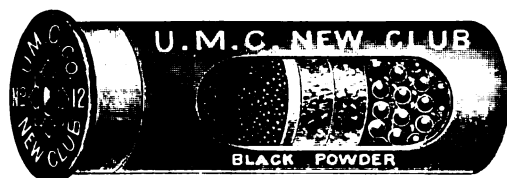
This handy and simple device permits the use of popular pistol cartridges in high power rifles chambered for .30 Winchester, .30 Army, .303 Savage, .303 British, .32-40, .32 Winchester Special, .35 and .405 Winchester Cartridges without change or readjustment of the rifle, except the sights. The Winchester Supplemental Chamber is inserted in the rifle, the same as a cartridge, and, as it is extracted from the gun in the same manner as an empty shell, it does not interfere with the instant use of regular ammunition.

	Each
.30 Winchester Caliber, for Use with .32 Smith & Wesson Cartridges	\$0.60
.30 Army Caliber, for Use with .32 Smith & Wesson Cartridges	.60
.30 Gov't, Model 1906, Caliber, for Use with .32 Smith & Wesson Cartridges	.60
.303 Savage Caliber, for Use with .32 Smith & Wesson Cartridges	.60
.303 British Caliber, for Use with .32 Smith & Wesson Cartridges	.60
.32 Winchester Special Caliber, for Use with .32 Short Colt and .32 Long Colt Cartridges	.60
.32-40 Caliber, for Use with .32 Short Colt and .32 Long Colt Cartridges	.60
.35 Winchester Caliber, for Use with .38 Smith & Wesson and .38 Colt New Police Cartridges	.60
.405 Winchester Caliber, for Use with .41 Short Colt Cartridges	.60

Smokeless Powder Cartridges are recommended for use with the Winchester Supplemental Chamber, as black powder cartridges soon foul barrels having such quick twists as the above.

LOADED SHELLS

LOADED WITH BLACK POWDER.



U. M. C. NEW CLUB.

10 Gauge.

Number	Quantity of Powder	Quantity of Shot	Size of Shot	Per 1000
246	4 Drs.	1 1/8 Oz.	6	\$29.00
247	4 Drs.	1 1/8 Oz.	7	29.00
248	4 Drs.	1 1/8 Oz.	8	29.00
264	4 1/4 Drs.	1 1/8 Oz.	4	29.50
265	4 1/4 Drs.	1 1/8 Oz.	5	29.50
266	4 1/4 Drs.	1 1/8 Oz.	6	29.50
267	4 1/4 Drs.	1 1/8 Oz.	7	29.50
268	4 1/4 Drs.	1 1/8 Oz.	8	29.50
321	4 1/2 Drs.	1 1/4 Oz.	1	31.00
322	4 1/2 Drs.	1 1/4 Oz.	2	31.00
352	4 1/2 Drs.	1 1/4 Oz.	BB	33.00
03B	4 1/2 Drs.	1 1/2 Oz.	3 Buck	32.00

12 Gauge.

103	3 Drs.	1 Oz.	3	\$25.00
104	3 Drs.	1 Oz.	4	25.00
105	3 Drs.	1 Oz.	5	25.00
106	3 Drs.	1 Oz.	6	25.00
107	3 Drs.	1 Oz.	7	25.00
108	3 Drs.	1 Oz.	8	25.00
109	3 Drs.	1 Oz.	9	25.00
110	3 Drs.	1 Oz.	10	25.00
111	1 3/4 Drs.	3/4 Oz.	11	25.00
112	1 3/4 Drs.	3/4 Oz.	12	25.00
122	3 1/4 Drs.	1 1/8 Oz.	2	26.50
123	3 1/4 Drs.	1 1/8 Oz.	3	26.50
124	3 1/4 Drs.	1 1/8 Oz.	4	26.50
125	3 1/4 Drs.	1 1/8 Oz.	5	26.50
126	3 1/4 Drs.	1 1/8 Oz.	6	26.50
127	3 1/4 Drs.	1 1/8 Oz.	7	26.50
128	3 1/4 Drs.	1 1/8 Oz.	8	26.50
132	3 1/2 Drs.	1 1/2 Oz.	2	27.00
133	3 1/2 Drs.	1 1/2 Oz.	3	27.00
134	3 1/2 Drs.	1 1/2 Oz.	4	27.00
135	3 1/2 Drs.	1 1/2 Oz.	5	27.00
136	3 1/2 Drs.	1 1/2 Oz.	6	27.00
151	3 3/4 Drs.	1 3/4 Oz.	1	27.50
152	3 3/4 Drs.	1 3/4 Oz.	2	27.50
153	3 3/4 Drs.	1 3/4 Oz.	3	27.50
154	3 3/4 Drs.	1 3/4 Oz.	4	27.50
191	3 3/4 Drs.	1 3/4 Oz.	BB	29.50
33B	3 1/2 Drs.	1 1/2 Oz.	3 Buck	29.00
44B	3 1/2 Drs.	1 Oz.	4 Buck	28.00
55B	3 1/2 Drs.	1 Oz.	5 Buck	28.00

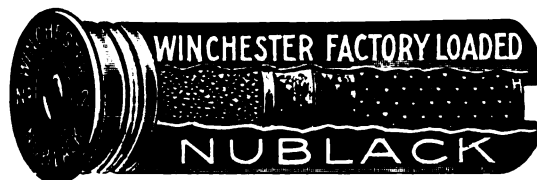
16 Gauge.

583	2 3/4 Drs.	1 Oz.	3	\$26.00
584	2 3/4 Drs.	1 Oz.	4	26.00
585	2 3/4 Drs.	1 Oz.	5	26.00
586	2 3/4 Drs.	1 Oz.	6	26.00
587	2 3/4 Drs.	1 Oz.	7	26.00
588	2 3/4 Drs.	1 Oz.	8	26.00
164B	2 3/4 Drs.	3/4 Oz.	3 Buck	27.00
BB16	3 Drs.	1 Oz.	BB	28.50

28 Gauge.

2805	1 3/4 Drs.	5/8 Oz.	5	\$22.50
2806	1 3/4 Drs.	5/8 Oz.	6	22.50
2807	1 3/4 Drs.	5/8 Oz.	7	22.50

We Carry the
Largest
Assortment of
Loaded Shells
in the
Northwest.



WINCHESTER NUBLACK.

10 Gauge.

Number	Quantity of Powder	Quantity of Shot	Size of Shot	Per 1000
1283	4 1/2 Drs.	1 1/2 Oz.	3	\$30.00
1284	4 1/2 Drs.	1 1/2 Oz.	4	30.00
1285	4 1/2 Drs.	1 1/2 Oz.	5	30.00
1286	4 1/2 Drs.	1 1/2 Oz.	6	30.00

12 Gauge.

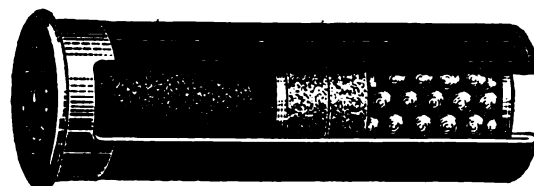
1103	3 Drs.	1 Oz.	3	\$25.00
1104	3 Drs.	1 Oz.	4	25.00
1105	3 Drs.	1 Oz.	5	25.00
1106	3 Drs.	1 Oz.	6	25.00
1107	3 Drs.	1 Oz.	7	25.00
1108	3 Drs.	1 Oz.	8	25.00
1109	3 Drs.	1 Oz.	9	25.00
1110	3 Drs.	1 Oz.	10	25.00
1123	3 1/4 Drs.	1 1/8 Oz.	3	26.50
1124	3 1/4 Drs.	1 1/8 Oz.	4	26.50
1125	3 1/4 Drs.	1 1/8 Oz.	5	26.50
1126	3 1/4 Drs.	1 1/8 Oz.	6	26.50
1127	3 1/4 Drs.	1 1/8 Oz.	7	26.50
1128	3 1/4 Drs.	1 1/8 Oz.	8	26.50
1132	3 1/2 Drs.	1 1/2 Oz.	2	27.00
1133	3 1/2 Drs.	1 1/2 Oz.	3	27.00
1134	3 1/2 Drs.	1 1/2 Oz.	4	27.00
1135	3 1/2 Drs.	1 1/2 Oz.	5	27.00
1136	3 1/2 Drs.	1 1/2 Oz.	6	27.00
1151	3 3/4 Drs.	1 3/4 Oz.	1	27.50
1152	3 3/4 Drs.	1 3/4 Oz.	2	27.50
1153	3 3/4 Drs.	1 3/4 Oz.	3	27.50
1154	3 3/4 Drs.	1 3/4 Oz.	4	27.50
1191	3 3/4 Drs.	1 3/4 Oz.	BB	29.50
BK312	3 1/2 Drs.	1 1/2 Oz.	3 Buck	29.00
BK412	3 1/2 Drs.	1 Oz.	4 Buck	28.00

16 Gauge.

1582	2 3/4 Drs.	1 Oz.	2	\$26.00
1583	2 3/4 Drs.	1 Oz.	3	26.00
1584	2 3/4 Drs.	1 Oz.	4	26.00
1585	2 3/4 Drs.	1 Oz.	5	26.00
1586	2 3/4 Drs.	1 Oz.	6	26.00
1587	2 3/4 Drs.	1 Oz.	7	26.00
1588	2 3/4 Drs.	1 Oz.	8	26.00
1163B	2 3/4 Drs.	3/4 Oz.	3 Buck	27.00

20 Gauge.

1204	2 1/4 Drs.	3/4 Oz.	4	\$24.50
1205	2 1/4 Drs.	3/4 Oz.	5	24.50
1206	2 1/4 Drs.	3/4 Oz.	6	24.50
1207	2 1/4 Drs.	3/4 Oz.	7	24.50
1208	2 1/4 Drs.	3/4 Oz.	8	24.50

U. S. ROMAX.
LOADED WITH BLACK POWDER.

12 Gauge, Romax, Loaded with Black Powder.

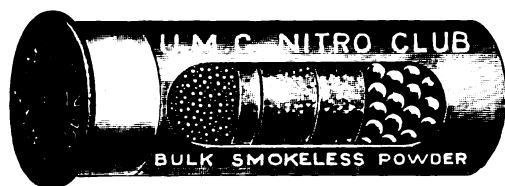
3BUS	3 1/4 Drs.	1 1/4 Oz.	3	\$26.50
4BUS	3 1/4 Drs.	1 1/4 Oz.	4	26.50
5BUS	3 1/4 Drs.	1 1/4 Oz.	5	26.50
6BUS	3 1/4 Drs.	1 1/4 Oz.	6	26.50
7BUS	3 1/4 Drs.	1 1/4 Oz.	7	26.50

WRITE FOR OUR LOADED SHELL LIST.

U. M. C. SMOKELESS POWDER LOADED SHELLS

LOADED WITH BALLISTITE DENSE OR DUPONT AND DEAD SHOT BULK SMOKELESS POWDER

"U. M. C. NITRO CLUB" STEEL LINED.



10 Gauge, Drop Shot.

Number	Quantity of Powder	Quantity of Shot	Size of Shot	Per 1000
X210	3 1/2 Drs.	1 1/4 Oz.	2	\$48.50
X810	3 1/2 Drs.	1 1/4 Oz.	3	48.50
X410	3 1/2 Drs.	1 1/4 Oz.	4	48.50
X510	3 1/2 Drs.	1 1/4 Oz.	5	48.50
X610	3 1/2 Drs.	1 1/4 Oz.	6	48.50
X710	3 1/2 Drs.	1 1/4 Oz.	7	48.50
X810	3 1/2 Drs.	1 1/4 Oz.	8	48.50
XBB10	3 1/2 Drs.	1 1/4 Oz.	BB	46.00

12 Gauge, Drop Shot.

X412	3 Drs.	1 1/2 Oz.	4	\$37.50
X512	3 Drs.	1 1/2 Oz.	5	37.50
X612	3 Drs.	1 1/2 Oz.	6	37.50
X731 1/2	3 Drs.	1 1/2 Oz.	7	37.50
X831 1/2	3 Drs.	1 1/2 Oz.	8	37.50
X12B	3 Drs.	1 Oz.	Ball	41.50
X1 1/4	3 1/4 Drs.	1 1/2 Oz.	1	38.50
X2 1/4	3 1/4 Drs.	1 1/2 Oz.	2	38.50
X3 1/4	3 1/4 Drs.	1 1/2 Oz.	3	38.50
X4 1/4	3 1/4 Drs.	1 1/2 Oz.	4	38.50
X5 1/4	3 1/4 Drs.	1 1/2 Oz.	5	38.50
X6 1/4	3 1/4 Drs.	1 1/2 Oz.	6	38.50
X7 1/4	3 1/4 Drs.	1 1/2 Oz.	7	38.50
X8 1/4	3 1/4 Drs.	1 1/2 Oz.	8	38.50
XBK4	3 1/4 Drs.	1 Oz.	4 Buck	39.50
XBB12	3 1/4 Drs.	1 1/2 Oz.	BB	41.00
X2814	3 1/2 Drs.	1 Oz.	4	38.00
X2815	3 1/2 Drs.	1 Oz.	5	38.00
X2816	3 1/2 Drs.	1 Oz.	6	38.00
X2817	3 1/2 Drs.	1 Oz.	7	38.00

12 Gauge, Scatter Loads, Drop Shot.

XSR612	3 Drs.	1 1/2 Oz.	6	\$40.00
XSR712	3 Drs.	1 1/2 Oz.	7	40.00
XSR812	3 Drs.	1 1/2 Oz.	8	40.00
XSR912	3 Drs.	1 1/2 Oz.	9	40.00
XSR1012	3 Drs.	1 1/2 Oz.	10	40.00

12 Gauge, Chilled Shot.

X2814C	3 1/2 Drs.	1 Oz.	4 Chilled	\$40.50
X2815C	3 1/2 Drs.	1 Oz.	5 Chilled	40.50
X2816C	3 1/2 Drs.	1 Oz.	6 Chilled	40.50
X2817C	3 1/2 Drs.	1 Oz.	7 Chilled	40.50
X13 1/4 C	3 1/4 Drs.	1 1/2 Oz.	3 Chilled	41.00
X14 1/4 C	3 1/4 Drs.	1 1/2 Oz.	4 Chilled	41.00
X15 1/4 C	3 1/4 Drs.	1 1/2 Oz.	5 Chilled	41.00
X16 1/4 C	3 1/4 Drs.	1 1/2 Oz.	6 Chilled	41.00
X17 1/4 C	3 1/4 Drs.	1 1/2 Oz.	7 Chilled	41.00
X18 1/4 C	3 1/4 Drs.	1 1/2 Oz.	8 Chilled	41.00
X19 1/4 C	3 1/4 Drs.	1 1/2 Oz.	9 Chilled	41.00
X739C	3 Drs.	1 1/2 Oz.	9 Chilled	40.00
X7810C	3 Drs.	1 1/2 Oz.	10 Chilled	40.00

16 Gauge, Chilled Shot.

X316C	2 1/2 Drs.	1 Oz.	3 Chilled	\$37.50
X416C	2 1/2 Drs.	1 Oz.	4 Chilled	37.50
X516C	2 1/2 Drs.	1 Oz.	5 Chilled	37.50
X616C	2 1/2 Drs.	1 Oz.	6 Chilled	37.50
X716C	2 1/2 Drs.	1 Oz.	7 Chilled	37.50
X816C	2 1/2 Drs.	1 Oz.	8 Chilled	37.50
X167 1/2 C	2 1/2 Drs.	1 Oz.	7 1/2 Chilled	37.50

16 Gauge, Drop Shot.

Number	Quantity of Powder	Quantity of Shot	Size of Shot	Per 1000
X316	2 1/2 Drs.	1 Oz.	3	\$35.00
X416	2 1/2 Drs.	1 Oz.	4	35.00
X516	2 1/2 Drs.	1 Oz.	5	35.00
X616	2 1/2 Drs.	1 Oz.	6	35.00
X716	2 1/2 Drs.	7/8 Oz.	7	32.50
X816	2 1/2 Drs.	7/8 Oz.	8	32.50
XBB16	2 1/2 Drs.	1 Oz.	BB	37.50
X163B	2 1/2 Drs.	3/4 Oz.	3 Buck	36.00

16 Gauge, Scatter Load Drop Shot.

XSR616	2 1/2 Drs.	1 Oz.	6	37.50
XSR716	2 1/2 Drs.	1 Oz.	7	37.50
XSR816	2 1/2 Drs.	1 Oz.	8	37.50

20 Gauge, Drop Shot. 2 1/2 inch Shell.

For Winchester, Stevens or Marlin Repeater.

X420	2 1/4 Drs.	7/8 Oz.	4	\$34.50
X520	2 Drs.	3/4 Oz.	5	32.00
X620	2 Drs.	3/4 Oz.	6	32.00
X720	2 Drs.	3/4 Oz.	7	32.00
X820	2 Drs.	3/4 Oz.	8	32.00
X920	2 Drs.	3/4 Oz.	9	32.00
X1020	2 Drs.	3/4 Oz.	10	32.00

20 Gauge, Chilled Shot. 2 1/2 inch Shell.

For Guns as Above.

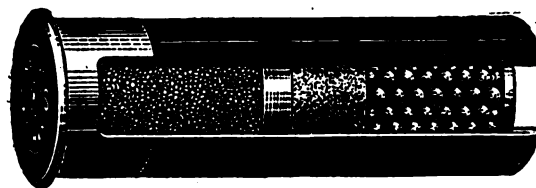
X420C	2 1/4 Drs.	7/8 Oz.	4 Chilled	\$37.00
X520C	2 Drs.	3/4 Oz.	5 Chilled	34.50
X620C	2 Drs.	3/4 Oz.	6 Chilled	34.50
X720C	2 Drs.	3/4 Oz.	7 Chilled	34.50
X7520C	2 1/4 Drs.	7/8 Oz.	7 1/2 Chilled	37.00
X820C	2 Drs.	3/4 Oz.	8 Chilled	34.50

410 Gauge. 2 inch Shells.

Furnished in Dupont Powder Only.

X4104	... Drs.	... Oz.	4	\$24.00
X4105	... Drs.	... Oz.	5	24.00
X4106	... Drs.	... Oz.	5	24.00
X4107	... Drs.	... Oz.	7	24.00
X4108	... Drs.	... Oz.	8	24.00
X4110	... Drs.	... Oz.	10	24.00

U. S. CLIMAX SMOKELESS POWDER LOADED SHELLS



Loaded with Smokeless Powder.

12 Gauge, Drop Shot.

3 1/4 US	3 1/4 Drs.	1 1/2 Oz.	3	\$38.50
4 1/4 US	3 1/4 Drs.	1 1/2 Oz.	4	38.50
5 1/4 US	3 1/4 Drs.	1 1/2 Oz.	5	38.50
6 1/4 US	3 1/4 Drs.	1 1/2 Oz.	6	38.50
7 1/4 US	3 1/4 Drs.	1 1/2 Oz.	7	38.50

12 Gauge, Chilled Shot.

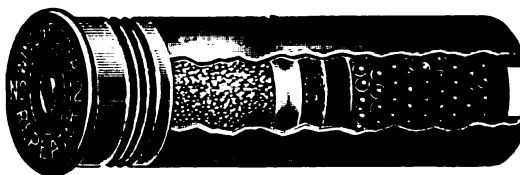
3 1/4 CUS	3 1/4 Drs.	1 1/2 Oz.	3 Chilled	\$41.00
4 1/4 CUS	3 1/4 Drs.	1 1/2 Oz.	4 Chilled	41.00
5 1/4 CUS	3 1/4 Drs.	1 1/2 Oz.	5 Chilled	41.00
6 1/4 CUS	3 1/4 Drs.	1 1/2 Oz.	6 Chilled	41.00
7 1/4 CUS	3 1/4 Drs.	1 1/2 Oz.	7 Chilled	41.00

THE STEEL LINING MEANS STEEL-STRENGTH.

The powder charge in Nitro Club Shells is surrounded by the Steel Lining—a tough band of steel. The powder rests entirely against this steel—not against the paper. No other American shell manufactured supplies this added protection of steel.

WINCHESTER SMOKELESS POWDER LOADED SHELLS

LOADED WITH BALLISTITE DENSE OR DUPONT AND DEAD SHOT BULK SMOKELESS POWDER.



WINCHESTER REPEATER.

10 Gauge, Drop Shot.

Number	Quantity of Powder	Quantity of Shot	Size of Shot	Per 1000
1310	3 1/2 Drs.	1 1/4 Oz.	3	\$48.50
1410	3 1/2 Drs.	1 1/4 Oz.	4	43.50
1510	3 1/2 Drs.	1 1/4 Oz.	5	43.50
1610	3 1/2 Drs.	1 1/4 Oz.	6	43.50
1710	3 1/2 Drs.	1 1/4 Oz.	7	43.50
1810	3 1/2 Drs.	1 1/4 Oz.	8	43.50
14BK	3 1/2 Drs.	1 1/4 Oz.	4 Buck	46.00

12 Gauge, Drop Shot.

814	3 Drs.	1 Oz.	4	\$36.00
315	3 Drs.	1 Oz.	5	36.00
316	3 Drs.	1 Oz.	6	36.00
317	3 Drs.	1 Oz.	7	36.00
318	3 Drs.	1 Oz.	8	36.00
319	3 Drs.	1 Oz.	9	36.00
310	3 Drs.	1 Oz.	10	36.00
1712	2 1/4 Drs.	1 1/2 Oz.	7	36.50
1812	2 1/4 Drs.	1 1/2 Oz.	8	36.50
1112	3 Drs.	1 1/2 Oz.	1	37.50
1212	3 Drs.	1 1/2 Oz.	2	37.50
1312	3 Drs.	1 1/2 Oz.	3	37.50
1412	3 Drs.	1 1/2 Oz.	4	37.50
1512	3 Drs.	1 1/2 Oz.	5	37.50
1612	3 Drs.	1 1/2 Oz.	6	37.50
1731 1/2	3 Drs.	1 1/2 Oz.	7	37.50
1831 1/2	3 Drs.	1 1/2 Oz.	8	37.50
11 1/4	3 1/4 Drs.	1 1/2 Oz.	1	38.50
12 1/4	3 1/4 Drs.	1 1/2 Oz.	2	38.50
13 1/4	3 1/4 Drs.	1 1/2 Oz.	3	38.50
14 1/4	3 1/4 Drs.	1 1/2 Oz.	4	38.50
15 1/4	3 1/4 Drs.	1 1/2 Oz.	5	38.50
16 1/4	3 1/4 Drs.	1 1/2 Oz.	6	38.50
17 1/4	3 1/4 Drs.	1 1/2 Oz.	7	38.50
18 1/4	3 1/4 Drs.	1 1/2 Oz.	8	38.50
19 1/4	3 1/4 Drs.	1 1/2 Oz.	9	38.50
BB12	3 1/4 Drs.	1 1/2 Oz.	BB	41.00
BK124	3 1/4 Drs.	1 Oz.	4 Buck	39.50
BK125	3 1/4 Drs.	1 Oz.	5 Buck	39.50
BK128	3 1/4 Drs.	1 Oz.	8 Buck	39.50
0012	3 1/4 Drs.	1 1/2 Oz.	00	41.00
12814	3 1/2 Drs.	1 Oz.	4	38.00
12815	3 1/2 Drs.	1 Oz.	5	38.00
12816	3 1/2 Drs.	1 Oz.	6	38.00
12817	3 1/2 Drs.	1 Oz.	7	38.00

12 Gauge, Chilled Shot.

1412C	3 Drs.	1 1/2 Oz.	4 Chilled	\$40.00
1512C	3 Drs.	1 1/2 Oz.	5 Chilled	40.00
1612C	3 Drs.	1 1/2 Oz.	6 Chilled	40.00
1712C	3 Drs.	1 1/2 Oz.	7 Chilled	40.00
1812C	3 Drs.	1 1/2 Oz.	8 Chilled	40.00
1912C	3 Drs.	1 1/2 Oz.	9 Chilled	40.00
1012C	3 Drs.	1 1/2 Oz.	10 Chilled	40.00
11 1/4 C	3 1/4 Drs.	1 1/2 Oz.	1 Chilled	41.00
12 1/4 C	3 1/4 Drs.	1 1/2 Oz.	2 Chilled	41.00
13 1/4 C	3 1/4 Drs.	1 1/2 Oz.	3 Chilled	41.00
14 1/4 C	3 1/4 Drs.	1 1/2 Oz.	4 Chilled	41.00
15 1/4 C	3 1/4 Drs.	1 1/2 Oz.	5 Chilled	41.00
16 1/4 C	3 1/4 Drs.	1 1/2 Oz.	6 Chilled	41.00
17 1/4 C	3 1/4 Drs.	1 1/2 Oz.	7 Chilled	41.00
18 1/4 C	3 1/4 Drs.	1 1/2 Oz.	8 Chilled	41.00
19 1/4 C	3 1/4 Drs.	1 1/2 Oz.	9 Chilled	41.00
12R Ball	3 Drs.	1 Oz.	Ball	41.50

12 Gauge, Chilled Shot.

Number	Quantity of Powder	Quantity of Shot	Size of Shot	Per 1000
12814C	3 1/2 Drs.	1 Oz.	4 Chilled	\$40.50
12815C	3 1/2 Drs.	1 Oz.	5 Chilled	40.50
12816C	3 1/2 Drs.	1 Oz.	6 Chilled	40.50
12817C	3 1/2 Drs.	1 Oz.	7 Chilled	40.50

16 Gauge, Drop Shot.

1816	2 1/2 Drs.	1 Oz.	3	\$35.00
1416	2 1/2 Drs.	1 Oz.	4	35.00
1516	2 1/2 Drs.	1 Oz.	5	35.00
1616	2 1/2 Drs.	1 Oz.	6	35.00
1716	2 1/4 Drs.	1 1/2 Oz.	7	32.50
1816	2 1/4 Drs.	1 1/2 Oz.	8	32.50
16R Ball	2 1/2 Drs.	1 1/2 Oz.	Ball	39.00

16 Gauge, Chilled Shot.

1816C	2 1/2 Drs.	1 Oz.	3 Chilled	\$37.50
1416C	2 1/2 Drs.	1 Oz.	4 Chilled	37.50
1516C	2 1/2 Drs.	1 Oz.	5 Chilled	37.50
1616C	2 1/2 Drs.	1 Oz.	6 Chilled	37.50
1716C	2 1/2 Drs.	1 Oz.	7 Chilled	37.50
167 1/2 C	2 1/4 Drs.	1 1/2 Oz.	7 1/2 Chilled	35.00

20 Gauge Drop Shot.

2 1/2 inch Shell.

For Winchester, Marlin and Stevens Repeater.

1420	2 1/4 Drs.	1 1/2 Oz.	4	\$34.50
1520	2 1/4 Drs.	1 1/2 Oz.	5	34.50
1620	2 1/4 Drs.	1 1/2 Oz.	6	34.50
1720	2 1/4 Drs.	1 1/2 Oz.	7	34.50
1820	2 1/4 Drs.	1 1/2 Oz.	8	34.50
20 Ball	2 Drs.	1 1/2 Oz.	Ball	37.50
2008B	2 1/4 Drs.	1 1/2 Oz.	8 Buck	37.00
BB20	2 1/4 Drs.	1 1/2 Oz.	BB	37.00

20 Gauge, Chilled Shot.

2 1/2 inch Shell.

For Repeating Guns as Above.

1420C	2 1/4 Drs.	1 1/2 Oz.	4 Chilled	\$37.00
1520C	2 1/4 Drs.	1 1/2 Oz.	5 Chilled	37.00
1620C	2 1/4 Drs.	1 1/2 Oz.	6 Chilled	37.00
1720C	2 1/4 Drs.	1 1/2 Oz.	7 Chilled	37.00
1820C	2 1/4 Drs.	1 1/2 Oz.	8 Chilled	37.00
207 1/2 C	2 1/4 Drs.	1 1/2 Oz.	7 1/2 Chilled	37.00

28 Gauge, Drop Shot.

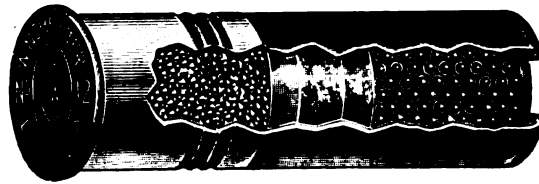
2 1/2 inch Shell.

1428	1 1/4 Drs.	1 1/2 Oz.	4	\$37.00
1528	1 1/4 Drs.	1 1/2 Oz.	5	37.00
1628	1 1/4 Drs.	1 1/2 Oz.	6	37.00
1728	1 1/4 Drs.	1 1/2 Oz.	7	37.00
1828	1 1/4 Drs.	1 1/2 Oz.	8	37.00
287 1/2 C	1 1/4 Drs.	1 1/2 Oz.	7 1/2 Chilled	39.50

IMPORTANT—When ordering Loaded Shells, mention second choice loads and powder, as it may happen that we are out of the load or powder you order, but can furnish you second choice.

LEADER SMOKELESS POWDER LOADED SHELLS

LOADED WITH BALLISTITE DENSE OR DUPONT AND DEAD SHOT BULK SMOKELESS POWDER.



WINCHESTER LEADER.

8 Gauge.

Number	Quantity of Powder	Quantity of Shot	Size of Shot	Per 1000
8BB	5 Drs.	1 1/2 Oz.	BB	\$83.50

10 Gauge, Drop Shot.

0BB4 1/2	4 1/4 Drs.	1 1/2 Oz.	BB	\$64.00
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10 Gauge, Chilled Shot.

014 1/2 C	4 1/4 Drs.	1 1/2 Oz.	1 Chilled	\$64.00
084 1/2 C	4 1/4 Drs.	1 1/2 Oz.	3 Chilled	64.00
044 1/2 C	4 1/4 Drs.	1 1/2 Oz.	4 Chilled	64.00
054 1/2 C	4 1/4 Drs.	1 1/2 Oz.	5 Chilled	64.00
064 1/2 C	4 1/4 Drs.	1 1/2 Oz.	6 Chilled	64.00
074C	3 3/4 Drs.	1 1/2 Oz.	7 Chilled	60.50

12 Gauge, Drop Shot.

L18 1/4	3 1/4 Drs.	1 1/2 Oz.	1	\$49.50
28 1/4	3 1/4 Drs.	1 1/2 Oz.	2	49.50
38 1/4	3 1/4 Drs.	1 1/2 Oz.	3	49.50
48 1/4	3 1/4 Drs.	1 1/2 Oz.	4	49.50
58 1/4	3 1/4 Drs.	1 1/2 Oz.	5	49.50
68 1/4	3 1/4 Drs.	1 1/2 Oz.	6	49.50
78 1/4	3 1/4 Drs.	1 1/2 Oz.	7	49.50
88 1/4	3 1/4 Drs.	1 1/2 Oz.	8	49.50
98 1/4	3 1/4 Drs.	1 1/2 Oz.	9	49.50
BB8 1/4	3 1/4 Drs.	1 1/2 Oz.	BB	52.00
BK8 1/4	3 1/4 Drs.	1 Oz.	4 Buck	50.50
11 1/2	3 1/2 Drs.	1 1/2 Oz.	1	50.50
21 1/2	3 1/2 Drs.	1 1/2 Oz.	2	50.50
31 1/2	3 1/2 Drs.	1 1/2 Oz.	3	50.50
41 1/2	3 1/2 Drs.	1 1/2 Oz.	4	50.50
51 1/2	3 1/2 Drs.	1 1/2 Oz.	5	50.50
61 1/2	3 1/2 Drs.	1 1/2 Oz.	6	50.50
68 1/2	3 1/2 Drs.	1 1/2 Oz.	6	52.00
BB8 1/2	3 1/2 Drs.	1 1/2 Oz.	BB	53.00

12 Gauge, Chilled Shot.

Number	Quantity of Powder	Quantity of Shot	Size of Shot	Per 1000
L1 1/2 C	3 1/4 Drs.	1 1/2 Oz.	1 Chilled	\$52.00
28 1/2 C	3 1/4 Drs.	1 1/2 Oz.	2 Chilled	52.00
38 1/2 C	3 1/4 Drs.	1 1/2 Oz.	3 Chilled	52.00
48 1/2 C	3 1/4 Drs.	1 1/2 Oz.	4 Chilled	52.00
58 1/2 C	3 1/4 Drs.	1 1/2 Oz.	5 Chilled	52.00
68 1/2 C	3 1/4 Drs.	1 1/2 Oz.	6 Chilled	52.00
78 1/2 C	3 1/4 Drs.	1 1/2 Oz.	7 Chilled	52.00
11 1/2 C	3 1/2 Drs.	1 1/2 Oz.	1 Chilled	53.00
21 1/2 C	3 1/2 Drs.	1 1/2 Oz.	2 Chilled	53.00
31 1/2 C	3 1/2 Drs.	1 1/2 Oz.	3 Chilled	53.00
41 1/2 C	3 1/2 Drs.	1 1/2 Oz.	4 Chilled	53.00
51 1/2 C	3 1/2 Drs.	1 1/2 Oz.	5 Chilled	53.00
61 1/2 C	3 1/2 Drs.	1 1/2 Oz.	6 Chilled	53.00
71 1/2 C	3 1/2 Drs.	1 1/2 Oz.	7 Chilled	53.00
48 1/2 C	3 1/2 Drs.	1 1/2 Oz.	4 Chilled	54.50
58 1/2 C	3 1/2 Drs.	1 1/2 Oz.	5 Chilled	54.50
68 1/2 C	3 1/2 Drs.	1 1/2 Oz.	6 Chilled	54.50

16 Gauge, Chilled Shot.

165C	2 3/4 Drs.	1 Oz.	5 Chilled	\$49.50
166C	2 3/4 Drs.	1 Oz.	6 Chilled	49.50
167C	2 3/4 Drs.	1 Oz.	7 Chilled	49.50

20 Gauge, Chilled Shot.

2 1/2 inch Shell.

For Winchester, Marlin and Stevens Repeating Shot Guns.

204C	2 1/4 Drs.	7/8 Oz.	4 Chilled	\$48.00
205C	2 1/4 Drs.	7/8 Oz.	5 Chilled	48.00
206C	2 1/4 Drs.	7/8 Oz.	6 Chilled	48.00
207C	2 1/4 Drs.	7/8 Oz.	7 Chilled	48.00
208C	2 1/4 Drs.	7/8 Oz.	8 Chilled	48.00

"U. M. C. ARROW" STEEL LINED

12 Gauge, Drop Shot.

X11 1/2	3 1/2 Drs.	1 1/2 Oz.	1	\$50.50
X21 1/2	3 1/2 Drs.	1 1/2 Oz.	2	50.50
X81 1/2	3 1/2 Drs.	1 1/2 Oz.	3	50.50
X41 1/2	3 1/2 Drs.	1 1/2 Oz.	4	50.50
X51 1/2	3 1/2 Drs.	1 1/2 Oz.	5	50.50
X61 1/2	3 1/2 Drs.	1 1/2 Oz.	6	50.50
XBB8 1/2	3 1/2 Drs.	1 1/2 Oz.	BB	53.00
XOO8 1/2	3 1/2 Drs.	1 1/2 Oz.	OO	53.00
XBK8 1/2	3 1/4 Drs.	1 Oz.	4 Buck	50.50
X121B	3 Drs.	1 Oz.	Ball	52.50

12 Gauge, Chilled Shot.

X83 1/2 C	3 1/4 Drs.	1 1/2 Oz.	3 Chilled	\$52.00
X48 1/2 C	3 1/4 Drs.	1 1/2 Oz.	4 Chilled	52.00
X58 1/2 C	3 1/4 Drs.	1 1/2 Oz.	5 Chilled	52.00
X68 1/2 C	3 1/4 Drs.	1 1/2 Oz.	6 Chilled	52.00
X78 1/2 C	3 1/4 Drs.	1 1/2 Oz.	7 Chilled	52.00
X11 1/2 C	3 1/2 Drs.	1 1/2 Oz.	1 Chilled	53.00
31 1/2 C	3 1/2 Drs.	1 1/2 Oz.	3 Chilled	53.00
X41 1/2 C	3 1/2 Drs.	1 1/2 Oz.	4 Chilled	53.00
X51 1/2 C	3 1/2 Drs.	1 1/2 Oz.	5 Chilled	53.00
X61 1/2 C	3 1/2 Drs.	1 1/2 Oz.	6 Chilled	53.00
X71 1/2 C	3 1/2 Drs.	1 1/2 Oz.	7 Chilled	53.00

TRAP AND PIGEON LOADS

LOADED WITH BALLISTITE AND L. & R. INFALLIBLE DENSE SMOKELESS POWDERS AND DEAD SHOT, DU PONT, NEW SCHULTZE BULK SMOKELESS POWDERS.

U. M. C. NITRO CLUB, STEEL LINED.

12 Gauge, Chilled Shot.

X7512 1/2 C	3 Drs.	1 1/2 Oz.	7 1/2 Chilled	\$40.00
X7512C	3 Drs.	1 1/2 Oz.	7 1/2 Chilled	41.50
X175 1/2 C	25 Grs.	1 1/2 Oz.	7 1/2 Chilled	42.50
X78 1/2 C	26 Grs.	1 1/2 Oz.	7 1/2 Chilled	42.50
X75 1/2 C	26 Grs.	1 1/2 Oz.	7 1/2 Chilled	41.00

U. M. C. ARROW, STEEL LINED.

12 Gauge, Chilled Shot.

X758 1/2 C	25 Grs.	1 1/2 Oz.	7 1/2 Chilled	\$53.50
X758 1/2 C	3 1/4 Drs.	1 1/2 Oz.	7 1/2 Chilled	53.50
X778 1/2 C	3 1/4 Drs.	1 1/2 Oz.	7 Chilled	53.50
X728 1/2 C	3 1/2 Drs.	1 1/2 Oz.	7 Chilled	54.50

U. S. CLIMAX.

12 Gauge, Chilled Shot.

2475US	3 Drs.	1 1/2 Oz.	7 1/2 Chilled	\$41.50
2575US	25 Grs.	1 1/2 Oz.	7 1/2 Chilled	42.50

WINCHESTER REPEATER.

12 Gauge, Chilled Shot.

17512 1/2 C	3 Drs.	1 1/2 Oz.	7 1/2 Chilled	\$40.00
17512C	3 Drs.	1 1/2 Oz.	7 1/2 Chilled	41.50
17525 1/2 C	25 Grs.	1 1/2 Oz.	7 1/2 Chilled	41.00
1175 1/2 C	25 Grs.	1 1/2 Oz.	7 1/2 Chilled	42.50
1275 1/2 C	26 Grs.	1 1/2 Oz.	7 1/2 Chilled	41.00
1278 1/2 C	26 Grs.	1 1/2 Oz.	7 1/2 Chilled	42.50

WINCHESTER LEADER.

12 Gauge, Chilled Shot.

758 1/2 C	25 Grs.	1 1/2 Oz.	7 1/2 Chilled	\$53.50
758 1/2 C	3 1/4 Drs.	1 1/2 Oz.	7 1/2 Chilled	53.00
778 1/2 C	3 1/4 Drs.	1 1/2 Oz.	7 Chilled	53.50
728 1/2 C	3 1/2 Drs.	1 1/2 Oz.	7 Chilled	54.50

NOTE—When ordering, mention second choice load, as it may happen that we are out of the load you order, but can furnish you second choice. We always aim to carry a fresh supply of trap loads in stock.

EMPTY PAPER SHOT SHELLS

WINCHESTER

NEW RIVAL



For Black Powder, Olive Green No. 2 Winchester Primer.

Gauge	10	12	16
Length, Inches	2 $\frac{7}{8}$	2 $\frac{5}{8}$	2 $\frac{3}{8}$
Per 100	\$0.90	.80	.75

This Shell is made with a new solid gas-tight, fireproof base, which gives it sufficient strength to withstand heavy charges of black powder.

REPEATER



For Smokeless Powder, Yellow, Corrugated Head, Inside Brass Reinforced, New No. 4 Winchester Primer.

Gauge	10	12	12	16
Length, Inches	2 $\frac{7}{8}$	2 $\frac{5}{8}$	2 $\frac{3}{4}$	2 $\frac{1}{8}$
Per 100	\$1.10	1.00	1.10	.95

LEADER



For Smokeless Powder, Red, Long Brass Head, Reinforced with Short Metal Cup, New No. 4 Winchester Primer.

Gauge	10	12	12	16
Length, Inches	2 $\frac{7}{8}$	2 $\frac{5}{8}$	2 $\frac{3}{4}$	2 $\frac{1}{8}$
Per 100	\$1.45	1.35	1.45	1.35

REMINGTON-U. M. C.

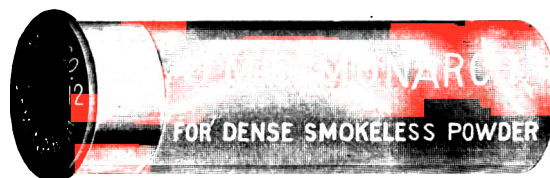
NEW CLUB



For Black Powder, Brown, No. 2 U. M. C. Primer.

Gauge	10	12	16
Length, Inches	2 $\frac{7}{8}$	2 $\frac{5}{8}$	2 $\frac{1}{8}$
Per 100	\$0.90	.80	.75

MONARCH (HIGH BASE)



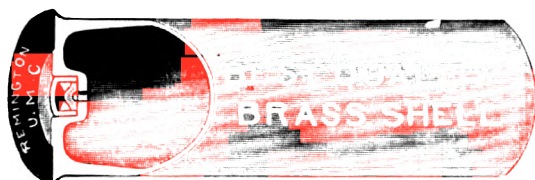
For Dense Smokeless Powder, Yellow, Long Head, No. 33 U. M. C. Primer with Battery Cup.

Gauge	10	12	12
Length, Inches	2 $\frac{7}{8}$	2 $\frac{5}{8}$	2 $\frac{3}{4}$
Per 100	\$1.10	1.00	1.10

All Above, One Hundred in a Box.

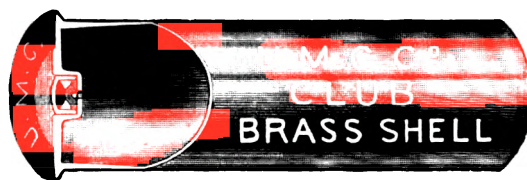
BRASS SHOT SHELLS

REMINGTON-U. M. C.



BEST QUALITY—Using No. 2 Remington-U. M. C. Primer.

Gauge	10	12	16	20
Length, Inches	2 $\frac{7}{8}$	2 $\frac{5}{8}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$
Per 100	\$10.50	10.00	10.00	10.00

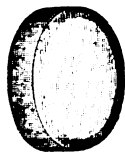


CLUB—Using No. 2 Remington-U. M. C. Primer.

Gauge	10	12
Length, Inches	2 $\frac{7}{8}$	2 $\frac{5}{8}$
Per 100	\$8.00	8.00

For Black Powder. Twenty-five in a Box, One Thousand in a Case.

GUN WADS

REMINGTON-U. M. C.
BLACK EDGE, REGULAR

Made from Superior Quality Chemically Prepared Elastic Felt,
Uniform in Gauge and Thickness, Thoroughly Lubricated.

Nos.	8	9	10	11	12	16	20
Per 1000	\$2.40	2.00	2.00	1.75	1.75	1.75	1.75

Two Hundred Fifty in a Box, One Thousand in a Package.

BLACK EDGE, 1/4 INCH

Nos.	10	11	12	16
Per 1000	\$3.00	2.40	2.40	2.40

One Hundred Twenty-five in a Box, Five Hundred in
a Package.

BLACK EDGE, 3/8 INCH

Nos.	10	11	12	16
Per 1000	\$4.75	4.35	4.35	4.35

One Hundred Twenty-five in a Box, Five Hundred in
a Package.

PINK EDGE, REGULAR



Made from Finest Felt, Thoroughly Lubricated, Uniform in
Gauge and Thickness.

Nos.	10	11	12
Per 1000	\$3.75	3.00	3.00

Two Hundred Fifty in a Box, Five Hundred in a Package.

TRAP



Unlubricated, Made of Elastic Felt, for Use Next to Smokeless
Powder.

Nos.	10	11	12
Per 1000	\$4.00	3.20	3.20

Two Hundred Fifty in a Box, One Thousand in a Package.

WINCHESTER NITRO CARD



For Loading Next to Smokeless Powder, to Improve
Penetration.

Nos.	10	11	12
Per 1000	\$0.80	.25	.25

Two Hundred Fifty in a Box, One Thousand in a Package.

REMINGTON-U. M. C.
GREASE PROOF CARD

For Use Over Smokeless Powder, Prevents Grease from Felt
Wad Coming in Contact with Powder.

Nos.	10	11	12
Per 1000	\$0.50	.40	.40

Two Hundred Fifty in a Box, One Thousand in a Package.

SMOKELESS CARD



For Use Over Powder.

Nos.	10	11	12
Per 1000	\$0.30	.25	.25

Two Hundred Fifty in a Box, One Thousand in a Package.

CARDBOARD



"A" 72/1000 inch Thick.
For Over Powder.

"B" 40/1000 inch Thick.
For Over Shot.

Nos.	10	11	12	16	20
A Thick Per 1000,	\$0.30	.25	.25	.25	.25
B Thick Per 1000,	.30	.25	.25	.25	.25

Two Hundred Fifty in a Box, One Thousand in a Package.

PRINTED CARDBOARD



Printed on Both Sides.

B Thickness, for 12 Gauge Paper Shells, Nos. 1 to 8 and B. B. Shot.....	Per 1000 \$0.35
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Two Hundred Fifty in a Box, One Thousand in a Package.

GUN CAPS



G. D.



F. L.



E. B.



Musket.

Goldmark's G. D.—Plain	Per 1000 \$1.00
Goldmark's F. L.—Foil Lined, Trimmed Edge, Water- proof, Nos. 9, 10, 11 and 12.....	1.20
Goldmark's E. B.—Ground Edge, Waterproof, Nos. 9, 10, 11 and 12.....	1.60
U. S. Army Musket—Waterproof.....	1.80

PRIMERS

Full Size Cuts.

WINCHESTER

No. 1—Copper, 250 in a Box.....**\$3.00**
 No. 1—Copper, 100 in a Box.....**3.25**
 Adapted to .22 S. S., .22, .32 and .38 Extra Long, .25-20 Model 1892, .25-20 Marlin, .32, .38 and .44 Winchester, .32, .38 and .44 C. L. M. R., .32-20, .38-40, .45-70 and .55-85 Marlin, .44 Evans' Old and New, .25-25 Stevens', .44-60 Winchester.

No. 1W—Copper, 100 in a Box.....**\$3.25**
 Adapted to .25 S. S., .25-20 Model 1892, .25-20 Marlin, .32, .38 and .44 Winchester Smokeless Powder Cartridges.

No. 1½—Copper, 250 in a Box.....**\$3.00**
 Same Size as No. 1, but Thinner Metal and More Sensitive. Adapted to .32 S. & W., .32 Colt, .32 Long, .32 Short, .38 Long Colt D. A., .38 S. & W., .41 Short Colt, D. A., .41 Long Colt, D. A.

No. 1½W—Copper, 100 in a Box.....**\$3.25**
 Adapted to .32 Colt, .32 S. & W., .38 Long and .41 Long Colt Smokeless Cartridges, as Made by the Winchester Repeating Arms Co.

No. 2—Copper, 250 in a Box.....**\$3.00**
 No. 2—Copper, 100 in a Box.....**3.25**
 Adapted to .41 Single Action, .44 Bull Dog, .44 Webley, .44 S. & W. Russian, .44 S. & W. American, .44 Colt, .45 Colt Army, .45 Webley, .45 S. & W., .50 Pistol, New Rival Paper and Brass Shot Shells, and First Quality Brass Shot Shells.

No. 2½—Brass, 250 in a Box.....**\$3.00**
 Same Size as No. 2, but Thicker Metal and Less Sensitive. Adapted to Military and Sporting Cartridges and 25-20 S. S. and .44 Long.

No. 2½W—Brass, 100 in a Box.....**\$3.25**
 Adapted to Smokeless Military and Sporting Cartridges as Made by Winchester Repeating Arms Co.

No. 3W—Copper, 100 in a Box.....**\$3.25**
 Adapted to Blue Rival Paper Shot Shells.

New No. 4—Copper, 100 in a Box.....**\$3.25**
 Adapted to Winchester "Leader," "Repeater," "Metal Lined," and "Pigeon" Shells, for Smokeless Powder.

No. 5—Brass and Copper, 100 in a Box.....**\$3.25**
 Adapted to .25-35 and .30 Winchester Smokeless Cartridges.

No. 6—Copper, 100 in a Box.....**\$3.25**
 Adapted to Winchester Repeater Paper Shot Shells.

Berdan, No. 1—For .43 Egyptian Cartridges, 250 in a Box.....**\$3.00**

All Above Primers, One Thousand in a Package.

REMINGTON-U. M. C.

No. 0—Copper, 250 in a Box.....**\$3.00**
 Adapted to .32, .38 and .44 S. & W. American Model Pistol Cartridges, .32 Short and Long Colt, .32 Long Rifle, .38 Short, .41 Short, Single and Double Action and .41 Long Double Action.

No. 1—Copper, 250 in a Box.....**\$3.00**
 Adapted to .22 Extra Long, .22 W. C. F., .25-20-86, .32 C. L. M. R., .32-20 Marlin, .32-20 Winchester, .38 Long Colt D. A., .38 C. L. M. R., .38-40 Marlin, .38-40 Winchester, .38 Extra Long, .44 Extra Long and .44 Extra Long Ballard, .44 C. L. M. R., .44-40 Marlin, .44-40 Winchester, .44 Evans' Old Model, .44 Webley, .44 Bull Dog, .45 Webley, .45 S. & W.

No. 1½—Brass, 250 in a Box.....**\$3.00**
 Adapted to .25-20 Marlin, .32 Extra Long Ballard, .25-25 Stevens, .32-40 and .38-55 Marlin, .40-70, .40-85 and .40-60 Ballard, .40-60 Winchester, .40-60 Marlin and Colt, .45-70 Marlin, .45-85 Marlin and Colt.

No. 2—Copper, 250 in a Box.....**\$3.00**
 No. 2—Copper, 100 in a Box.....**3.25**
 Adapted to .44 S. & W. Russian Model, .44 Colt Old Model, .45 Colt, Union Paper Shot Shells, and Club Brass Shot Shells.

No. 2½—Brass, 250 in a Box.....**\$3.00**
 Same Size as No. 2, but Thicker Metal and Less Sensitive. Adapted to Military and Sporting Cartridges and .44 Evans' New Model.

No. 33—Copper, 100 in a Box.....**\$3.25**
 Adapted to U. M. C. Challenge, Monarch, Magic, Expert, Nitro-Club, Arrow and Trap Paper Shot Shells.

No. 5—Copper, 100 in a Box.....**\$3.25**
 Adapted to U. M. C. Challenge Paper Shells, as Formerly Made without Battery Cup.

No. 6—Copper, 100 in a Box.....**\$3.25**
 Adapted to U. M. C. .22 Winchester Single Shot Smokeless, .32 and .38 S. & W. Smokeless, .32 Long Colt Smokeless, .38 Long Colt Smokeless and .41 Long Colt Smokeless Cartridges.

No. 6½—Brass, 100 in a Box.....**\$3.25**
 Adapted to .25-36 and .30-30 Marlin Smokeless Cartridges.

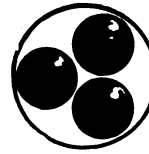
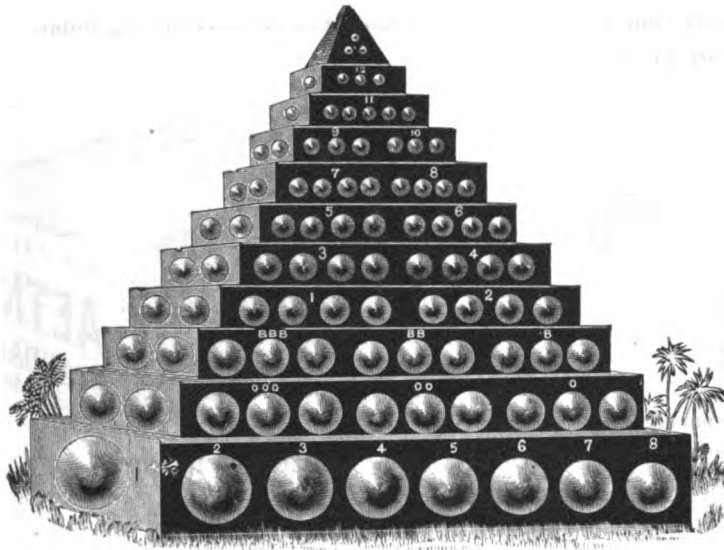
No. 7—Copper, 100 in a Box.....**\$3.25**
 Adapted to U. M. C., .38-56, .40-65, .40-82, .45-90 and .45-70 Winchester and Marlin Smokeless Powder Cartridges.

No. 7½—Brass, 100 in a Box.....**\$3.25**
 Same Size as Nos. 2 and 2½, and Adapted to the Same Cartridges as No. 2½ Smokeless Powder.

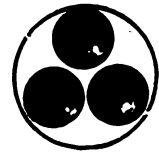
No. 8½—Brass, 250 in a Box.....**\$3.00**
 Adapted to .30 Caliber Government and .30 Caliber Savage Mushroom or Metal Cased Bullets as Made by U. M. C. Co.

Per 1000

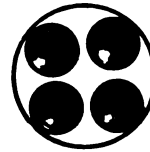
SHOT



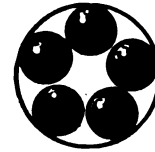
No. 3.



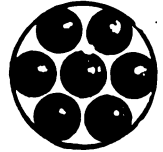
No. 4.



No. 5 or 6.



No. 7.



No. 8 or 9.

Above illustrations are exact size of a layer of Buckshot in a 12 Gauge Shell, showing how they chamber at the muzzle of the gun.

	Air Rifle																			
Drop, Nos.	000	00	0	BBB	BB	BB	B	1	2	3	4	5	6	7	8	9	10			
Pellets to Ounce.....	27	31	35	41	49	49	58	69	82	98	125	157	209	275	385	560	842			
Chilled, Nos.											1	2	3	4	5	6	7	7½	8	
Pellets to Ounce.....											75	90	126	130	163	214	282	345	395	
Buck, Nos.											1	2	3	4	5	6	7	8		
Diameter, Inch.....											38/100	36/100	34/100	32/100	30/100	29/100	28/100	26/100		
Pellets to Pound.....											85	100	113	130	140	166	200	232		

In 25 Pound Bags.

		Per Bag
Drop Shot—Nos. 10 to 1, 25 Lbs. in a Bag.....	Base Price, \$.....	
Drop Shot—Nos. B to 000, 25 Lbs. in a Bag.....	Net Advance Over Base,	
Drop Shot—No. B. B., for Air Rifles, 25 Lbs. in a Bag.....	Net Advance Over Base,	
Buck Shot—Nos. 1 to 8, 25 Lbs. in a Bag.....	Net Advance Over Base,	
Chilled Shot—Nos. 8 to 3, 25 Lbs. in a Bag.....	Net Advance Over Base,	

In 5 Pound Bags.

	Per Bag
Drop Shot—Nos. 10 to 1, 5 Lbs. in a Bag.....	\$.....
Drop Shot—Nos. 0, 00, 000, 5 Lbs. in a Bag.....	
Drop Shot—No. B. B., for Air Rifles, 5 Lbs. to a Bag.....	
Buck Shot—Nos. 1 to 8, 5 Lbs. in a Bag.....	
Chilled Shot—Nos. 8 to 3, 5 Lbs. in a Bag.....	

The price of Shot fluctuates to such an extent that we print no list, but we will be pleased to quote prices on application. Mail orders filled at prices ruling on date order is received.

BOY SCOUT AIR RIFLE SHOT



Per Dozen Tubes
Boy Scout—In Tubes of Over 250 Pellets, Weighing Approximately 5 Oz.,
24 Tubes in a Box.....\$1.00

Per Case
In Case Lots, 100 Tubes in a Case, Weight Per Case 34 Lbs.....\$7.00

Tatham's Air Rifle Shot is the recognized standard of the world. It is of uniform size and absolutely round.

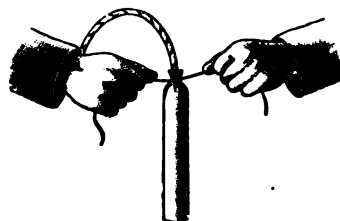
It has been used for many years and its volume of sale throughout the world is probably larger than the combined sales of all other so-called makes of Air Rifle Shot.

The new tube in which it is marketed is specially designed for Tatham Air Rifle Shot.

The unique opening band is intended to prevent waste of the shot, and is a feature which must appeal to every user of an Air Rifle.

DYNAMITE

Dynamite and Dynamite Caps are not Carried in Stock, but are Shipped Direct from Nearest Distributing Point.
DUPONT OR AETNA BRAND



Showing Method of Preparing a Cartridge.

DUPONT RED CROSS LOW FREEZING "STRAIGHT" OR AETNA LOW FREEZING STRAIGHT

Standard Size of Cartridge $1\frac{1}{4} \times 8$ inches.

Nitro-Glycerine, Per Cent.....	30	40	50	60
Per 100 Pounds.....	\$.....	.....	.....	.....

DUPONT RED CROSS LOW FREEZING "EXTRA" OR AETNA STANDARD LOW FREEZING

Standard Size of Cartridge $1\frac{1}{4} \times 8$ inches.

Ammonia, Per Cent.....	30	40	50	60
Per 100 Pounds.....	\$.....	.....	.....	.....

FARM DYNAMITE

For Sub-Solling, Tree Planting and Other Agricultural
Blasting.

Dupont or Aetna.....	Per 100 Pounds
.....	\$.....

STUMP DYNAMITE

To Meet Conditions where Explosive Especially Adapted to
Stumps is Needed.

Dupont or Aetna.....	Per 100 Pounds
.....	\$.....

In Cases of 25 and 50 Pounds.

Note—Dynamite and Powder can be shipped together, but under no circumstances can they be shipped with Dynamite Caps or any other goods.

Dynamite and Powder cannot be shipped by express or boat. Dynamite takes Double First Class Rates. Dynamite in lots of 200 pounds and over will be shipped freight prepaid; less than 200 pounds F. O. B. nearest distributing point.

NOTE—All Dynamite Shipped from Nearest Distributing Point.

SAFETY FUSE



	Per 1000 Feet in Case Lots	Per 1000 Feet in Less Case Lots of 1000 Feet
Cotton—For Use in Dry Ground, Pliable.....	\$4.95	5.50
Single Tape—For Use in Damp Work.....	5.50	6.10
Beaver Brand—Hard Finished, for Use in Damp Work.....	5.30	5.90
Anchor Brand Double Tape—For Use in Wet Work.....	6.50	7.25
Triple Tape—For Use in Very Wet Work where Exposed to Rough Treatment.....	8.15	9.00
Gutta Percha—For Use in Very Wet Work, not Protected by Tape.....	8.00	8.80

All Fuse is Coiled in 50 Foot Lengths, Neatly Wrapped in Packages of 100 Feet Each.
All Safety Fuse 1000 Feet in a Case.

DYNAMITE CAPS



CAP CRIMPER



No. XXXXXX— $1\frac{1}{2}$ inches Long.....	Per 1000	No. 1— $5\frac{3}{4}$ inches Long, Steel, Nickel Plated.....	Per Dozen
One Hundred in a Metal Box.....	\$.....	.....	\$6.00

Note—Dynamite Caps cannot be shipped with Dynamite or Powder, nor with other goods, but must be shipped alone by freight.
Dynamite Caps take Double First Class Rates in lots less than 100 pounds.

SHOT GUN POWDER

DUPONT SMOKELESS



Powder not Carried in Stock.

Powder Cannot be Shipped by Boat
or Express, but Must go by Freight.
Cannot be Packed with Other Goods.

Shipped from Nearest Distributing
Point.

DEAD SHOT SMOKELESS



Smokeless Powder is in All Cases Sold in Bulk, and not by Weight.

	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder.....	\$.....
½ Kegs—Equal in Bulk to 12 ½ Lbs. Black Powder..
¼ Kegs—Equal in Bulk to 6 ¼ Lbs. Black Powder..
Canisters—Equal in Bulk to 1 Lb. Black Powder.....

	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder.....	\$.....
½ Kegs—Equal in Bulk to 12 ½ Lbs. Black Powder..
¼ Kegs—Equal in Bulk to 6 ¼ Lbs. Black Powder..
Canisters—Equal in Bulk to 1 Lb. Black Powder.....

BALLISTITE SMOKELESS



	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder.....	\$.....
½ Kegs—Equal in Bulk to 12 ½ Lbs. Black Powder..
¼ Kegs—Equal in Bulk to 6 ¼ Lbs. Black Powder..
10 Lb. Drums.....
Canisters—Equal in Bulk to 1 Lb. Black Powder.....

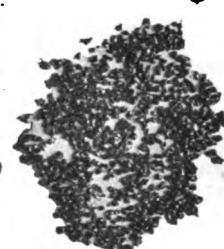
BLACK SPORTING



FG



FFG



FFFG

For Shot Guns, Rifles and Revolvers.

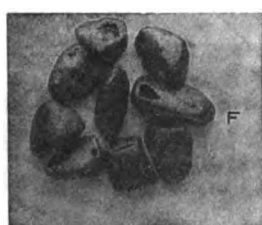
	Each
Kegs—25 Lbs. (FG, FFG, FFFG).....	\$.....
½ Kegs—12 ½ Lbs. (FG, FFG, FFFG).....
¼ Kegs—6 ¼ Lbs. (FG, FFG, FFFG).....
1 Lb. Cans (FG, FFG, FFFG).....
½ Lb. Cans (FG, FFG, FFFG).....

BLASTING POWDER

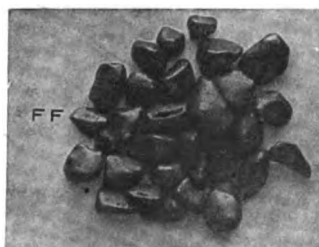
Blasting Powder Cannot be Packed with Other Goods, Nor can it be Shipped by Boat or Express, but Must be Shipped by Freight.



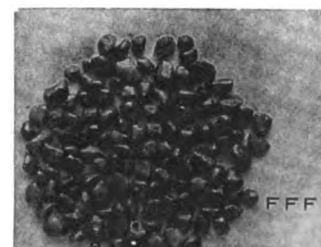
C.



F.



FF.



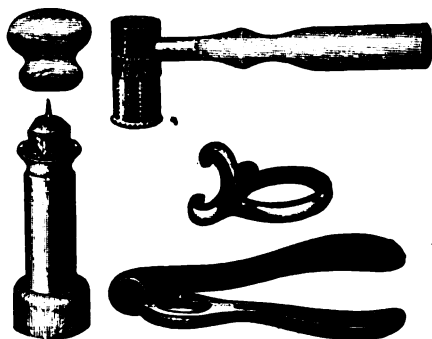
FFF.

	Each
Blasting Powder—In 25 Lb. Metal Kegs (C, F, FF, FFF).....	\$.....

NOTE—Shipped from Nearest Distributing Point.

LOADING IMPLEMENTS

FOUR PIECE SET



For Brass and Paper Shot Shells.

Set Contains One Each, Loader, Recapper, Shell Extractor, Powder and Shot Measure.

Nos.	1590	1592	1596	1520
Gauge Nos.	10	12	16	20
Per Dozen Sets.....	\$6.00	6.00	6.00	6.00

One Set in a Box.

SIX PIECE SET

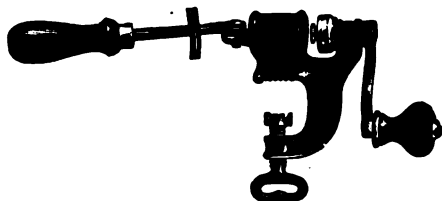


For Brass and Paper Shot Shells.

Set Contains One Each, Loader, Bench Closer, Recapper, Shell Extractor, Powder and Shot Measure, and Jointed Cleaning Rod with Implements.

Nos.	1610	1612	1616
Gauge Nos.	10	12	16
Per Dozen Sets.....	\$18.46	18.46	18.46

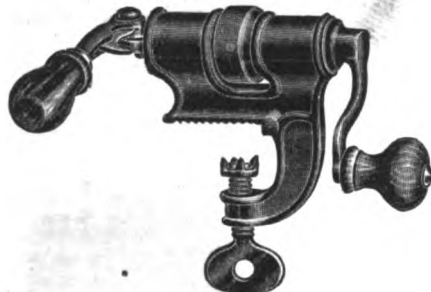
BENCH CLOSERS



Black Japanned Iron, Case Hardened Lever, Brass Cup, Producing Perfect Square Crimp.

Nos.	10	12	16
Gauge Nos.	10	12	16
Per Dozen \$8.00	8.00	8.00	

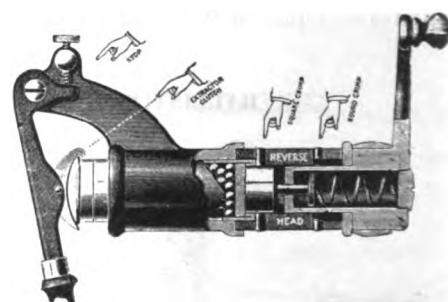
One in a Box.



No. 4—Handy, Hardened Steel Cups and Pins, 10, 12 and 16 Gauge\$36.00

Will crimp every shell alike, has an automatic follower and burnisher, giving uniform pressure on the wads.

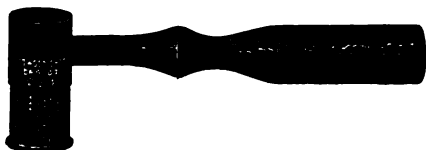
One in a Box.



No. 1902—Malleable Iron, Japanned, Cocobolo Handle, Nickel Plated Cylinder, Spring Plunger, Adjustable Stop, Automatic Extraction, Reversible Steel Crimping Head, for Square or Round Crimp, 10, 12 and 16 Gauge\$42.00

One in a Box.

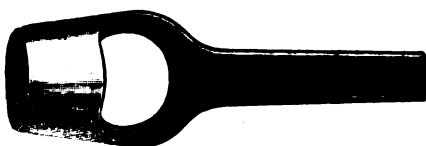
POWDER AND SHOT MEASURE



No. 20R—Birch Rammer Handle, Frosted Nickel Finish Metal Cup, Graduated for 2½ to 4¾ Drums Powder, and 1 to 2½ Oz. Shot.....\$2.46

One Dozen in a Box.

WAD CUTTERS



No. 199—Best Steel, Finely Finished, Sharp Ground Cutters.

	Per Dozen
10, 11, 12, 13, 14, 15, 16 and 18 Gauge	\$3.00
8 and 9 Gauge.....	4.00

RECAPPERS



No. 1180B—Black Japanned Iron, 10, 12 and 16 Gauge.....\$1.34

One Dozen in a Box.

SHELL EXTRACTORS



Iron, Nickel Plated.

Nos.	X10	X12	X16
Gauge Nos.	10	12	16
Per Dozen \$0.80	.80	.80	

One Dozen in a Box.

BROKEN SHELL EXTRACTORS



Extractor Ready for Use.

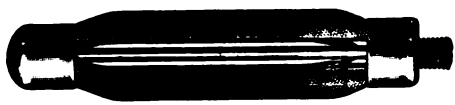


Extractor with Section of Broken Shell.

No. 160—Marble's, Made for All Calibers from .22 Automatic to .45-90 Inclusive (When Ordering State Caliber).....\$9.00
The Marble Extractor slips inside the broken shell, grabs it by the nose and one motion of the lever throws out extractor and the broken section.

CLEANING IMPLEMENTS

SHOT GUN CLEANERS



Per Dozen
No. 20—Tomlinson, Brass Wire Gauze, Wrapped Over Wood, 10, 12, 16, 20 and 28 Gauge. \$5.00
 Per Dozen Pairs
Extra Brass Wire Pads \$1.00
 Adjustable to all cleaning rods and field cleaners. Removes all lead, rust spots and foreign matter from breech to muzzle.

One Dozen in a Carton.



Per Dozen
No. 200 — Criss-Cross, Flexible Brass Wire, Seamless Cylinder with a Brass Spring Inserted, Brass Cups, 12 and 16 Gauge \$9.00
 Adjustable to all cleaning rods. Cleans all foreign matter from the barrels and leaves them in a highly polished condition.

One in a Box.



Marble's, Made to Fit All Standard Rods,

Nos.	135	136	137	138	139
Ga. Nos.	10	12	16	20	28
Per Doz.	\$9.00	9.00	9.00	9.00	9.00

Guaranteed not to injure the bore. The brushes are composed of 12 washers of softest brass gauze, separated by wood fibre washers. Spring tempered spiral steel core.

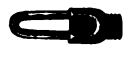
One-half Dozen in a Box.



No. 1.



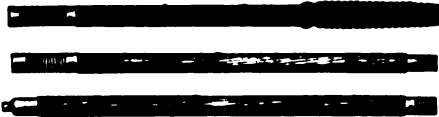
No. 2.



No. 3.

Per Dozen
No. 1—Wool Swabs, 10, 12 and 20 Gauge. \$1.50
No. 2—Steel Wire Brush, 10, 12, 16 and 20 Gauge. 1.00
No. 3—Wipers, 10, 12, 16 and 20 Gauge. 1.00
 Three Dozen in a Box.

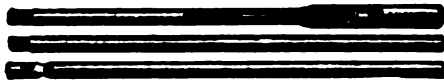
GUN CLEANING RODS



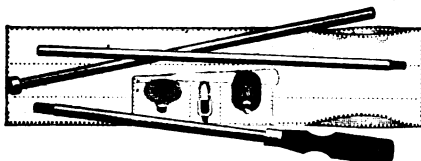
Birch Wood, Three Jointed, Brass Trimmings, with Wool Swab, Wire Scratch Brush and Wiper.

Nos.	9810	9812	9816	9820	9828
Gauge Nos.	10	12	16	20	28
Per Dozen	\$5.00	5.00	5.00	5.00	5.00

Per Dozen
No. 130—410 Gauge, 3 Joints, Each 11 inches Long, 1/8 inch Diameter, Otherwise Same as No. 9810 Series \$9.50
 One Dozen in a Box.



Per Dozen
No. 100—Powers', Three Jointed Seamless Brass Tubing, Highly Polished and Lacquered, with Oiler and Screw Driver in Handle Section, 12 and 20 Gauge, in Cloth Bag. \$30.00
 A handsome, light weight and strong rod. The joints are perfectly smooth, thereby preventing any wearing of the shell chamber, extractor or breech of the barrel.
 One Dozen in a Box.



Per Dozen
No. 9B—Three Jointed, Brass Tubing, with Cocobolo Handle, with Wiper, Red Wool Swab and Wire Scratch Brushes, 12, 16 and 20 Gauge, in Partitioned Canvas Case. \$20.00
 One-half Dozen in a Box.

GUN CLEANING RODS



Per Dozen
No. 1—One Piece Hickory, with Bristle Brush, Length 42 inches, for 12 Gauge Shot Gun. \$2.00

REVOLVER CLEANING RODS



Each
No. 99—Marble's, for 10 inch Barrel, .22 and .32 Calibers, Consists of Two Brass Sections, with Extra Slotted Tip, All Parts Contained in a 3/4 x 5 inch Screw Capped Nickel Plated Brass Handle. \$0.75
 Extra Sections15
 Extra Tips15

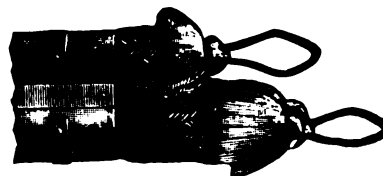
REVOLVER BRUSHES



Removes Rust, Lead, Cakings, Etc.

Per Dozen
No. 508—Twisted Galvanized Wire, Pure Bristle Brush, Ring Handle, for .22, .32 and .38 Caliber. \$1.20

ANTI-RUST ROPES



Per Dozen
No. 600—Marble's, for Shot Guns and Rifles (When Ordering State Caliber or Gauge) \$6.00

When saturated with oil these "ropes" exclude all air and moisture and make it impossible for the barrels to rust or become pitted. They are longer than the barrel and larger than the bore. This insures a constant pressure of oil against the entire circumference of the bore. One oiling will last for years.

One in a Carton; One Dozen Cartons in a Box.

CLEANING IMPLEMENTS

RIFLE CLEANERS



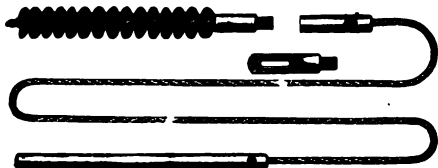
THE SPRING TEMPERED SPIRAL STEEL CORE OF MARBLE'S CLEANERS

Marble's, Made to Fit Any Standard Rod.

Nos.	100	104	108	110	116
Caliber .....	.22	.25	.30	.32	.38
Per Dozen	\$6.00	6.00	6.00	6.00	6.00

Consists of sections of softest brass gauze washers on a spirally bent spring tempered steel wire. The brushes are a little smaller than bore of rifle or revolver. This allows the spiral spring to force but one side of each brush against the bore. Will remove rapidly all lead, copper rust or powder residue.

U. S. GOVERNMENT CLEANER



No. 8—For .22, .25, .30, .32, .38, .40 and .44 Caliber	Per Dozen \$5.00
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Consists of a bristle brush with detachable cord and weight for dropping through barrel, and a slotted wiper for pulling through a dry cloth or for oiling purposes. Nos. 246 and 246B Brushes may be used with this Cleaner.

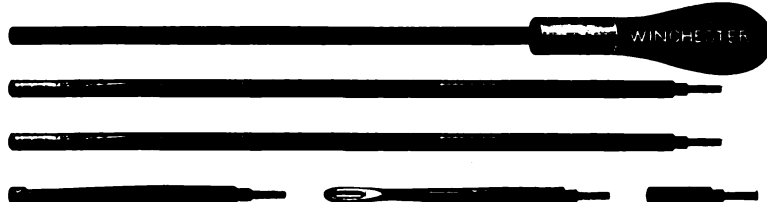
RIFLE BRUSHES



No. 246—Bristle Brush, with Twisted Brass Core and Shank, for .22, .25, .30, .32 and .38 Caliber....	Per Dozen \$1.80
No. 246B—Brass Wire Brush, with Twisted Brass Core and Shank, for .22, .25, .30, .32, .38 and .40 Caliber	2.00

Note—When Ordering State Caliber Wanted.

RIFLE CLEANING RODS

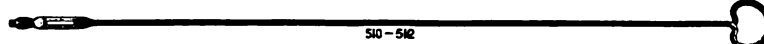


No. 800—Winchester, Three Steel Sections and Three Steel Tips, Wood Handle with Swivel, Joints Have a Long Slow Screw and a Large and Long Dowel Bearing, 44 inches Long with All Joints, Can be Shortened by Omitting a Joint, for Use in Rifles of .30 Caliber or Larger.....	Per Dozen \$18.00
One in a Cloth Bag.	

RIFLE CLEANING RODS



No. 12-R—.22 Caliber, Twisted Coppered Wire, Ring Handle, Twisted Bristle End, Length 27 inches.....	Per Dozen \$0.70
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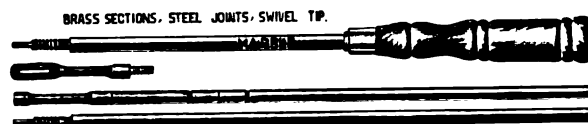


No. 510—.22 Caliber, Coppered, 1/8 inch Diameter, Length 28 inches, One End Flattened and Slotted with Jagged Tip...	Per Dozen \$0.70
No. 512—.32 Caliber, Coppered, 1/8 inch Diameter, Length 30 inches, One End Flattened and Slotted with Jagged Tip...	1.00

No. 518—.22 Caliber, Brass Rod, 1/8 inch Diameter, Length 22 inches, One End Slotted and Notched....	Per Dozen \$4.75
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No. 18—Plain Hickory, with Slot for All Caliber Rifles	Per Dozen \$1.20
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RIFLE CLEANING RODS



Marble's, Three Brass Sections, Two Steel Joints, Swivel Tip. Will not Wobble, Bend or Break at the Joints.

Nos.	9622	9728
Caliber .....	.22 to .25	.28 to .50
Per Dozen	\$12.00	12.00

When screwed together it is to all intents as solid as a one piece rod.

Note—When Ordering State Length of Barrel.



No. 282—Four Brass Joints, Slotted and Jagged Tip, Revolving Cocobolo Handle, Threaded Tip to Take Brass or Bristle Brush, for .22, .25, .30, .32, .38, .40 and .44 Caliber Rifles, in Canvas Bag.....	Per Dozen \$3.50
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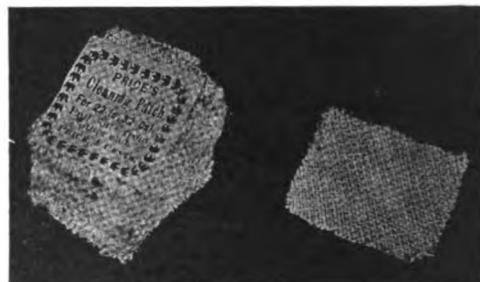
Note—When Ordering Specify Caliber Wanted.



TEXAS RANGER—All Brass Jointed, Reinforced Shoulder and Beveled Fittings in Each Joint, with Swivel Swab Holder, Put up in a Leather Case.

No. 01—.25 Caliber, for .25 Caliber Rifles.....	Per Dozen \$9.00
No. 10—.30 Caliber, for .30-30 and .32 Caliber Rifles..	9.00
No. 11—.351 Caliber, for .35 and .351 Caliber Rifles..	9.00
No. 12—.38 Caliber, for .38 Caliber Rifles.....	9.00

CLOTH PATCHES



No. 50—Made of Heavy Domestic, the Size of a Postage Stamp, for Use with Texas Ranger Rods, 50 Patches in a Package.....	Per Dozen Packages \$0.60
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WINCHESTER RED-W



Per Dozen
No. W—2 Oz. Bottles.....\$1.80

For lubricating the lock mechanism of rifles, shot guns, revolvers, sewing machines, bicycles, typewriters, etc. Will not gum or stick or become rancid under any conditions.

One Dozen in a Box.

GUN OIL
CRYSTAL CLEANER

Per Dozen
No. CC—Winchester Red-W, 2 Oz. Bottles.....\$3.00

Dissolves the copper and nickel fouling in rifles without injury to the barrel. Can be used on the finest finished fire arms without danger of injuring them.

One Dozen in a Box.

REM



Per Dozen
Rem—2 ½ Oz. Bottles.....\$3.00

The perfected combination, lubricating oil, powder solvent and rust preventive. Rem Oil is absolutely clear and colorless which proves its purity. Cannot gum and will not injure the finest fire arm.

One Dozen in a Box.

GUN OIL
NITRO-SOLVENT

Per Dozen
No. 244—2 Oz. Bottles.....\$3.00

Will quickly dissolve the residue of all black and smokeless powders, including cordite. Contains no acid and will not congeal. Positively removes and prevents rust and cuts off dirt and gum. A perfect lubricant for high speed and other machinery, mechanism and vehicles. It will not gum, cleans and polishes all varnished woodwork.

VISCOL



Per Dozen
No. 12¼—¼ Pint Cans.....\$2.50
No. 12½—½ Pint Cans.....4.00

A preparation for waterproofing leather while at the same time preserving it and preventing it from cracking. Will not soil clothing after it has dried on shoes. Valuable for hunters, cruisers, etc.

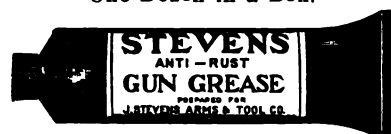
GUN GREASE



Per Dozen
No. 50—Winchester Red-W, in Collapsible Tubes.....\$1.80

A positive rust preventive, for any polished metal surface. Will not become rancid in any climate and will not flow off from a warm barrel and leave it dry.

One Dozen in a Box.



Per Dozen
No. 62—Stevens Anti-Rust, in Collapsible Tubes.....\$1.80

For cleaning and protecting fire arms and bright metal surfaces from rust, to be applied after the barrel has been thoroughly cleaned.

One Dozen in a Box.

RUST REMOVER



Per Dozen
No. 40—Winchester, in Collapsible Tubes.....\$3.00

For removing rust from the bores of all kinds of fire arms and metallic instruments.

One Dozen in a Box.

BOOT GREASE
MARBLE'S

Per Dozen
No. 218—4 Oz. Boxes.....\$3.00

This preparation is the result of years of experimenting. It softens and prolongs the life of leather. We guarantee that daily applications will keep boots absolutely waterproof if made of good leather.

MATCH SAFES



No. 181—Marble's, $2\frac{1}{2} \times \frac{7}{8}$ inch, Seamless Drawn Brass, Heavily Nickel Plated, Rubber Gasket in Cover, Waterproof\$0.50

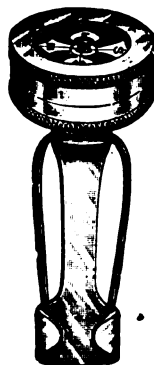
It can be quickly opened and closed in the dark and is absolutely water and moisture proof.

A waterproof match box is cheap life insurance to the man who is caught out in wet and cold weather. It means warmth, dry clothes and something hot to eat and drink. They are always a comfort and sometimes they save lives.

One Dozen in a Box.

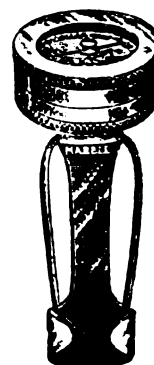
COMPASSES

MARBLE'S COAT



No. 082.

$1\frac{1}{8}$ inch Diameter Box, Waterproof Screw Case, Agate Bearing.



No. 182.

Made with waterproof screw case. The bracket is made like a double safety pin and fastens securely to coat, vest or belt. It is in plain view at all times, and you can't lose it or leave it in camp. You don't have to fumble around in your pockets for your compass and then wait for it to settle, therefore is especially convenient in zero weather.

No. 082—Revolving Dial, with Bracket.....\$1.50
 No. 182—Stationary Dial, with Bracket.....1.25
 No. 186—Same as No. 082, without Bracket.....1.25
 No. 184—Same as No. 182, without Bracket.....1.00
 One Dozen in a Box.

POCKET COMPASSES

THE KRAEMER PATHFINDER

Case solid brass, highly polished and lacquered, moisture and dust proof. Lower dial of aluminum black velvet finish with pearl letters, 360 divisions (can be read in dark as well as in light) and gives all points of directions at a glance. Needle of specially prepared magnetic high carbon steel, heavy tool steel pivot with large jewel cap bearing.

With Beautiful Leather Fob and Emblem.

Per Assortment
 No. 8 Assortment—Compasses with Fob and Emblem, 6 on Display Card, 1 Each Nos. 1 and 2, and 2 Each Nos. 3 and 4.....\$16.00



Nos. 1 and 3.



Nos. 2 and 4.

No. 1—2 inch, with Disc Dial.....\$2.50
 No. 3—1 $\frac{1}{4}$ inch, with Disc Dial.....2.50

No. 2—2 inch, with Four Point Dial.....\$2.50
 No. 4—1 $\frac{1}{4}$ inch, with Four Point Dial.....2.50

LEEDAWL



Per Dozen
 No. 2910—1 $\frac{1}{2}$ inch, White Metal Case, Snap-in Beveled Crystal Glass, Jeweled Needle, Heavy Tempered Steel Point, Screw Stop, Dirt and Moisture Proof, Untarnishable Silvered Metal Dial...\$16.00

A good reliable Compass for hunters, fishermen, pedestrians, tourists, campers, farmers, Boy Scouts, etc.

FLIDIAL



Per Dozen
 No. 2912—1 $\frac{1}{2}$ inch, White Metal Case, Bevel Crystal Glass, Jeweled Center and Stop Arrangement to Lock Needle and Dial when not in Use, Aluminum Floating Dial Plainly Figured and Lettered\$20.00

Just the Compass for the woods. The case is practically dust and moisture proof.

AURAPOLE

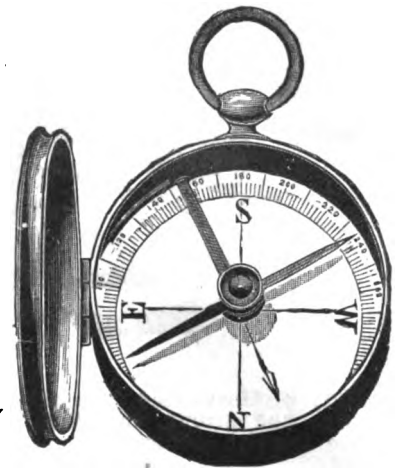


Per Dozen
 No. 2915—1 $\frac{1}{2}$ inch, Thin Model White Metal Hunter Case, Hinged Cover, Heavily Magnetized Bar Needle of Extreme Sensitiveness, Delicately Balanced, Centers are Jeweled and a Stop Lifts the Needle Off Center Point when Lid of Case is Closed, Aluminum Dial.....\$36.00

POCKET COMPASSES



TELAWAY



No. 2905—1½ inches, ⅝ inch Thick, Case is Brass Finished in Black Bronze, Enamelled Card Dial, Accurately Divided and Figured, Needle is of Special Steel Carefully Magnetized and Fitted with a Jeweled Center, Heavy Beveled Crystal, Dust and Water-proof\$9.00

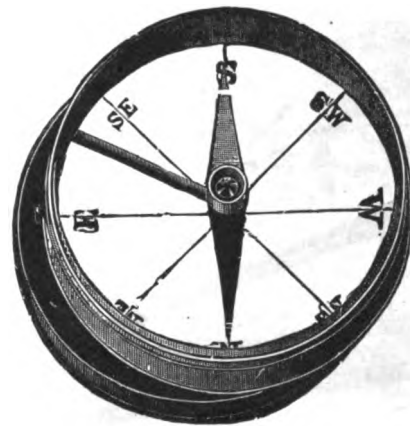
No. 1700—1½ inch, Brass Case, Open Face, Silvered Metal Dial, with Stop.....\$ 9.00
No. 1700B—1½ inch, Same Description as No. 1700..... 10.00

No. 1708 — 1¾ inch, Brass, Hunting Watch Case, Hinged Cover, Flat Needle, Agate Cap, Silvered Metal Dial, Full Division, with Stop\$24.00

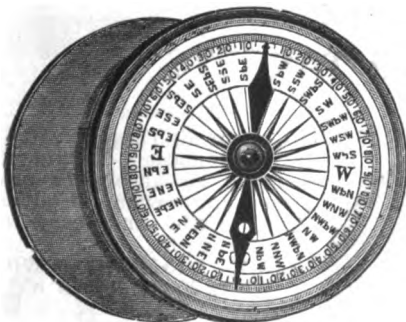


No. 1776.

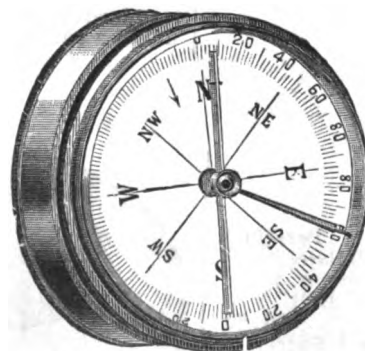
No. 1776—1½ inch, Nickel Plated, Hunting Watch Case, Spring Cover, Silvered Metal Dial, Full Division\$15.00
No. 1777—1¾ inch, Nickel Plated, Hunting Watch Case, Spring Cover, Flat Needle, Agate Cap, Automatic Stop, Silvered Metal Dial, Full Division.... 20.00
No. 1729—1¾ inch, Nickel Plated, English Hunting Watch Case, Spring Cover, Bar Needle, Agate Cap, Automatic Stop, Silvered Metal Dial, Full Division 48.00



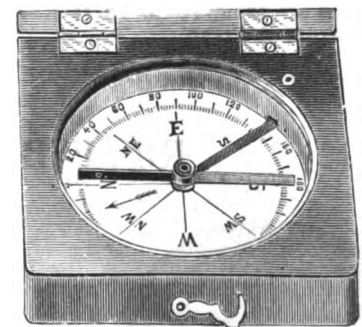
No. 1727N—2 inch, Extra Heavy Nickel Plated Case, Slip Cover, English Bar Needle, Agate Cap, Automatic Stop, Silvered Metal Dial, Full Division....\$40.00
No. 1727—2½ inch, Extra Heavy Brass Case, Same Description as No. 1727N..... 34.00
No. 1727B—2¾ inch, Extra Heavy Brass Case, Same Description as No. 1727N..... 42.00



No. 1850—1¾ inch, Brass Case, Slip Cover, Card Dial, Full Division\$4.00



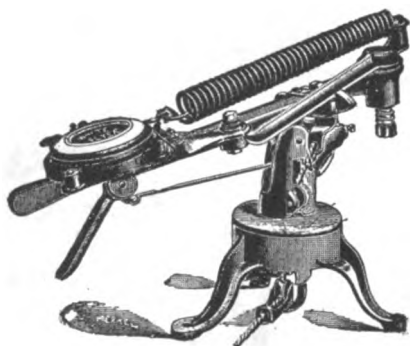
No. 1703—1½ inch, Brass Case, Slip Cover, Silvered Metal Dial, Plain Needle, with Stop\$12.00



No. 1750—2¾ inch, Mahogany Case, Hinged Cover, Card Dial, Automatic Stop, Full Division\$12.00
No. 1752—2¾ inch, Mahogany Case, Hinged Cover, Deep Bar Needle, Agate Cap, Automatic Stop, Silvered Metal Dial, Full Division..... 20.00

TARGET TRAPS

WHITE FLYER PRACTICE

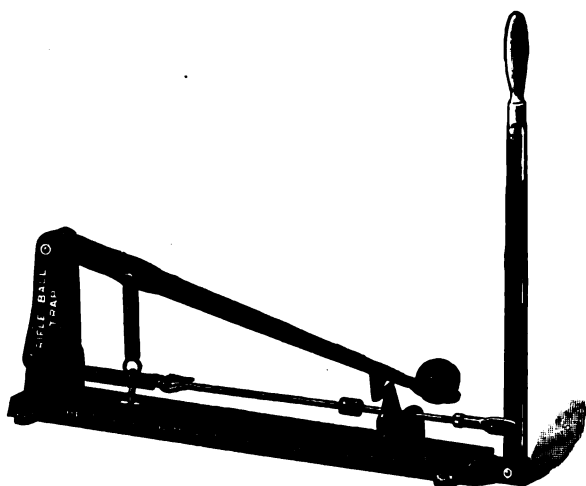


Each

White Flyer—Heavy and Compact, Working Parts are Large and Strong, the Well Fitted Bearings Assure Positive Action.....**\$6.00**

The Central Trigger Pull allows the Trap to be changed to any desired angle without interfering with the pulling device.

RIFLE BALL



Each

Rifle Ball Trap—Weight 12 Lbs.....**\$4.00**

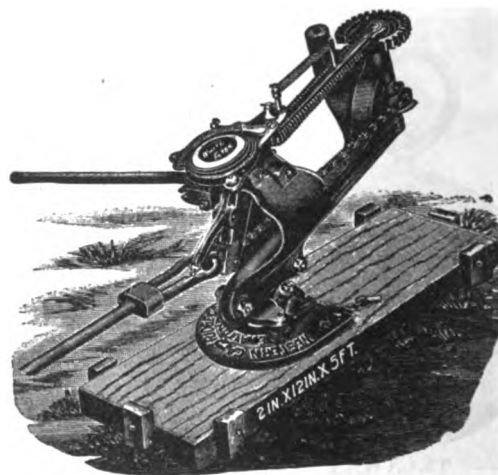
The Trap should be firmly fastened and backed with a bullet-proof screen large enough to protect the trapper, who loads and releases the target, or ball, on a signal from the shooter. The trap can be adjusted to throw target straight up in the air from 10 to 18 feet. The firing point should be 15 feet from the trap.

RIFLE BALLS



Per 1000
Composition Rifle Balls—
1 1/4 inches Diameter,
for Use in Rifle Ball
Traps**\$6.50**
Fifteen Hundred in a Barrel.
Made of same material as Blue
Rock Targets.

WESTERN AUTOMATIC

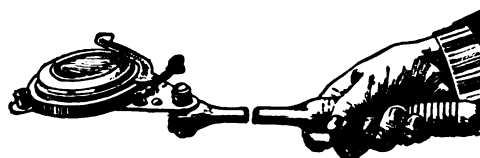


Each

Single—Built of High Grade Materials by First-Class Mechanics Under the Personal Direction of a Trap Expert, "A Trap with a Record".....**\$35.00**
Double—Same as Above, but Equipped for Doubles.... **40.00**

This Trap is too well known to need introduction. Gun clubs throughout the country are using this Trap with the greatest satisfaction.

PING PONG

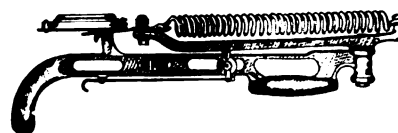


Each

Ping Pong—Hand Trap, Weight 12 Oz.....**\$1.50**

Especially adapted for throwing White Flyer for practice on private grounds, in camp, or on board yachts.
One in a Box.

DUPONT HAND



Each

Dupont—Constructed of High Grade Malleable Iron, Equipped with a Strong Coil Main Spring which Propels the Throwing Arm with Considerable Force, Weight 6 1/4 Lbs.....**\$4.00**

A simple, practical and efficient apparatus for throwing all standard makes of clay targets. It is very compact and easily fits in a suit case or traveling bag.

FLYING TARGETS

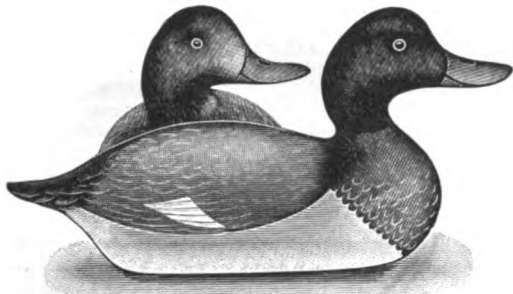


Gem of all Targets. Made on Automatic Machinery, insuring an absolutely uniform and even product. Very brittle and easy to break when hit.

BLACK DIAMOND—With White Face, 500 in a Barrel.

Per 1000
In Lots Less than 5000**\$6.00**
In Lots of 5000 or More **5.40**
Weight Per Barrel 135 Lbs.

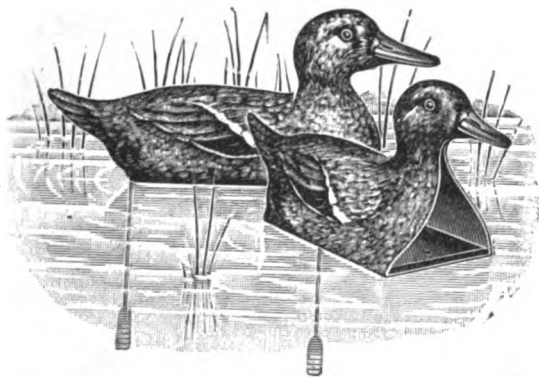
DECOY DUCKS



Selected White Cedar, Flat Bottom.

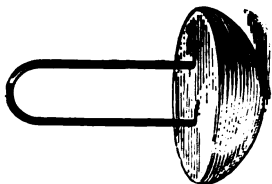
- No. 200**—Mammoth Chesapeake Bay, Solid, Canvas Back, Body 12 1/2 inches Long, 6 1/2 inches Wide, 4 1/2 inches Deep, Glass Eyes, Finished in Natural Color **\$20.00**
- No. 150**—Premier, Hollow Body, Finest Glass Eyes, Teal and Mallards, Natural Colors **20.00**
- No. 100**—Challenge, Solid Body, Glass Eyes, Mallard, Teal, Canvas Back, True to Nature **10.00**
- Standard Quality, Selected Solid White Cedar, Flat Bottom, Mallard, Canvas Back, Blue Bill and Teal.**
- No. 1**—Glass Eyes, Painted in Natural Colors, True to Life **\$7.00**
- No. 2**—Tack Eyes, Nicely Painted **6.00**
- No. 3**—Painted Eyes, Well Painted **5.00**
- One Dozen in a Wire Bound Wooden Box.

FOLDING PAPER DECOYS



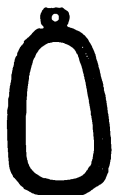
- Johnson's**—Printed from True Color Plates on Heavy Jute Tag Boards, a Tough Fibre Cardboard Stock, Thoroughly Waterproof, with Bullet Shaped Balancing Device Fastened to a 10 inch Stiff Wire, Making Tipping Impossible **\$4.00**
- The decoys are immersed in hot paraffine and made to float by unfolding body like a folding paper box, and inserting a 1/4 inch board float dyed to match the water.
- One Dozen Bodies and Floats in a Carton, Half Hens and Drakes, Mallards, Bluebills, Redheads, Butter balls, Canvasbacks or Blackducks.

DECOY WEIGHTS

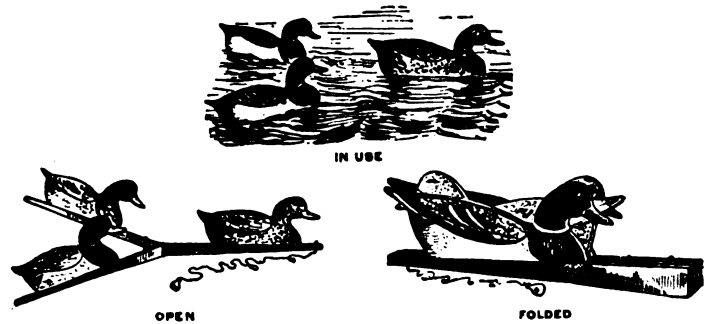


- No. 2W**—Lead, Long Brass Shank **\$1.50**

DECOY ANCHORS



- No. 1A**—Malleable Iron, Japanned, with Large Loop Wide Enough to Go Over Head of Decoy and Small Loop for Anchor Cord **\$1.50**



REYNOLDS' ILLINOIS RIVER FOLDING

Mallards, Blue Bills, Pin Tails, Canvas Backs, Black Mallards and Teal, Assorted Two-Thirds Male and One-Third Female.

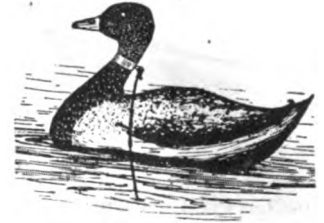
- No. 4**—Selected Wood, Painted in Natural Colors on Both Sides, Attached to a Wooden Float in Groups of Three, One Cord and Anchor for Each Group, Complete **\$6.00**

The most attractive, convenient and durable folding Decoy on the market. Are quickly set out and quickly taken up. The float is in three pieces and jointed at one end with a three-plate hinge. The float sinks below the surface of the water just presenting the decoys.

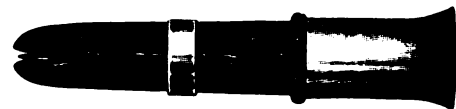
One Dozen in a Light Strong Box, with Handle.

DECOY DUCK COLLARS

- No. 3D**—Leather, Adjustable, with Ring and Buckle **\$0.50**



DUCK CALLS



- No. 1D**—Cocobolo, Nickel Plated Metal Tip and Band, an Excellent Call and Quacker **\$5.00**
- One Dozen in a Box.



- No. 2D**—Allen's, Maple, Lined with Brass Tubing, Nickel Plated Tip **\$7.50**
- One Dozen in a Box.



- Broad Bill**—Waterproof White Pine, Select Mica Reed, Treated, Rendering it Indestructible, Galvanized and Polished Metal Bands **\$12.00**

This Call is made in two pieces, allowing the reed to be fastened securely to one side by the use of a metal clamp. Produces with perfect accuracy any call of our native ducks from the short, choppy call of the Teal to the long, dignified call of the Mallard Drake. It will not break in tone by loud calling.

One-twelfth Dozen in a Box.

GOOSE CALLS



Fuller's—Goose and Crane Call, Boxwood Mouthpiece,
Nickel Plated Tube Body.....

Per Dozen

\$14.50

CROW CALLS



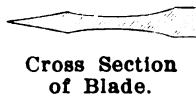
No. 12—Walnut, the Best Crow Call Made to Decoy
Crows

Per Dozen

\$6.00

HUNTING KNIVES

MARBLE'S IDEAL

Cross Section
of Blade.

Razor Steel Blade, Laminated Leather Handle, Brass and Fibre
Trimming, Orange Leather Sheath with Aluminum
Sheath Protector.

Nos.	15	16
Length of Blade, Inches.....	5	6
Each	\$2.25	2.50

The blade is adapted to sticking and skinning. It is oval
ground at back of point for chopping bones, etc.
Six in a Box.

MARBLE'S CANOE



No. 10—4½ inch Razor Steel Blade, 3¼ inch Lam-
inated Leather Handle, Handsome Finish, with
Leather Sheath and Aluminum Sheath Protector,
Weight 4 Oz.....

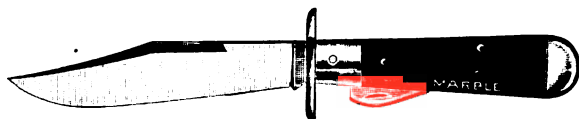
Each

\$2.25

A short and stout Knife, indispensable to the user of a
sailing canoe.

Six in a Box.

MARBLE'S SAFETY



Open.



Closed.

With Leather Sheath.

No. 1—4¼ inch Cutlery Steel Blade, with Bone Chopper at Back of Point, German Silver Bolsters, Lining and Hilts,
German Stag Horn Side Plates, Guard and Blade Held in Position by a Spring, Weight 4 Oz.....

Each

\$3.00

No. 2—5 inch Cutlery Steel Blade, Same Description as No. 1, Weight 6 Oz.....

4.00

These Knives will appeal especially to that class of Woodsmen and Sportsmen who object to a Sheath Knife. They are
foldable and can be carried in the pocket. All parts are hand fitted with the utmost care, so that when Knife is open it is as
rigid as a One Piece Knife.

Six in a Box.

MARBLE'S EXPERT



Cross Section of Blade.

Finest Cutlery Steel Blade, Cocobolo Handle, German Stag
Horn Tip, with Leather Sheath.

Nos.	54	55
Length of Blade, Inches.....	5	6
Weight Each, Oz.....	3½	4½
Each	\$2.25	2.50

These Knives were designed to meet the requirements of
the professional hunter, trapper and guide, for dressing skins
and furs.

Six in a Box.

MARBLE'S DEWEESE



No. 62—4 inch Cutlery Steel Blade, 3¼ inch German
Stag Handle, with Leather Sheath, Weight 3 Oz..

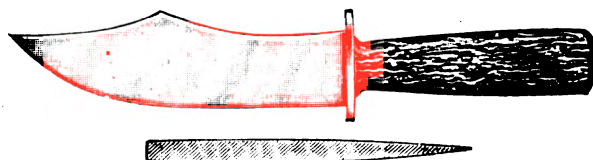
Each

\$1.75

Has a dull saw back on which thumb is placed when skin-
ning or cutting hard substances.

Six in a Box.

MARBLE-HAINES



Cross Section of Blade.

No. 48—6 inch Cutlery Steel Blade, German Stag Han-
dle, with Hilt and Fancy Leather Sheath, Weight
5½ Oz.

Each

\$1.50

The shape of the handle is pleasing to the hand and the
hang and "feel" of the knife are excellent. It is perfectly
adapted to skinning.

Six in a Box.

MARBLE'S WOODCRAFT



No. 49—4½ inch Cutlery Steel Blade, 3¼ inch Lam-
inated Leather Handle, with Staghorn Tip, Weight
5 Oz.

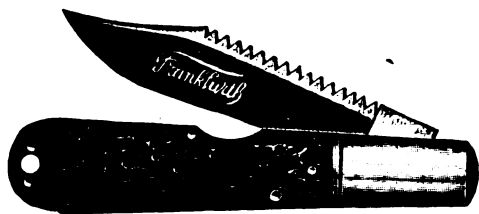
Each

\$4.50

The great advantage of this knife is that it is designed for
all purposes. Can be used for sticking, skinning, cleaning, etc.,
in fact all the desirable features are combined in this knife.

Six in a Box.

HUNTING KNIVES



- No. 1110—One Large Clip Lock Blade with Saw Back, Crocus Polished, 5 inches, Stag Handle, Steel Lined, Steel Bolster, with Leather Sheath.....\$17.00
One-half Dozen in a Box.



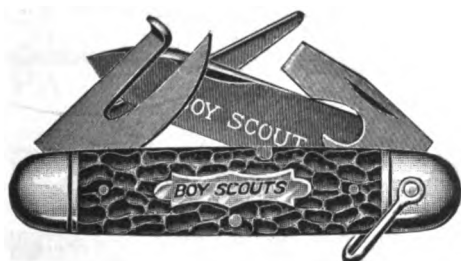
No. 1005.

- No. 1005—One Clip Blade, with Guard, Crocus Polished, Push Button Lock Back, 4 1/2 inches, Stag Handle, Steel Lined, German Silver Bolster.....\$21.00
No. 1000—Same as No. 1005, without Guard..... 17.00
One-half Dozen in a Box.



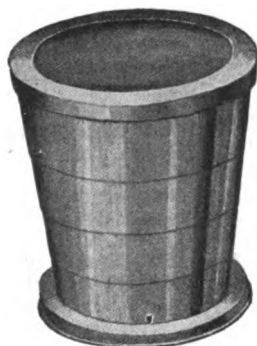
- No. 1675—One Large Saber Clip Swaged Blade, Crocus Polished, Lock Back, 4 1/2 inches, Stag Handle, Steel Lined, Steel Bolster.....\$16.00
One-half Dozen in a Box.

BOY SCOUT KNIVES



- No. 5014—Bullhead Pattern, 4 Blades, One Large Spear Point, One Punch, One Can Opener and One Combined Bottle Opener and Screw Driver, 3 3/4 inch Imitation Stag Handle, Brass Lined, German Silver Bolsters, Shield and Lanyard Tip.....\$21.00
One-half Dozen in a Box.

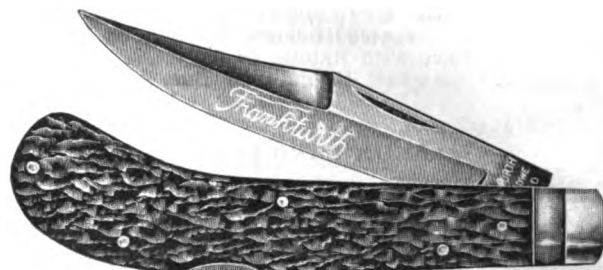
COLLAPSIBLE CUPS



- No. 5—Aluminum, Large Size.....\$1.20



- No. 0354—One Large Swaged Clip Blade, with Guard and Lock Back, Crocus Polished, 4 1/2 inches, Stag Handle, Steel Lined, German Silver Bolster.....\$20.00
One-half Dozen in a Box.

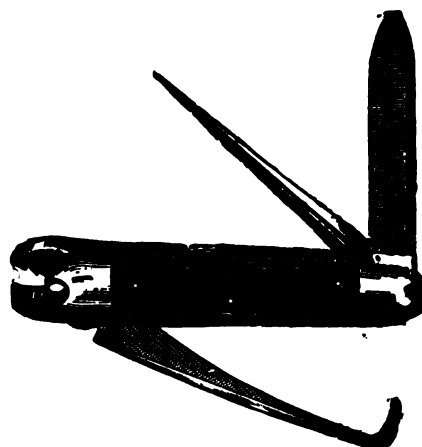


- No. 0358—One Saber Clip Blade, Lock Back, 4 1/2 inches, Stag Handle, Steel Lined, Steel Bolster..\$17.00
One-half Dozen in a Box.



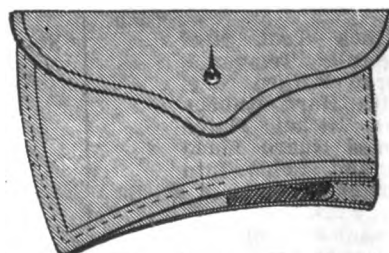
- No. 1875—One Lock Joint Clip Blade, Crocus Polished, 4 1/2 inches, Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield.....\$17.00
One-half Dozen in a Box.

TOOL KNIVES



- No. HHH—Five Tools, Comprising 1 Blade, Leather Punch, Swedging Awl, Wire Cutters, Pliers, Alligator Wrench, Hoof Hook, Screw Driver and Glimlet, Length Over All Closed 4 inches, Stag Handle, Brass Lined, German Silver Bolsters.....\$25.00

AXE SHEATHS



- No. 57—Leather, with Flap, for Any Hunting Axe Shown on following Page.....\$7.00
No. 58—Same as No. 57, but for Boy Scout Axes..... 7.00

HUNTERS' AXES

BLOOD'S CHAMPION



- No. 000—2 $\frac{3}{4}$ inch Bit, Extra Solid Cast Steel, Full Polished, 13 inch Selected Hickory Axe-Shaped Handle, Weight Each with Handle 18 Oz. **\$12.50**
One-half Dozen in a Box.



- No. 1—3 $\frac{1}{4}$ inch Bit, Solid Cast Steel, Gold Bronzed, Polished Bit and Head, 15 inch Selected Hickory Handle, Weight Each with Handle 2 Lbs. **\$12.50**
No. 0—3 inch Bit, Extra Solid Cast Steel, Hand Forged, Gun Metal Finish, Polished, 14 inch Selected Hickory Handle, Weight Each with Handle 1 $\frac{1}{2}$ Lbs. **12.00**
One-half Dozen in a Box.

PLUMB'S HAND FORGED



- No. 673HF—3 $\frac{1}{4}$ inch Bit, Solid Cast Steel, Hand Forged, Non-Rusting Finish, 14 inch Axe-Shaped Handle, Weight with Handle 2 Lbs. **\$12.50**
One-half Dozen in a Box.

PLUMB'S "ANCHOR BRAND"



The Official Axe of the Boy Scout.

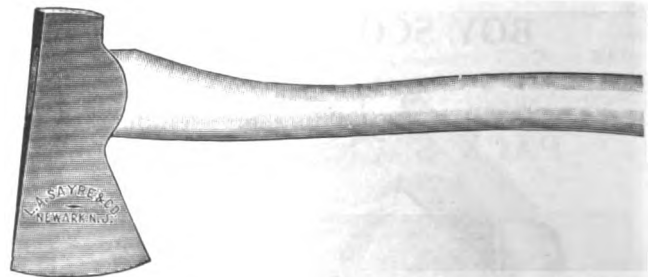
- No. OBS—Boy Scout, Special Axe Steel, Hand Forged, Non-Rusting Finish, with Nail Slot, Axe Pattern Hickory Handle, Weight with Handle 1 Lb. 10 Oz., the Handiest Tool in a Woodman's Kit, without Sheath **\$13.00**
No. 01BS—Same as No. OBS, but with Heavy Russet Leather Sheath **18.00**
One-half Dozen in a Box.

VICTOR BLAIR'S



- No. OB—3 inch Bit, Cast Steel, Gold Bronzed, Polished Head and Bit, 14 inch Handles, Weight with Handle 1 $\frac{1}{2}$ Lbs. **\$10.50**
One-half Dozen in a Box.

SAYRE

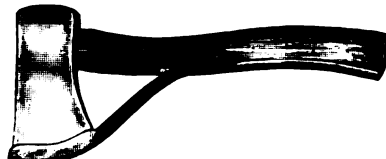


- No. 3—2 $\frac{1}{4}$ inch Bit, Best Quality Solid Tool Steel, Full Polished, 12 inch Hickory Handle, Weight About 14 Oz. **\$18.00**
One-half Dozen in a Box.

MARBLE'S SAFETY



- No. 2—2 $\frac{3}{4}$ x 4 inch Tool Steel Blade, Carefully Tempered, 11 inch Drop Forged Steel Handle, with Hard Rubber Side Plates, Nickel Plated Spring Hinged Guard Lined with Lead and Folds Into Handle, Weight 20 Oz. **\$3.30**



- No. 6—2 $\frac{3}{4}$ x 4 $\frac{1}{4}$ inch Tool Steel Blade, Carefully Tempered, 12 inch Selected Hickory Handle, Nickel Plated Steel Guard, Weight 22 Oz. **\$2.00**

MARBLE'S CAMP



- No. 116—3 $\frac{1}{4}$ x 5 $\frac{1}{4}$ inch Forged Tool Steel Blade, Tempered Head for Driving Stakes, Spikes, Etc., Nail Puller has Tempered Jaws, 16 inch Selected Hickory Handle, Wt. 28 Oz. **\$2.00**
No. 120—Same as No. 116, but with 20 inch Handle. **2.00**

Note—For Axe Sheaths, See Page 1385.

LOADED SHELL CASES



- Heavy Russet Leather, Embossed, Leather Handle and Lock.
Per Dozen
- No. 22-200—Round Top, Tin Lined, Four Compartments, Holding 200 Shells.....\$80.00
- No. 38-300—Same as No. 22-200, but with Five Compartments, Holding 300 Shells..... 96.00



- Russet Leather. Per Dozen
- No. 4-100—Trap Shooters' Case, Tin Lined, Leather Handle and Straps, with Lock, Four Compartments to Hold 100 Shells.....\$60.00
- No. 6-150—Same as No. 4-100, but with Six Compartments, to Hold 150 Shells..... 80.00
- No. 8-200—Same as No. 4-100, but with Eight Compartments, to Hold 200 Shells..... 90.00



SHELL BAGS



"Trapshooters".

- No. 17—15 Ounce Tan Duck, with Canvas Belt Sewed on Back, with Buckle.....\$8.00

10 Ounce Tan Duck, Leather Bound, Pocket and Sling.

- Per Dozen
- No. 5-50—Capacity 50 Shells.....\$ 6.00
- No. 7-75—Capacity 75 Shells..... 7.00
- No. 10-100—Capacity 100 Shells..... 7.50
- No. 20-200—Capacity 200 Shells..... 10.00
- No. 2G —Capacity 300 Shells, or Used for Game Bag 12.00
- Leather.
- No. 3-50—Capacity 50 Shells, without Flap\$30.00
- No. 4-75—Capacity 75 Shells, with Flap 36.00

PACK SACKS

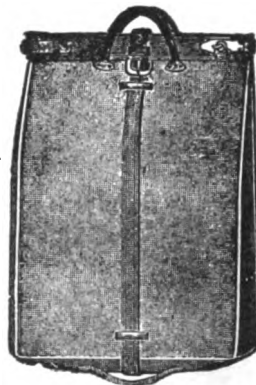


Square, Northern Style.

- Per Dozen
- No. 2—26x28 inches, 12 Ounce Brown Duck, Double Seams, 2 inch Heavy Web Shoulder Strap, 2 1/4 inch Canvas Head Strap, 3/4 inch Heavy Extra Long Lap Straps, All Straps Hand Riveted, with Buckles.\$48.00



CARRY-ALL BAGS



Extra Heavy Brown Waterproof Army Duck.

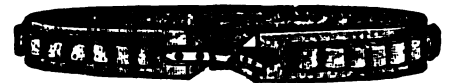
- Per Dozen
- No. 06—36x24x8 inches, Leather Reinforced Opening to Fasten Over Staple and Lock, Leather Bottom, Two Handles on Top and One on Bottom, Wide Leather Strap Around Bag\$84.00

GAME CARRIERS



- Per Dozen
- No. 890—Barnum, Cotton Web, Tinned Wires, 8 1/2 inches Long when Folded, Holds 18 Ducks, Can be Carried in the Pencil Pocket, Weight 2 1/4 Oz.....\$2.00

SHELL BELTS



Heavy Canvas, Web Loops, without Shoulder Straps.

- Per Dozen
- No. 101—For 10 Gauge Shells..\$3.25
- No. 121—For 12 Gauge Shells.. 3.25
- No. 161—For 16 Gauge Shells.. 3.25
- No. 120—For 20 Gauge Shells 3.25



2 inches Wide, Russet Leather, Embossed, Fine Leather Loops and Shoulder Straps, Plain Billet and Buckle.

- Per Dozen
- No. 110—For 10 Gauge Shells.\$10.00
- No. 112—For 12 Gauge Shells.. 10.00
- No. 116—For 16 Gauge Shells.. 10.00

CARTRIDGE BELTS



2 inches Wide, Extra Heavy Russet Leather, Large Nickel Plated Buckle.

	Per Dozen
No. 98—For .32 Caliber.....	\$12.00
No. 99—For .38 Caliber.....	12.00
No. 100—For .44 Caliber.....	12.00



1 1/2 inches Wide, Russet Leather, with Roller Buckles.

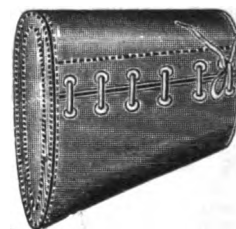
	Per Dozen
No. 94—For .32 Caliber.....	\$8.00
No. 95—For .38 Caliber.....	8.00
No. 96—For .44 Caliber.....	8.00

HOLSTER BELTS

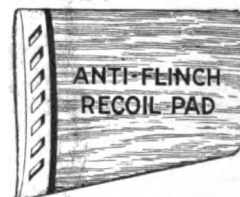


No. 90—1 1/2 inches Wide, Plain Russet Leather, Nickel Plated Roller Buckle \$8.00

RECOIL PADS



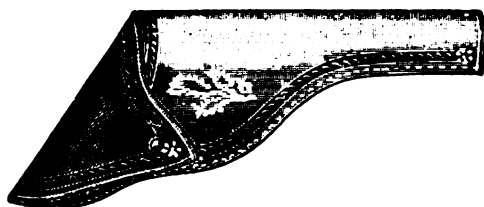
No. 35—Kip Leather, Padded, Laced on Side.....\$6.00



Per Dozen
Anti-Flinch—Constructed of Soft Red Rubber, Vulcanized to a Black Hard Rubber Base, Applied to Stock with Two Wood Screws which Pass Through the Soft Cushion, the Head Resting on a Steel Washer on the Hard Rubber Plate \$36.00

In the soft cushion are oblong slanting holes, between which are walls of rubber, which fold each on the other when gun is discharged, and pressure is brought to bear on the pad and spring back into normal position when pressure is relieved, taking up the recoil and eliminating the kick. A real shock absorber, no more sore shoulders.

REVOLVER HOLSTERS



Russet Leather, with Flap.

	Per Dozen
No. 102C—For .32 Caliber, 3 1/2 inch Barrels	\$ 7.20
No. 103C—For .32 and .38 Caliber, 4 and 5 inch Barrels...	8.00
No. 105C—For Double Action Revolvers, with 6 inch Barrels, Other than Colt's....	8.50
No. 106C—For 4 inch Barrel Colt's Police Positive.....	10.00
No. 107C—For 6 inch Barrel Colt's	11.00
No. 108C—For 7 1/2 inch Barrel, Colt's Police Positive.....	12.00
No. 109C—For 6 1/2 inch Barrel Colt .22 Caliber Police Positive Target	\$12.00



Stiff Pocket, Russet Leather.

	Per Dozen
No. 221A—For .32 Caliber, 3 1/2 inch Barrels	\$9.00
No. 221B—For .38 Caliber, 3 1/4 inch Barrels	9.00

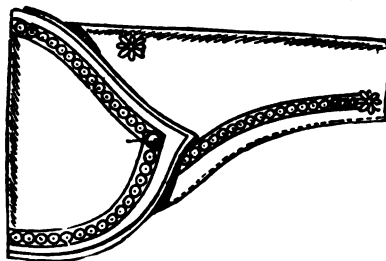


Rubber, without Hook.

	Per Dozen
No. 1—For .32 Caliber Revolver.....	\$3.50
No. 2—For .38 Caliber Revolver.....	4.00
No. 3—For .44 Caliber Revolver.....	4.50

Flexible and easy in the pocket. Protects pistol thoroughly against rust from perspiration.

PISTOL HOLSTERS



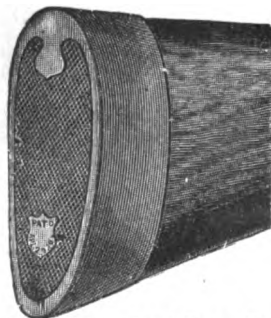
Russet Leather, with Flap.

	Per Dozen
No. 138A—For .32 and .38 Cal. Colt's Automatic Pistol.....	\$9.60
No. 132A—For .32 and .38 Cal. Savage Automatic Pistol....	9.60
No. 133C—For .38 Cal., 6 inch Barrel, Colt's Automatic Pistol	9.60
No. 134A—For .22 Cal., 6 1/2 inch Barrel, Colt Automatic Target	9.60

RECOIL PADS



Per Dozen
No. 10—Best Quality Tan Leather, to Pull Over, Padded, with a Cushion of Finest Quality Sponge Rubber, Laced at Bottom, all Gauges \$15.00



Improved, Finest Red Para Rubber.

Nos.	20	30	40
Size, Inches...	5	5 1/4	5 1/2
Per Dozen ...	\$12.00	12.00	12.00

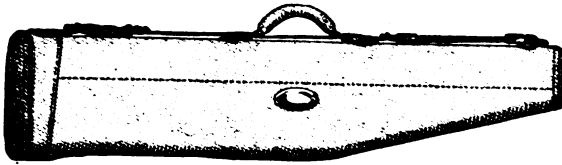
Silver's Pattern.

Gutta Percha and Rubber, Fastened to Stock with Screws.

	Per Dozen
No. 50—Small, for Single Barrel Shot Guns, Size 5 1/4 inches Long, 1 1/8 inches Wide....	\$36.00
No. 60—Medium, for Double Barrel Shot Guns, Size 5 1/2 inches Long, 1 3/8 inches Wide	36.00
No. 70—Large, for Repeating Shot Guns, Size 5 3/4 inches Long, 1 3/4 inches Wide....	36.00

Extra Charge for Fitting to Stock.
Note—These Pads must be Fitted to the Stock and are therefore sent a trifle larger so that they can be filed down; when ordering mention name and gauge of your gun.

LEG O' MUTTON GUN CASES



For Double Barrel and Repeating Shot Guns.

Per Dozen

- No. 06L—Russet Leather, Flannel Lined, Lock Buckle, Leather Handle and Sling, Brass Trimmings, Flannel Lined, Rod Pocket, for 26, 28, 30 or 32 inch Barrels, Will Fit All Winchester, Remington, Stevens and Marlin Repeating Shot Guns.....\$60.00

For Remington Autoloading Shot Guns.

Per Dozen

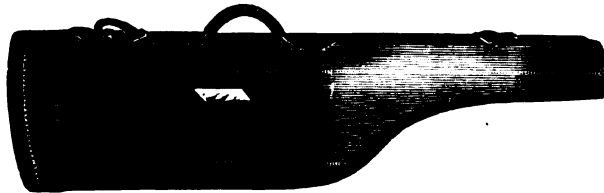
- No. S60XR—Tan Leather, Flannel Lined, Brass Trimmed, Lock Buckle, Handle and Sling, Flannel Rod Pocket Under Partition.....\$60.00
 No. 41R—Chocolate Leather, Otherwise Same as No. S60XR.....85.00



For Winchester Model 1911 Self-Loading Shot Guns.

Per Dozen

- No. S60x26—Russet Leather, Flannel Lined, Brass Trimmings, Lock Buckle Handle and Sling, Flannel Rod Pocket Under Partition, for 26 inch Barrels.....\$75.00
 No. S60x28—Same as Above, for 28 inch Barrels....75.00
 No. 41W26—Chocolate Leather, Otherwise Same as No. S60x26.....85.00
 No. 41W28—Chocolate Leather, Otherwise Same as No. S60x28.....85.00



For Double Barrel and Repeating Shot Guns.

Per Dozen

- No. 41—Chocolate Leather, Flannel Lined, Brass Trimmings, Lock Buckle, Handle and Sling, Flannel Rod Pocket, for 30 and 32 inch Barrel Guns.....\$65.00
 No. 4120—Same as No. 41, but for Winchester Model 1912 Repeating Shot Guns, 20 Gauge, 26 inch Barrel.....65.00



Per Dozen

- No. 250—Heavy Russet Leather, Leather Sling and Buckle, for Remington Autolading Shot Guns...\$54.00

LEATHER RIFLE CASES



For Winchester Self-Loading Rifles.

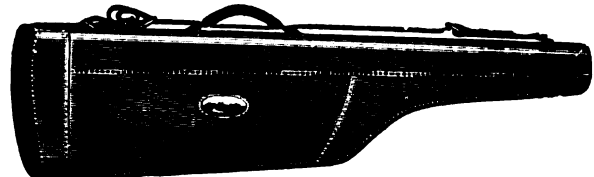
Per Dozen

- No. 17—Tan Leather, Flannel Lined, Fancy Trimmings, Inside Rod Pocket, Leather Handle and Sling, for 32, 35 and 351 Caliber Winchester Self-Loading Rifles.....\$60.00

For Remington Autoloading Rifles.

Per Dozen

- No. 1600—Fancy Chocolate Strop Leather, Wax Finish, Brass Trimmings, Lock Buckle, Brown Lined, Name Plate, Inside Rod Pocket, for Remington Autoloading Rifles.....\$80.00



For Remington High Power Repeating Rifles.

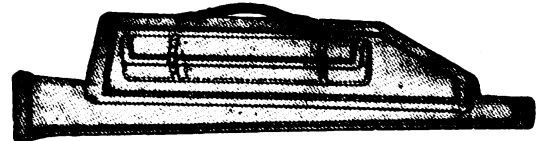
Per Dozen

- No. 56—Tan Leather, Flannel Lined, Lock Buckle, Handle and Sling, Brass Trimmings, Flannel Rod Pocket, for Remington and Winchester Repeating Rifles with 24, 26 and 28 inch Barrel.....\$60.00
 No. 75—Chocolate Leather, Extra Quality, Otherwise Same as No. 56.....72.00

For Remington Autoloading Rifles.

Per Dozen

- No. 18—Heavy Russet Leather, Flannel Lined, Fancy Trimmings, for Remington Autoloading Rifles...\$60.00



For Remington and Winchester Repeating Shot Guns.

Per Dozen

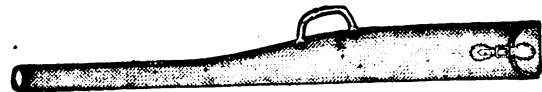
- No. 04L—Heavy Russet Leather, Embossed, Unlined Nickel Plated Trimmings, with Rod Pocket, for 30 and 32 inch Barrels.....\$46.00
 No. 05L—Same as No. 04L, but Flannel Lined.....60.00

For Remington Autoloading Shot Guns.

Per Dozen

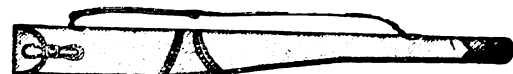
- No. 56C—Same Description as No. 04L.....\$72.00

FULL LENGTH GUN COVERS



Per Dozen

- No. 110G—15 Ounce Tan Duck, Flannel Lined, Leather Handle and End, Full Bound, for 30 and 32 inch Barrels.....\$7.00



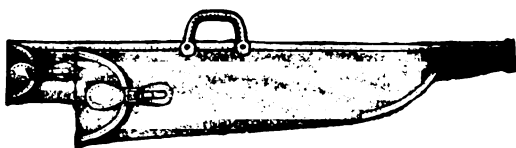
Per Dozen

- No. 140G—20 Ounce Tan Duck, Flannel Lined, Leather End and Sling Leather, Lock and Muzzle Protected, Full Bound, for 30 and 32 inch Barrels and Repeating Shot Guns.....\$18.00

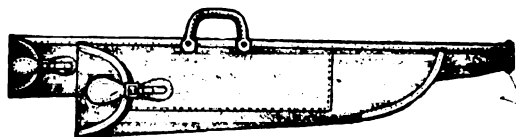
Note—Always State Length of Barrel Desired.

CANVAS GUN COVERS

VICTORIA PATTERN



- No. 01—10 Ounce Tan Duck, Flannel Lined, Leather Handle, Flat End, Full Bound, for 30 and 32 inch Barrels **\$7.20** Per Dozen



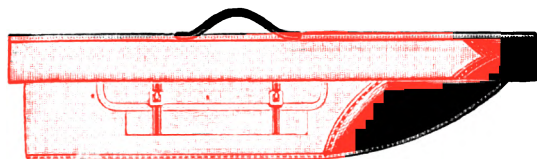
- No. 02—10 Ounce Tan Duck, Flannel Lined, with Flat Rod Pocket, Leather Handle, Flat End, Full Bound, for 30 and 32 inch Barrels..... **\$9.00** Per Dozen



- For Winchester and Remington Repeating Shot Guns.**
No. 09—15 Ounce Tan Duck, Flannel Lined, Full Bound, Lock and Muzzle Protected with Leather, with Rod Pocket, for Winchester and Remington Repeating Shot Guns, 30 or 32 inch Barrel..... **\$16.00** Per Dozen



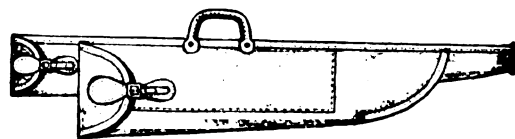
- No. 61 1/2—Heavy Tan Duck, Flannel Lined, Heavy Sole Leather Protection Over Lock and Muzzle, Outside Rod Pocket, Leather and Full Leather Bound, for Repeating Shot Guns..... **\$20.00** Per Dozen



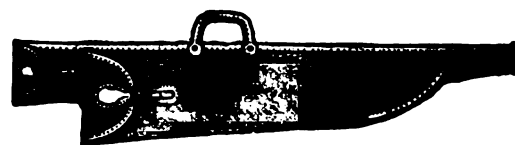
- For Autoloading and Repeating Shot Guns.**
No. 660G—Heavy, Waterproof Covert, Blanket Lined, Rubber Interlined, Full Bound, Lock and Muzzle Protected with Leather, Moulded Leather End, with Rod Pocket, for Remington Autoloading Shot Guns **\$20.00** Per Dozen
No. 034—Same as No. 660G, but for Winchester or Remington Repeating Shot Guns, Also Double Barrel Shot Guns, for 30 or 32 inch Barrels..... **20.00**
No. 760G—Same as No. 660G, but for Winchester Model 1911 Self-Loading Shot Guns, for 26 inch Barrels. **20.00**
No. 860G—Same as No. 660G, but for Winchester Model 1911 Self-Loading Shot Guns, for 28 inch Barrels. **20.00**
No. 920G—Same as No. 660G, but for Winchester Model 1912 Repeating Shot Guns, 20 and 16 Gauge, for 30 or 32 inch Barrels..... **20.00**

RIFLE CASES

CANVAS, VICTORIA PATTERN



- No. 274X—10 Ounce Tan Duck, Flannel Lined, with Flat Rod Pocket, Leather Handle, Flat End, Full Round, for 24, 26 and 28 inch Barrel Take Down Rifles **\$9.00** Per Dozen



- No. 200R—10 Ounce Tan Duck, Flannel Lined, Leather Handle, Flat End, Full Bound, for Stevens' Marksman and Crack Shot Rifles. **\$7.00** Per Dozen
No. 2900R22—Same as No. 200R, but for Stevens' Favorite Rifles **7.00**

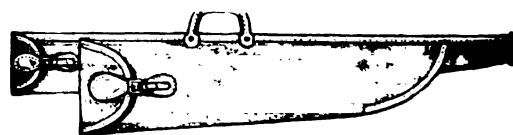


- No. 300R—15 Ounce Tan Duck, Flannel Lined, with Rod Pocket, Lock and Muzzle Protected with Leather, Leather Handle, Full Bound, for 24, 26 and 28 inch Barrel Take Down Rifles..... **\$16.00** Per Dozen
And Also .22 Winchester Automatic.



- No. 660R—Heavy Waterproof Covert, Blanket Lined, Rubber Interlined, Lock and Muzzle Protected with Leather, Moulded Leather End, Leather Handle, Full Bound, with Rod Pocket, for Remington Autoloading and Savage 250-3000 Repeating Rifles **\$20.00** Per Dozen
No. 660R22—Same as Above, for .22 Caliber Savage Hi-Power Rifles **20.00**
No. 760R—Same as No. 660R, but for .32, .35 and .351 Caliber Winchester Self-Loading Rifles.... **20.00**

LEATHER, VICTORIA PATTERN



- No. 5F—Oil Finished Black Grain Leather, Unlined, Leather Handle, for .22 Caliber Winchester Automatic Rifle and Other Take Down Rifles with 24 and 26 inch Barrel..... **\$36.00** Per Dozen

Note—Always State Length of Barrel Desired.

RIFLE CASES

FULL LENGTH



- No. 210R—10 Ounce Tan Duck, Flannel Lined, Leather Handle and End, Full Bound, for Rifles with 24, 26 and 28 inch Barrel.....\$7.00
- No. 155M—Same as No. 210R, Adapted to Maynard, Hamilton and All Small Rifles Measuring 32½ inches Over All.....7.00
- No. 46—Same as No. 210R, Adapted to Springfield Rifles. 7.00



- No. 250R—10 Ounce Tan Duck, Flannel Lined, Leather Sling and End, Full Bound, for Rifles with 24, 26 and 28 inch Barrel.....\$7.00



- No. 240R—20 Ounce Tan Duck Flannel Lined, Full Bound, Leather Lock and Muzzle Protected, Moulded Leather End, Combination Handle and Sling, for 24, 26 and 28 inch Barrel Rifles.....\$20.00
- No. 260—Same as No. 240R, but for 22 inch Remington Automatic Rifles.....20.00
- No. 1906—Same as No. 240R, but for 1906 and 01903 Winchester Rifles and Marlin and Winchester Carbines.....20.00



- No. 052—Soft Russet Leather, Adjustable Leather Sling, Loop Handle, Flap and Buckle for Rifles Having 20, 22, 24, 26 or 28 inch Barrels.....\$40.00

Note—Always State Length of Barrel Desired.

CHAMOIS GARMENTS

RITEWEAR CRAVENETTE-PROOFED—FOR MEN AND WOMEN

Selected Chamois rendered moisture-proof by the cravenette process, stylish and well fitting, will hold their shape and will neither crack nor go to pieces until worn out. Silk thread is used throughout, and buttonholes reinforced with extra pieces of chamois.

★PLAIN JACKETS



Handsomely Made, Three Pockets with a Button and Buttonhole, Two Lower Pockets are Extra Large, Furnished with a High or Low Cut Neck, with a Military Collar and Wrist Tabs on Sleeves.

Golden Buff.

Each

- No. 10A—Not Sueded or Cravenette-Proofed\$13.50
- No. 10B—Not Sueded, but Cravenette-Proofed14.50
- No. 10C—Sueded, but Not Cravenette-Proofed15.00
- No. 10D—Sueded and Cravenette-Proofed16.50

Gray and Reindeer Brown.

Each

- No. 20A—Not Sueded or Cravenette-Proofed\$15.00
- No. 20B—Not Sueded, but Cravenette-Proofed16.00

Dark Brown.

Each

- No. 30A—Not Sueded or Cravenette-Proofed\$18.00
- No. 30B—Not Sueded, but Cravenette-Proofed20.00

For Military Collar, Add \$1.00 to List.

★TRAP SHOOTING JACKETS



Especially Designed for Trap Shooting, Large Pockets. The Cravenette-Proofed Coats have Flaps Over Pockets, Others have Buttons, Gussets Under the Arms, Right Shoulder has Pad Against which the Rifle Butt May Rest.

Golden Buff.

Each

- No. 40A—Not Sueded or Cravenette-Proofed\$16.00
- No. 40B—Not Sueded, but Cravenette-Proofed17.50
- No. 40C—Sueded, but not Cravenette-Proofed18.00
- No. 40D—Sueded and Cravenette-Proofed20.00

Gray and Reindeer.

Each

- No. 50A—Not Sueded or Cravenette-Proofed\$19.00
- No. 50B—Not Sueded, but Cravenette-Proofed20.00

Dark Brown.

Each

- No. 60A—Not Sueded or Cravenette-Proofed\$24.00
- No. 60B—Not Sueded, but Cravenette-Proofed26.00

★OUTING SHIRTS



Medium Weight, Made in the Form of a Coat Shirt and can be Slipped Off and On Like a Coat. Has a Turn-Down Collar and Two Breast Pockets with Flaps and Button, Wrist Tabs on Sleeves. They are Close-Fitting and Very Desirable for Outdoor Sports and Automobiling. For General Use in the Woods and for "Roughing it" this Shirt has Many Advantages Over Any Form of Jacket.

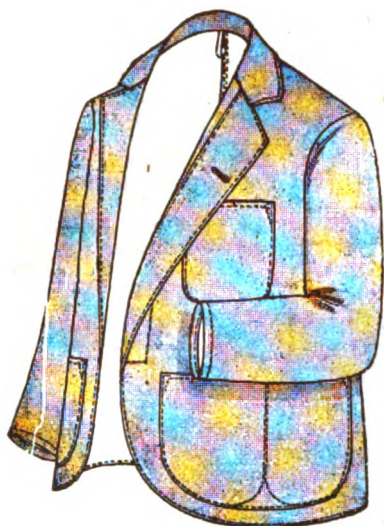
Made in Golden Buff or Natural Color Only, and is Washable.

- No. 75—Regular Chamois.....\$12.00
- No. 85—Sueded Chamois.....15.00

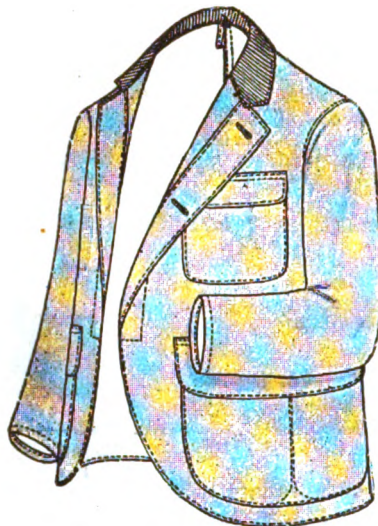
Note—Above Garments are Furnished in All Sizes; When Ordering, Give Measurements Wanted.

★Not Carried in Stock; Sold Only for Direct Factory Shipment.

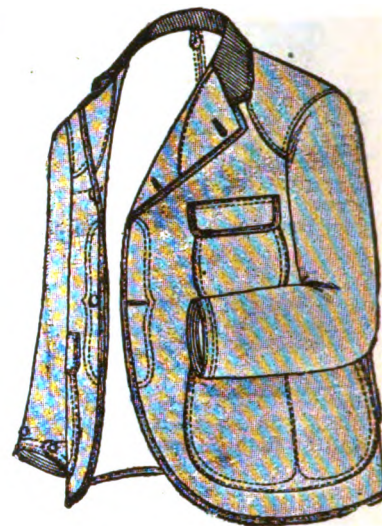
HUNTING COATS



Per Dozen
No. 071—Heavy Drill, Olive Tan Color, Five Outside Pockets, Two Inside Skirt Game Pockets\$18.00



Per Dozen
No. 073—8 Ounce Duck, Olive Tan Color, Corduroy Collar, 6 Outside Cut-in Pockets with Flaps, 2 Inside Game Pockets, with Entrance from Front Edge\$30.00



Per Dozen
No. 074B—Fine 8 Ounce Duck, Olive Tan Color, Drill Lined, Reinforced Shoulders, Corduroy Collar and Cuffs, Full Leather Bound, 6 Outside Pockets with Flaps, Game Pockets with Entrance from Front Edge\$36.00



Per Dozen
No. 075G—10 Ounce Superior Duck, Olive, Tan Color, Full Lined with 8 Ounce Standard Duck, Adjustable Corduroy Collar and Cuffs, Reinforced Shoulders, Ventilated Gusset Under Arms, Match Pocket and Striker on Inside of Coat, 6 Outside Pockets with Flaps, 3 Inside Game Pockets with Entrance from Front Edge and Back Seams, Double Stitched Throughout\$44.00



Per Dozen
No. 077B—10 Ounce Duck, Olive Tan Color, Full Lined with 10 Ounce Duck, Corduroy Collar and Cuffs, Adjustable Sleeves, Leather Shoulder Pads, Double Shell and Breast Pockets Cut in with Flaps, Full Game Pockets with Front and Side Entrance, Whistle Pocket, Double Stitched, Full Leather Bound, Metal Buttons..\$48.00



Per Dozen
No. 008—10 Ounce Army Duck, Olive Tan Color, Full Khaki Lined, Corduroy Collar and Cuffs, Adjustable Reinforced Shoulders, Double Stitched, 6 Outside Pockets with Flaps, Reinforced, 3 Game Pockets with Entrance from Front Edges and Back Seam, Facing Stitched, Pockets Cut in\$56.00

Each Style Carried in Stock in the Following Breast Measures: 40, 42, 44, 46, 48 and 50.

★Size 52 add 33½ Per Cent to Net Price. Sizes 48 to 50, add 20 Per cent to Net Price.

★Not Carried in Stock; Furnished to Order Only Direct from Factory.

HUNTING COATS



Per Dozen

No. 078K—Waterproof Standard Government Khaki, Full Lined with 8 Oz. Army Duck, Dead Grass Color, Corduroy Collar and Cuffs, Reinforced Shoulders, Adjustable Sleeves, 6 Outside Pockets, 1 Whistle Pocket, with 3 Game Pockets, Entrance from Front and Side, Double Stitched Seams, Metal Buttons\$56.00



Per Dozen

No. 056—Field Coat, Made of 10 Oz. Standard Double Warp Tan Duck, Cut Square Front, Extra Long, Full Blanket Lined, has 4 1/2 inch Collar with Throat Tab, Reinforced and Padded Shoulders, Adjustable Cuffs, Corduroy Lined, 4 Outside Shell Pockets, also 2 Vertical Hand Pockets, Lined with Wool Kersey, Corduroy Faced, Especially Designed to Keep the Hands and Wrists Warm, 3 Inside Game Pockets, Entrance from Front Edge and Back Seams, Double Stitched Throughout and Extra Well Made. This is Absolutely the Warmest and Most Practical Hunting Coat on the Market Today\$80.00



Per Dozen

No. 030B—Coat, 12 Oz. Government Standard U. S. Army Olive Tan Duck, Full Lined with 8 Oz. Army Duck, 4 inch Corduroy Collar with Throat Tab, Sateen Lined Sleeves, Adjustable Cuffs, Corduroy Lined, Reinforced and Padded Horsehide Leather Shoulders, 6 Outside Cut-in Pockets, 3 Inside Game Pockets, Fancy Silk Stitched Corners of Pockets and Lapels Silk Crowfeet Tacked, Full Leather Bound, Large Bone Buttons, Double Stitched\$84.00

SHOOTING VESTS



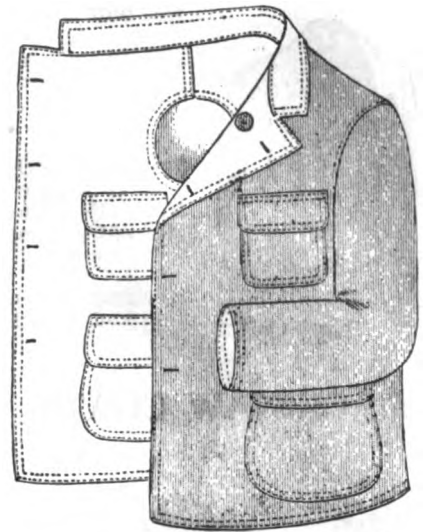
Per Dozen

No. 15—8 Ounce Duck, Dead Grass Color, without Pockets, but with Loops for 40 Shells, 12 Gauge, Loops Closed at Bottom.....\$16.00
 No. 16—Same as No. 15, but for 16 Gauge Shells..... 16.00
 No. 17—Same as No. 15, but for 20 Gauge Shells..... 16.00
 Sizes Carried in Stock, 40, 42 and 44.

Coats—Each Style (Except Nos. 600 and 500) Carried in Stock in the Following Breast Measure: 40, 42, 44, 46, 48 and 50.

Sizes 48 to 50, Add 20 Per cent to Net Price. Size 52, Add 33 1/2 Per cent to Net Price.

Not Carried in Stock; Furnished to Order Only Direct from Factory.



Per Dozen

No. 600—Reversible, Oil Tanned Leather, Tan Color and Imported Corduroy, 2 Large and 2 Small Pockets on Each Side, Four Button, Double Breasted, Chest Measure 46 and 48 inches.....\$196.00

HUNTING PANTS



Per Dozen

No. 76P—8 Oz. Standard Duck, Dead Grass Color, 2 Front, 2 Hip, Patch Pockets\$18.00
 No. 78P—10 Oz. Standard Duck, Dead Grass Color, 2 Front, 2 Hip and Watch Pockets, Cut-in 24.00
 No. 80P—Genuine Army Khaki Waterproof, 2 Front, 2 Hip and Watch Pockets, Cut-in. 36.00
 Our Pants are cut extra wide and can be used as overalls. They will not bind at the knee.
 Sizes carried in stock: 34 to 48; in-seam measure, 33.
 Sizes larger than 48 waist, add 10 per cent to net cost.

SWANSBACK CLOTHING

FRANKFURTH'S WATERPROOF
HUNTING COATS

- No. 20F—8 Ounce Waterproof Duck, Sage Green Color, Full Lined with Sage Green Color Duck, Corduroy Collar, Sleeve Edges Lined with Corduroy, Adjustable Tabs on Sleeves, Adjustable Storm and Collar Tab at Neck, Four Shell Pockets, One Call Pocket, Two Game Pockets with Entrance from Front Edge, Two Rear Game Pockets and Match Scratcher on Inside of Coat **\$60.00** Per Dozen

Breast Measure: Same Sizes as Preceding Pages.

HUNTING VESTS

- No. 23F—8 Ounce Waterproof Duck, Sage Green Color, to Match No. 20F Coat, with Loops for 12 Gauge Shells..... **\$24.00** Per Dozen
No. 24F—Same as No. 23F, but for 16 Gauge Shells..... **24.00**
No. 25F—Same as No. 23F, but for 20 Gauge Shells..... **24.00**

Sizes Carried in Stock: 40, 42 and 44.

HUNTING PANTS

- No. 22F—8 Ounce Waterproof Duck, Sage Green Color, to Match No. 20F Coat, 2 Front, 2 Hip and Watch Pockets, Cut-in, Reinforced Double Front and Seat..... **\$40.00** Per Dozen
Sizes Carried in Stock: 36 to 48; Inseam Measure, 33.
Sizes Larger than 40 Waist, Add 10 Per cent to Net Cost.

MACKINAW COATS



- No. 498—Single Breasted, Medium Weight, Mixed Colors. **\$5.50** Each
No. 311—Single Breasted, Heavy Weight, Mixed Colors..... **8.00**
No. 328—Single Breasted, Heavy Weight, Extra Quality, Mixed Colors **10.00**

Above Coats can also be had in all red color for deer shooting. Coats made in Double Breasted style 10 per cent advance.

Sizes 36 to 48.

WOOL SHOOTING JACKETS



- No. 33—Alaska, Extra Heavy Knit, All Wool, Grey and Dead Grass Color, Extra Strong, with Strap Across Throat, for Rough Usage and Cold Weather **\$7.00** Each
Sizes: 40, 42, 44 and 46.

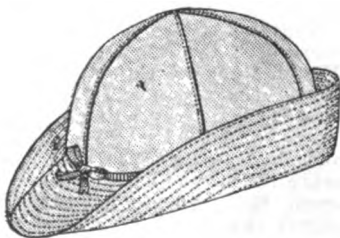
For Sizes 46 and Larger, Add 50 Cents Each Net.



- No. 44—Extra Heavy, Hand Knit, All Wool, Seamless, Grey and Tan Color, Four Breast Pockets, for Rough and Cold Weather **\$8.00** Each
Sizes: 40, 42, 44 and 46.

For Sizes 46 and Larger, Add 50 Cents Each Net.

SHOOTING CAPS



No. 563.



No. 58.



No. 50.



No. 27.

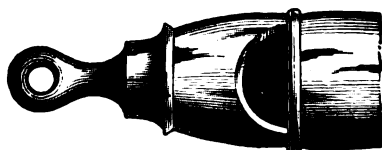
- No. 563—8 Ounce Waterproof Khaki, Dead Grass Color, Taped Seams, Double Stitched, Stitched Brim, Fur Lined Ear Bands, which Fold Inside of Cap. **\$17.00** Per Dozen
No. 58—8 Ounce Canvas, Dead Grass Color, Red Flannel Lined Band Folded Inside of Cap, Stiff Brim, the Canvas can be Pulled Over to Show Red, Making an Excellent Cap for Deer Hunting..... **12.00**

Sizes: 6 7/8 to 7 1/2.

- No. 50—Light Weight Khaki, Tan Color, for Early Fall Shooting **\$8.00** Per Dozen
No. 27—8 Ounce Army Duck, Single Stiff Visor, Full Cape, Flannel Lined, a Splendid Cap for Rough Weather **7.00**

Sizes: 6 7/8 to 7 1/2.

WHISTLES



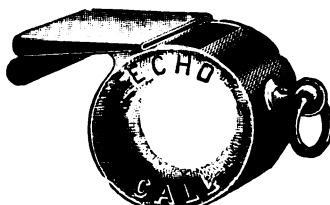
No. 1—Britannia, White Metal, 1 1/2 inches Long.....\$3.00
One Dozen in a Box.



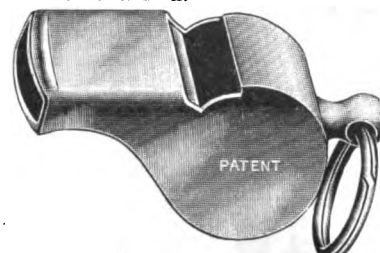
No. 2465—Horn, Large Size.....\$5.00
One Dozen in a Box.



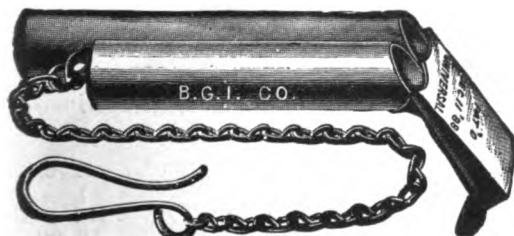
No. 20—Tin, Nickel Plated, when Blown it Resembles a Water Whistle as Almost Any Note Can be Produced with it.....\$2.00
One Dozen in a Box.



No. 30—Echo, Nickel Plated, Finely Finished.....\$3.60
One Dozen in a Box.



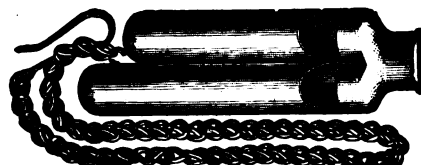
No. 500—Acme Thunderer, Heavy Brass, Nickel Plated, the Whistle with a Big Noise that Can be Heard.....\$6.00
One Dozen in a Box.



No. 25—Universal, Nickel Plated, with Chain and Hook.....\$4.00
One Dozen in a Box.



No. 130—Police, Bean's Patent, Nickel Plated, with Chain and Hook.....\$20.00
One Dozen in a Box.



No. 125—Police, Duplex, Nickel Plated, with Chain and Hook.....\$4.00
One Dozen in a Box.

POLICE LANTERNS



No. 20.



Nos. 1 and 2.

No. 20—Bull's-Eye, 8 inches High, 3 inch Bull's-Eye Lens, Tin, Japanned Brown, Special Signal Oil Ratchet Burner, 5/8 inch Wick, with Improved Combination Handle or Bail, and a Movable Slide or Cut-off Behind the Bull's-Eye for Shutting off the Light.....\$19.00
The slide may be revolved forward or backward by the thumb of the left hand holding the lantern, leaving the right hand free.

Weight Per Dozen 22 Pounds.
Two Dozen in a Box.

No. 1—2 1/2 inch Lens, Tin, Japanned Brown, with Adjustable Bottom to Remove Lamp, with Slide.....\$11.50
No. 2—2 1/4 inch Lens, Otherwise Same as No. 1.....12.50
Weight Per Dozen 8 Pounds.
One Dozen in a Box.

DOG COLLAR LOCKS

SCANDINAVIAN



Nos. 301N and 301G.



Nos. 302N and 302G.

No. 301N—5/8 inch, Nickel Plated.....\$3.50
No. 301G—5/8 inch, Gilt.....3.50
No. 302N—3/4 inch, Nickel Plated.....4.00
No. 302G—3/4 inch, Gilt.....4.00

AMERICAN

SECRET



Nos. 30 to 5371.



No. 190.

No. 30—5/8 inch, Wrought Brass, 1 Key.....\$2.75
No. 31—3/4 inch, Wrought Brass, 1 Key.....3.00
No. 32—1 inch, Wrought Brass, 1 Key.....3.50
No. 5371—Assorted on Cards, 5/8 and 3/4 inch, Brass... 3.00
No. 190—Nickel Plated, without Keys, 12 on a Card...\$1.75

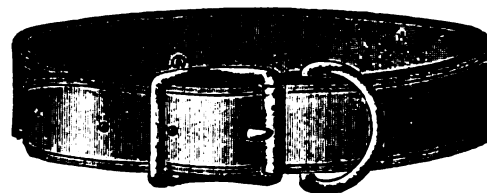
DOG COLLARS



Orange Leather, Lined with Chamois, Scalloped Edges, Nickel Plated Trimmings, to Lock.

No.	1956
Width, Inches	$\frac{1}{2}$
Length, Inches	9, 11, 13
Per Dozen	\$5.00

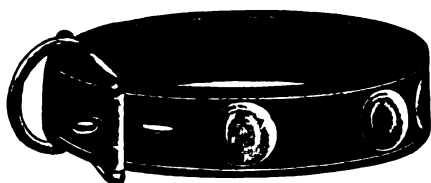
One Dozen Assorted in a Box.



Russet Leather, Plain Buckle, Riveted, Nickel Plated Trimmings.

Nos.	7	8	9	10
Width, Inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Length, Inches ...	13, 15, 17	15, 17, 19	17, 19, 21	19, 21, 23
Per Dozen	\$3.00	4.00	6.00	7.50

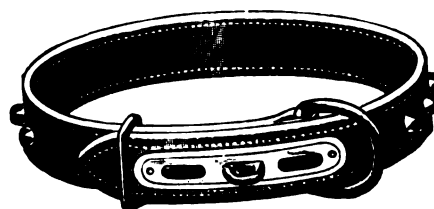
One Dozen Assorted in a Box.



Heavy Black Harness Leather, Single Thickness, Round Brass Studs, Heavy Name Plate, Loop Tongue Buckle.

Nos.	280	281	282	283
Width, Inches	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$
Length, Inches ...	12, 14, 16	13, 15, 17	15, 17, 19	17, 19, 21
Per Dozen	\$4.00	5.00	7.00	9.00

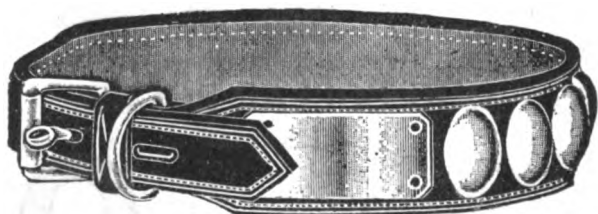
One Dozen Assorted in a Box.



Russet Leather, Doubled and Stitched, Studded, Nickel Plated Trimmings, to Lock.

Nos.	1275	1276
Width, Inches	1	$1\frac{1}{4}$
Length, Inches	15, 17, 19	91, 21, 23
Per Dozen	\$10.50	16.00

One Dozen Assorted in a Box.



Heavy Black Leather, Doubled and Stitched, Oval Brass Studs, Large Name Plate, Brass Trimmings, Loop Tongue Buckle.

Nos.	983	984
Width, Inches	1	$1\frac{1}{4}$
Length, Inches	15, 17, 19	16, 18, 20
Per Dozen	\$14.00	17.00

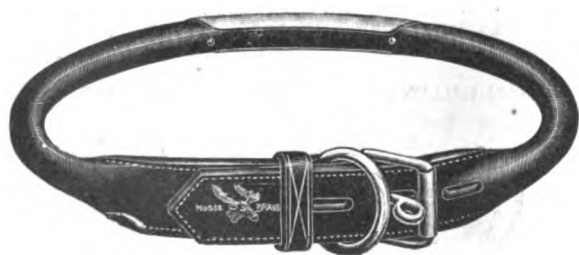
One Dozen Assorted in a Box.



"Hunting Dog Collar," Heavy Genuine English Bridle Leather, Solid Brass Trimmings, Loop Tongue Buckle, a Well Made Plain Serviceable Collar.

No.	975
Width, Inches	1
Length, Inches	15, 17, 19
Per Dozen	\$9.00

One Dozen Assorted in a Box.



Russet Leather, Hand Sewed Round, Nickel Plated Trimmings, Loop Tongue Buckle.

No. 1524— $\frac{3}{8}$ inch Diameter, Width at Buckle 1 inch,	Per Dozen
Lengths 15, 17, 19 inches.....	\$15.00

One Dozen Assorted in a Box.

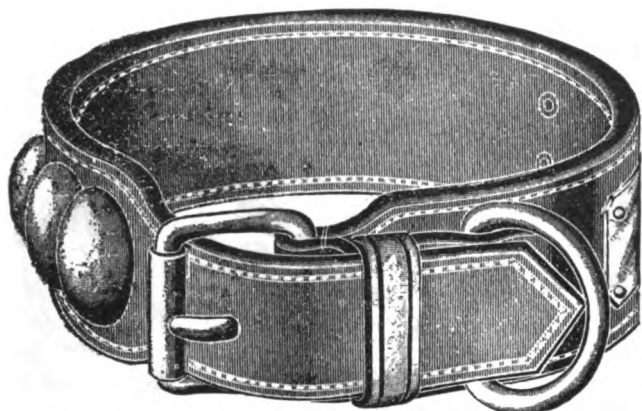


"Training Collar," Russet Leather, Hand Sewed Round, Reversible Spikes, Nickel Plated Trimmings.

No. 1531— $\frac{3}{8}$ inch Diameter, Lengths 17, 19, 21 inches, $\frac{5}{8}$ inch Buckle.....	Per Dozen
	\$21.00

One Dozen Assorted in a Box.

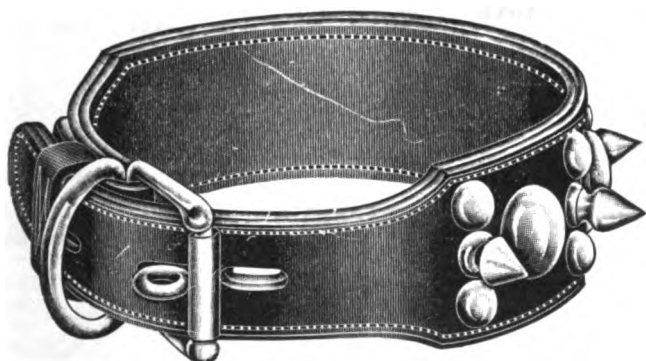
DOG COLLARS



Bull Terrier, Best Heavy Black Leather, Heavy Brass Trimmings, Loop Tongue Buckle.

Nos.	1757	1758
Width, Inches	1 ½	2
Length, Inches	14, 16, 18	16, 18, 20
Per Dozen	\$17.00	21.00

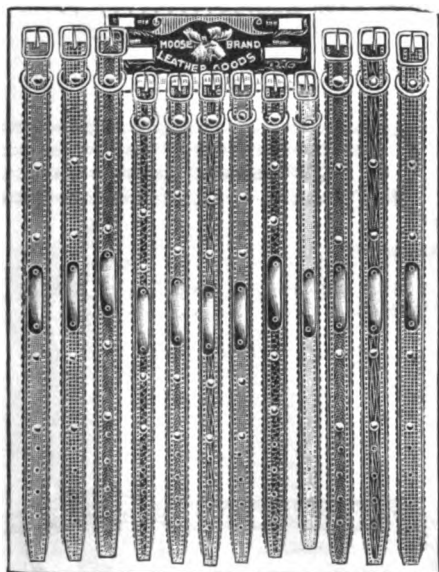
One Dozen Assorted in a Box.



Bull Terrier, Heavy Black Leather, Heavy Brass Trimmings, Loop Tongue Buckle.

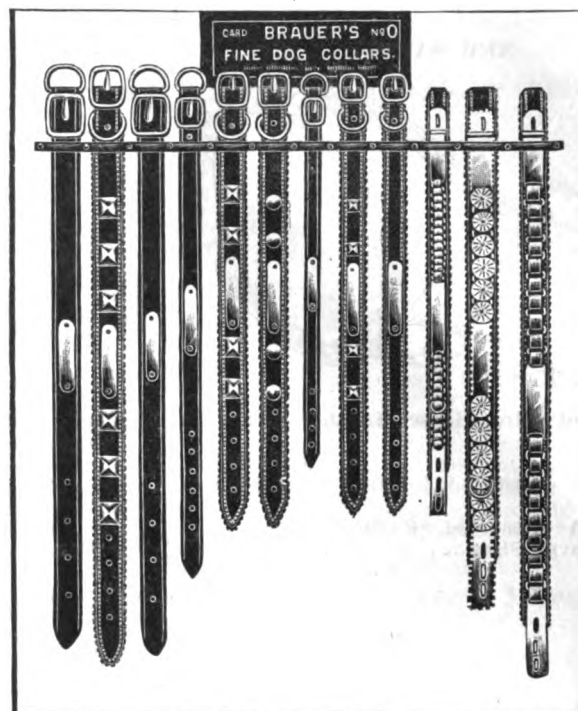
No. 1717—Width 1 ½ inches, Lengths 14, 16, 18 inches	Per Dozen
	\$25.00

One Dozen Assorted in a Box.



Heavy Felt Lined, Assorted Colors Leather and Lining. An Exceptionally Good Value.

No. 513 Assortment—12 Collars, Assorted ½ to ¾ inch Wide, 12 to 16 inches Long, Tinned Buckles and Rings, Four Studs on Each Collar with Name Plate, Lining Well Stitched, Display Card of 1 Dozen.....	Per Card
	\$2.50

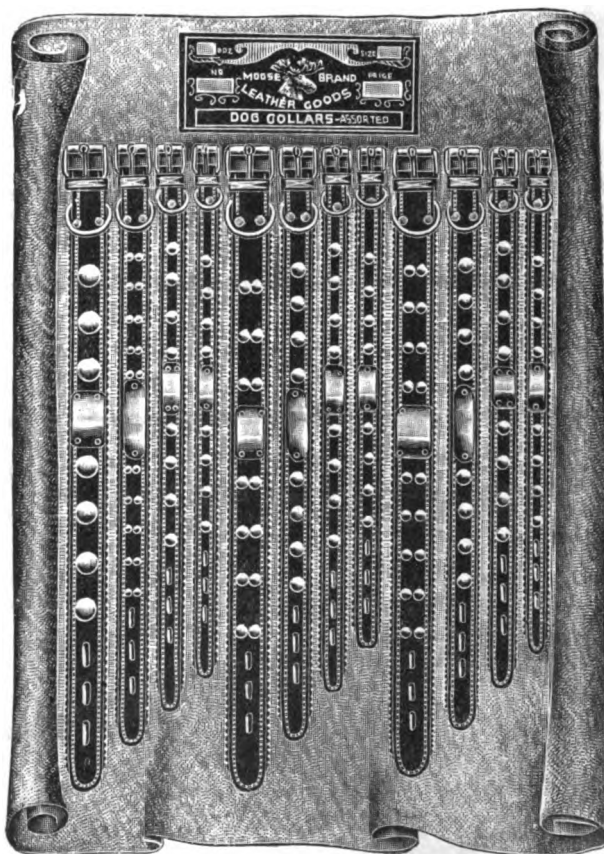


To Lock and Buckle.

Per Card

No. 1011 Assortment—12 Collars, Assorted Colors and Sizes, ½ to 1 inch Wide, 11 to 18 inches Long, on Display Card

\$4.00

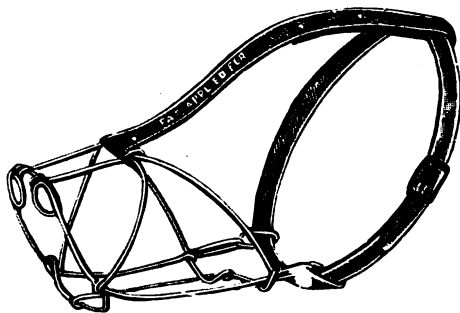


No. T Assortment—12 Collars, Black Leather, Three Each ½, ¾, 1 and 1 ¼ inches Wide, Assorted Lengths 11 to 17 inches, Spotted, Loop Tongue Buckles, Brass Trimmings.....	Per Card
	\$7.00

Note—Assortments Sold Only by the Full Card.

DOG MUZZLES

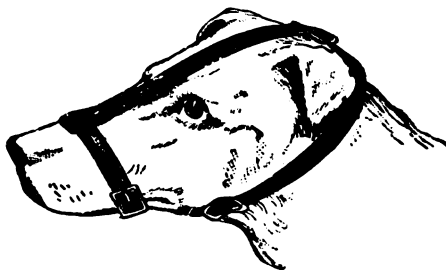
NEW SAFETY



Tinned Wire, Russet Leather Straps.

	Per Dozen
No. 3A—Assorted, 3 Large Sizes	\$4.15
No. 6A—Assorted, 6 Small and Large Sizes	3.00

LEATHER



Russet Leather, Adjustable to Neck, Snout and Length of Head, with Buckles.

Nos.	10S	10M
Width, inches	1/2	5/8
Collar, inches	11 to 13	15 to 17
Per Dozen	\$3.75	4.75

Nos.	10L	10XL
Width, inches	3/4	1
Collar, inches	19 to 21	22 to 24
Per Dozen	\$5.65	7.50

ELGIN



Adjustable, Strong Webbing, with Buckle.

Nos.	1	2	3
Size	Large	Medium	Small
Per Dozen	\$3.75	3.75	3.75

A humane Muzzle, it don't choke, will fit any dog.

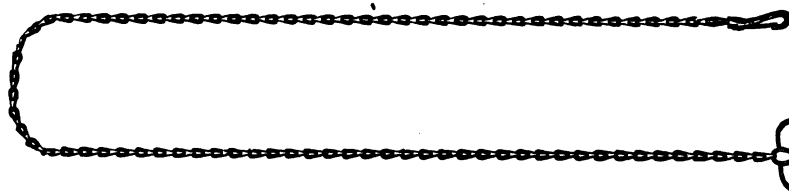
DOG LEADS



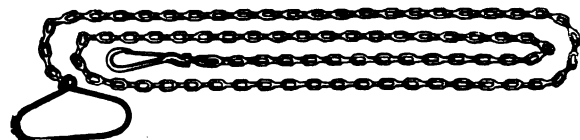
QUALITY

GUARANTEED

No. 090—5 feet Long, Welded No. 6 German Coil Links, Polished Swivel Snap at Each End	Per Dozen \$4.00
No. 105—5 feet Long, Welded No. 4 German Coil Links, Polished Swivel Snap at Each End	6.00

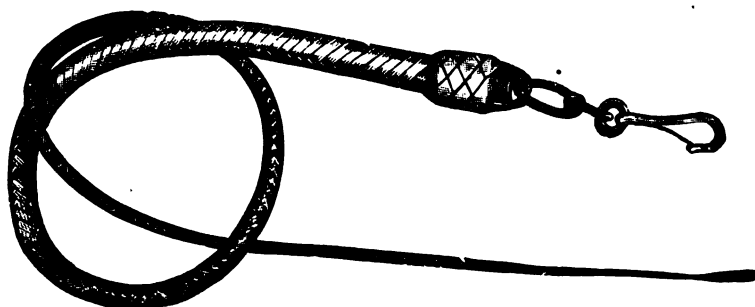


	Per Dozen
No. 7—American Pattern, 4 feet Long, Nickel Plated and Polished	\$4.00



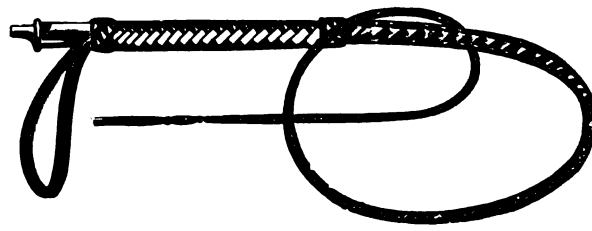
	Per Dozen
No. 33—American Pattern, 4 feet Long, Nickel Plated and Polished	\$4.00

DOG WHIPS



Braided Leather, Flexible Handle.

	Per Dozen
No. 2441—Light, with Snap	\$ 8.00
No. 2443—Heavy, with Snap	17.50



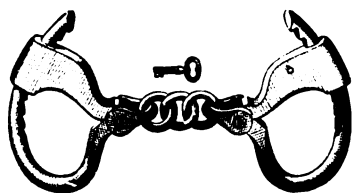
Braided Leather, Flexible Handle.

	Per Dozen
No. 2440—With Whistle and Loop on Handle	\$10.00

POLICE GOODS

HAND CUFFS

TOWER'S DOUBLE LOCK

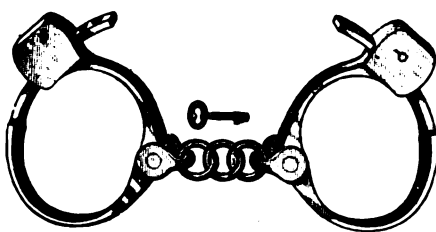


Drop Forged Steel Shackle.

Per Pair

No. 200—Nickel Plated, Self-Locking, Locked with a Key in Addition to Self-Locking Device, Adjustable to Any Size\$6.00

TOWER'S DETECTIVE

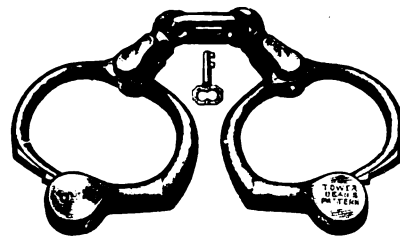


Forged Steel Bows, Self-Locking.

Per Pair

No. 300—Nickel Plated, Extra Light Weight, Adjustable, Self-Acting Bolt which Cannot be Forced, Secure and Strong\$6.00

TOWER'S BEAN'S PATTERN

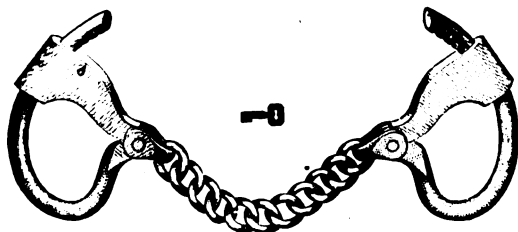


Forged Steel, Adjustable.

Per Pair

No. 500—Nickel Plated, Extra Light Weight, Connecting Swivel Links, Absolutely Secure, Cannot be Picked, a Slight Pressure on the Catch Locks the Cuff Securely....\$5.00

TOWER'S DOUBLE LOCK LEG IRONS



Forged Steel Shackles.

Per Pair

No. 100—Nickel Plated, Self-Locking, Locked with a Key in Addition to Self-Locking Device, Works Automatically\$9.00

TOWER'S PERFECT TWISTERS

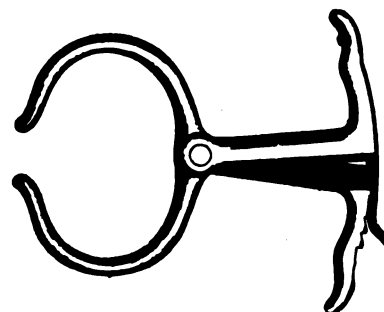


Perfect Welded Chain.

Each

No. 1—Nickel Plated, Handles Interlock from Either Side..\$1.00

PHILLIPS' PATENT NIPPERS



Improved Pattern, Forged Steel.

Each

No. 19—Nickel Plated, Readily Applied, Worked Easily with One Hand\$1.00

STARS

Made to Order Only and Cannot be Returned.



Each

No. 33—Police Star, German Silver, Nickel Plated.....\$3.00



Each

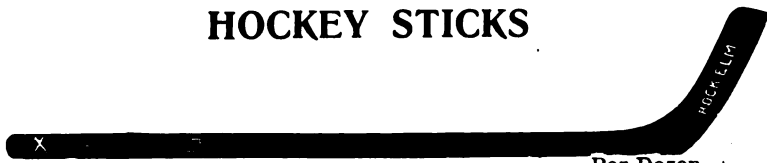
No. 14—Police Star, German Silver, Nickel Plated.....\$4.00



Each

No. 11—Marshall Star, German Silver, Nickel Plated.....\$4.50

HOCKEY STICKS




	Per Dozen
No. 3—Shamrock, Men's, Highest Grade, White Rock Elm, Grooved Handle, Beveled Blade.....	\$12.00
No. 5—Practice, Men's, High Grade, White Rock Elm, Beveled Blade	9.00
No. 7—Scorers, Men's High Grade Ash, Oiled Beveled Blade	6.00
No. 8—O. H. A., Men's, Good Grade Rock Elm.....	3.00
No. 9—Boys', Good Grade Rock Elm, Painted Red..	1.80
No. 10—Juvenile	2.00

HOCKEY PUCKS




	Each
No. 10—Rubber Hockey Pucks.....	\$0.50

POLO STICKS



	Per Dozen
No. A—Selected Young Growth Hickory	\$3.50
No. C—Selected Young Growth White Ash.....	1.90
No. E—Selected White Ash.....	.99
No. G—Boys', Selected Young Growth Oak.....	.79

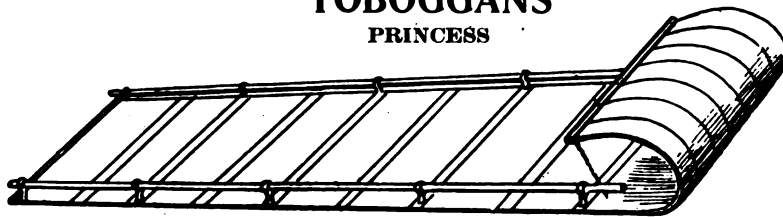
SHINNY STICKS



	Per Dozen
No. 13—Bent Hickory Head.....	\$2.40

TOBOGGANS


PRINCESS



Straight Grained Wooden Slats, Flat Bottoms, Slats Fastened Together by Wooden Cross Bars and Securely Screwed to the Bars, Hand Roped, with Side Rails.

Nos.	4	6	8
Length, Feet	4	6	8
Each	\$6.00	10.00	14.00

SKI POLES

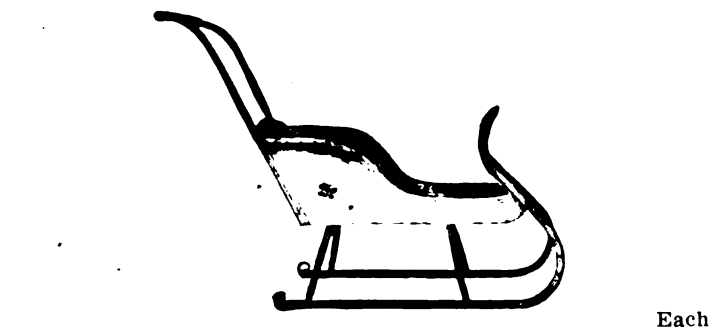


	Each
No. 1B—Bamboo, with Flexible Washer.....	\$0.60



	Each
No. 1H—Hardwood, with Rigid Washer.....	\$0.60

CHILDREN'S CUTTERS



	Each
No. 550—38 inches Long, 15 inches Wide, Body Nicely Painted in Pleasing Colors, Decorated and Striped in a Tasteful Manner	\$5.00
No. 555—Seat and Back Upholstered in Damask, Otherwise Same as No. 550.....	7.00
One in a Crate.	



	Each
No. 580—42 inches Long, 18 inches Wide, Handsomely Finished, Decorated and Striped, Seat and Back Upholstered in Damask, Gear Made Entirely of Second Growth Hardwood, Three Knees, Six Tinned Knee Braces, Oval Shoes.....	\$9.00
One in a Crate.	

These Cutters have a Bent Dash High and Wide Enough to Form a Protection from the Wind.

SKIS
BADGER

Best Quality Selected Norway Pine.

Finished in Natural Wood with Several Coats of Oil and Waterproof Varnish, Fancy Stripes, Supplied with Heavy Mortised (Not Nailed) Toe Straps and Rubber Foot Rests. Made in Both Boys' and Men's Sizes.

Nos.	4P	5P	6P	7P	76P	8P
Length, Feet	4	5	6	7	7½	8
Per Pair.....	\$1.00	1.25	1.50	2.25	2.50	2.75

Best Quality Selected Maple.

Mahogany Finish, Fancy Grooved White Stripes, Supplied with Heavy Mortise (Not Nailed) Toe Straps and Corrugated Rubber Foot Rests, Made in Both Boys' and Men's Sizes.

Nos.	5B	6B	7B
Length, Feet	5	6	7
Per Pair	\$2.00	2.50	3.00

Selected Quality Straight Grained Ash.

Finished in Black with Oil and Waterproof Varnish, Fancy Grooved Stripes, Heavy Leather Toe Straps and Corrugated Rubber Foot Rests.

	Per Pair
No. 7A—7 feet Long, Ladies' Size	\$4.25
No. 76A—7½ feet Long, Men's Size	4.75

Best Quality Straight Grained Second Growth Hickory,

Otherwise Same as Nos. 7A and 76A.

	Per Pair
No. 7H—7 feet Long.....	\$5.80
No. 76H—7½ feet Long.....	6.00

Badger Skis are the very latest Norwegian Models, modified for the use of American trade. They are smooth finish and varnished, strap holders are mortised. Skis 6 foot and over are of 1¼ inch material.

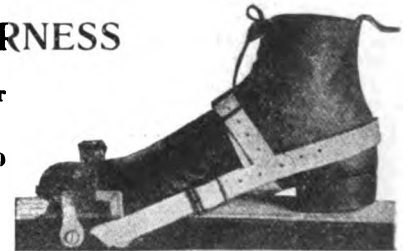
How Long a Ski Shall I Use?

Here is a general rule which will be found applicable in nearly every instance:

Put the Ski on the ground in a vertical position, then stretch your arm up at full length and choose a Ski that you can barely reach the point of with the tip of your long finger.

SKI HARNESS

	Per Pair
No. 2—Leather Bindings, with Metal Side Plates.....	\$1.50



STEERING SLEDS



The Runners are so Curved in Front to Give a Maximum Length of Steering Surface. Steering Bar Works Perfectly.



Nos. 130 to 132.

No. 133.

- Stamped Steel Knees, Best Crucible Spring Steel 1. Shaped Runners, Red Enameled Gear and Runners, Beautifully Painted and Decorated Rock Elm Top.
- | | |
|--|---------|
| No. 130—Eskimo, 33 inches Long, 11 inches Wide, 6 inches High, Capacity One Adult, Weight Per Dozen 90 Lbs. . . | \$19.50 |
| No. 131—Eskimo, 36 inches Long, 12 inches Wide, 6 inches High, Capacity One Adult, Weight Per Dozen 102 Lbs. . . | 22.00 |
| No. 132—Eskimo, 40 inches Long, 13 inches Wide, 6 1/4 inches High, Capacity One Adult or Two Children, Weight Per Dozen 114 Lbs. . . | 26.50 |
| No. 133—Dreadnaught, 45 inches Long, 14 inches Wide, 8 1/4 inches High, Capacity Two Adults or Three Children, Weight Per Dozen 168 Lbs. . . | 33.00 |

One-sixth Dozen in a Crate.

COASTERS



Per Dozen

- No. 1—30 inches Long, 10 inches Wide, Hardwood, Finished on the Wood, Top Neatly Ornamented with Animals and Scrolls, Two Hand Holes, Flat Shoes . . . \$7.00
- One-half Dozen in a Crate.



Per Dozen

- No. 10—36 inches Long, 11 inches Wide, Michigan Hardwood, Gear Finished on the Wood, Top Painted and Decorated, Four Hand Holes, Round Spring Shoes. . . \$10.00
- No. 12—42 inches Long, 12 inches Wide, Top Painted and Ornamented with Animals, Etc., Otherwise Same as No. 10. . . 15.00
- One-half Dozen Assorted Designs in a Crate.



Per Dozen

- No. 16—42 inches Long, 12 inches Wide, Gear Nicely Finished on the Wood, Top Painted Bright Colors and Ornamented by Hand with Landscapes, Flowers, Etc., Four Hand Holes, Round Spring Shoes . . . \$20.00
- One-half Dozen Assorted Designs in a Crate.



Per Dozen

- No. 18—42 inches Long, 12 inches Wide, Polished Maple Runners, Highly Finished, Braced with Four Angle Braces, Top Painted Principally in Two Colors, Neatly Panelled and Finely Decorated by Hand with Landscapes, Flowers, Etc., Four Hand Holes, Round Spring Shoes, Scrolled and Tinned at Points . . . \$26.50
- One-Third Dozen Assorted Designs in a Crate.

COASTERS



Per Dozen

- No. 31X—42 inches Long, 12 inches Wide, Extra Long Top Board, Highly Decorated and Artistically Striped, Three Cross Beams, Extra Heavy Runners, Heavily Curved and Braced, Four Angle Irons, Four Hand Holes, Round Spring Shoes. \$40.00
- One-third Dozen Assorted Designs in a Case.

HAND SLEDS



Per Dozen

- No. 90—30 inches Long, 11 inches Wide, Two Frame Bent Knees, Set at an Angle, Finished on the Wood, Top Painted and Decorated in Assorted Colors, Flat Shoes. . . \$7.00
- One-half Dozen Assorted in a Crate.



Per Dozen

- No. 105X—36 inches Long, 12 inches Wide, Three Perfection Bent Knees, Braced with Six Braces, Finished on Wood, Top Nicely Painted and Handsomely Decorated, Flat Shoes . . . \$10.50
- One-half Dozen Assorted in a Crate.



Per Dozen

- No. 125—36 inches Long, 12 inches Wide, Three Perfection Bent Knees, Six Full Length Tinned Braces, Gears Finished on Wood, Top Handsomely Hand Decorated, Oval Shoes, Tinned Malleable Goose Necks. . . \$20.00
- One-half Dozen Assorted in a Crate.

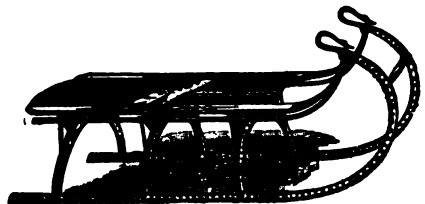
HAND SLEDS



Per Dozen

- No. 330—33 inches Long, 11 inches Wide, Gear Made of Second Growth Stock, Securely Braced with Six Tinned Knee Braces and Four Runner Braces, Top Shaped on Edges and Beautifully Decorated, Entire Sled Finished on Wood, Ash Fenders, Oval Shoes. . . \$20.00

One-half Dozen Assorted in a Crate.



Per Dozen

- No. 260—36 inches Long, 13 1/2 inches Wide, Six Tinned Braces, Gear Finely Finished on the Wood, Top Hand Painted in Two or More Varieties of Decorations, Ash Fenders, Swan Necks, Oval Shoes. . . \$22.00

One-half Dozen Assorted in a Crate.

BABY GUARDS



Cut Shows Guard Attached to Sled.

Per Dozen

- No. 520—18 inches Long, 14 1/2 inches Wide . . . \$8.50

An idea that supplies the demand for light, strong and cheap guards for children too small to sit on a sled unsupported.

One Dozen Nested in a Crate.

ICE SKATES

MEN'S SCREW CLAMP



Per Pair

No. 300—Cast Steel Runners, Polished, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps. \$0.55

No. 302—All Parts Nickel Plated, Otherwise Same as No. 300.90

No. 304—High Percentage of Carbon Steel Runners, Hardened and Polished, Top Plates have Polished Edges, All Parts Nickel Plated, Otherwise Same as No. 300. 1.80

No. 305—Keene Special, Tempered Steel Runners, Polished, All Parts Nickel Plated, Otherwise Same as No. 300. 2.10
Sizes 8 to 12 inches.

No. 300, One Pair in a Package; Nos. 302 to 305, One Pair in a Box.



Per Pair

No. 308—Keene Special, Tempered Steel Flanged Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, All Parts Full Polished and nickel Plated, with Beveled Edges, Highest Quality \$4.60

Sizes 8 to 12 inches.

One Pair in a Box.

MEN'S SCREW CLAMP HOCKEYS.



Per Pair

No. 202—Cast Steel Runners, Polished, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, All Parts Nickel Plated. \$1.20

No. 204—High Percentage of Carbon Steel Runners, Hardened and Polished, Polished Edges, Otherwise Same as No. 202. 2.10

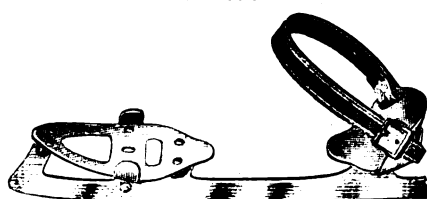
No. 205—Keene Special, Tempered Steel Runners, Polished, Otherwise Same as No. 204 2.50
Sizes 9 to 12 inches.
One Pair in a Box.



Per Pair

No. 208—Tempered Steel Flanged Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Beveled Edges, All Parts Full Polished and Nickel Plated, Highest Quality \$5.00
Sizes 9 to 12 inches.
One Pair in a Box.

WOMEN'S AND CHILDREN'S SCREW CLAMP

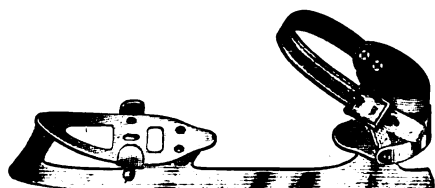


Per Pair

No. 400L—Cast Steel Runner, Polished Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, High Steel Back and Leather Straps \$1.10

Sizes 8 to 11 inches.

One Pair in a Paper.



Per Pair

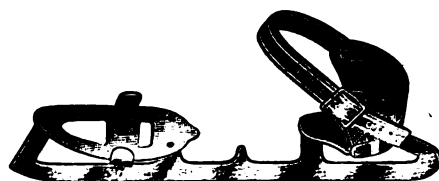
No. 302L—Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, All Parts Nickel Plated, Russet Leather Back and Strap. \$1.80

No. 304L—High Percentage of Carbon Steel Runners, Hardened and Tempered, Top Plates with Polished Edges, Otherwise Same as No. 302L. 2.20

Sizes 8 to 11 inches.

One Pair in a Box.

WOMEN'S SCREW CLAMP HOCKEYS



Per Pair

No. 202L—Cast Steel Runners, Polished, Best Quality Cold Rolled Homogeneous Steel Top Plate and Clamps, All Parts Nickel Plated, Russet Leather Back and Strap. \$2.00

No. 204L—High Percentage of Carbon Steel Runners, Hardened and Tempered, Polished Edges, Otherwise Same as No. 202L 2.70

Sizes 8 to 11 inches.

One Pair in a Box.

SKATE CLAMPS

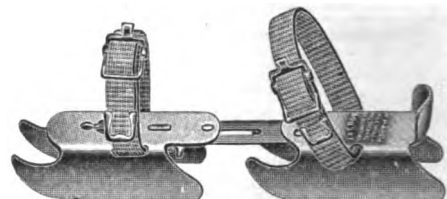
For One Skate

No. 100—Toe Clamps, with Adjusting Screw \$0.50

No. 200—Heel Clamps, with Adjusting Screw50

Note—When ordering, give Number and Size of Skate and state if Right or Left Hand.

EXTENSION BOBS



Per Pair

No. 1B—Homogeneous Steel Throughout, Bright Finish, Two Web Straps with Buckles, One Skate for all Sizes, Extends from 6 to 9 inches. . . \$0.40
One Pair in a Box.

ANKLE SUPPORTERS

U. S.



Per Dozen Pairs

No. 75—7 1/2 inches High, Russet Grain Leather Ankle Band, 2 inches Wide, Tongue Buckle Strap \$14.00

Light, strong and durable; can be attached to any skate by drilling a hole in the blade. Acts with the ankle while skating. The only perfect ankle support made.

One-twelfth Dozen Pairs in a Box.

BRAUERS'



Russet Oak Tan Leather.

Per Dozen Pairs

No. 1-S—Gents' or Youths' Size. . . \$14.00

No. 2-S—Boys' Size 14.00

No. 3-S—Ladies' or Girls' Size. . . 14.00

This Brace fits very comfortably to the ankle, it being worn on the outside of the shoe, which makes it very convenient for the wearer, as it is easily adjusted or removed.

One Dozen Pairs in a Box; with Display Card.

SKATE STRAPS



Good Quality Harness Leather, Japanned Buckle.

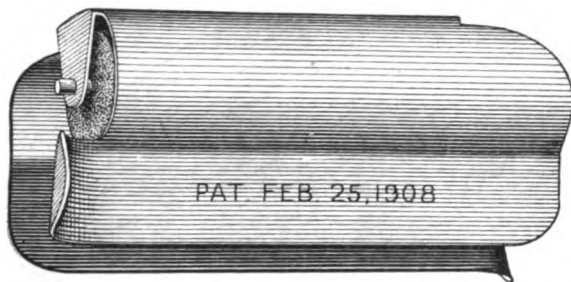
Nos.	0	1	1 1/2
Length, Inches.	14	20	18
Width, Inches.	5/8	1/2	5/8
Per Dozen Pairs.	\$1.75	2.25	2.25

Nos.	2	4
Length, Inches.	21	24
Width, Inches.	5/8	5/8
Per Dozen Pairs.	\$2.50	2.50

One Dozen Pairs in a Bundle.

PERFECT

SKATE SHARPENERS



- No. 10P—2 1/4 inches Long, Pressed Steel Holder, Containing a Wheel of Oxide of Aluminum Fused with Best Turkish Emery, Will Hollow Grind Any Skate Runner \$2.25
The wheel is set at an oblique angle to the guide slides, thus giving a grinding surface of a much larger wheel.
One Dozen in a Box.

Per Dozen

FILE 'EM QUICK



- No. 42—2 inches Long, Gun Metal Finish Steel Holder, Best Quality File with Four Cutting Edges. \$2.75
When the file is worn out on one side it can be turned by slightly springing the holder.
One-half Dozen on Display Easel Card,
Two Cards Connected.

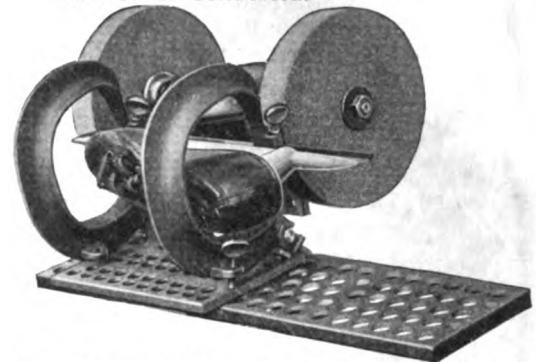
Per Dozen



LUTHER

Dimo-Grit (Artificial Diamond) Wheels Sharpen 20 Times as Fast as a Grindstone without Danger of Drawing Temper.

Built Entirely of Metal, Channel Iron Frame, with Truss Rod Braces, Steel Shaft Driven, Enclosed Dust-proof Bearings, Adjustable Metal Seat, Adjustable Swivel Head.



- No. 909 Outfit—Consists of Regular Luther "Hummer" Foot Power Grinder, and No. 911 Luther Skate Sharpening Attachment as Described Below, Complete with Two Dimo-Grit Wheels. \$26.00

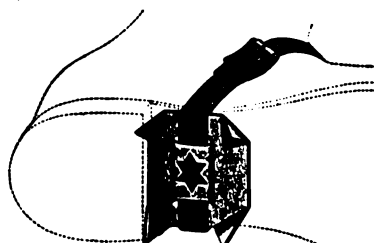
SKATE SHARPENING ATTACHMENT

- No. 911—Consists of 2 Heavy C Clamps, Adjustable Base and Necessary Fittings for Quickly Attaching to Model B "Hummer" Grinder, without Grinding Wheels \$9.00
No. 910—Power Driven, Consists of 2 Heavy C Clamps, Adjustable Base with Special Fittings for Attaching to Bench, without Grinding Wheels. 9.50
This Attachment will convert a Power Driven Grinder into a Skate Sharpener.

Each

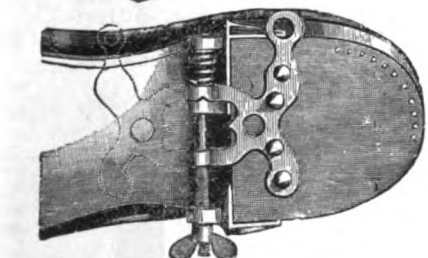
ICE CREEPERS

STAR



- No. 15—Reversible, Heavy Steel, Adjustable, Leather Strap, Can be Worn Over Boot, Shoe or Rubber \$2.75
One Dozen Pairs in a Box.

Per Dozen Pairs



- No. 10—Reversible, Cast Steel, Hardened Points, Can be Folded Back Under Instep, Each Dozen Assorted, 3 Pairs 2 1/4 inch, and 9 Pairs 3 1/4 inch Long \$4.00
One Dozen Pairs in a Box.

Per Dozen Pairs

NORLUND'S SELF-ADJUSTING

Adjustable Leather Strap, Six Hardened Calks.

- No. 2—Assorted 1/2 Dozen Small Size and 1/2 Dozen Large Size \$4.50

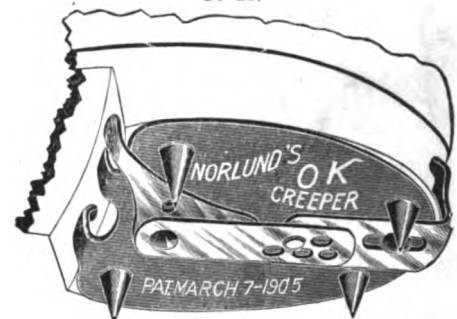
Per Dozen Pairs

It is so constructed that it adjusts itself to required size when placed on heel.

One Dozen Pairs in a Box.



O. K.

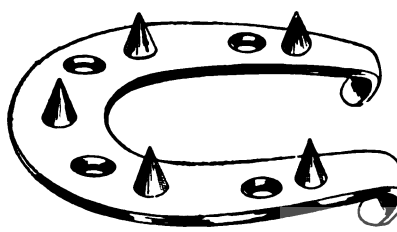


- No. 20—Best Quality Steel, Properly Tempered, Neatly Finished, Can be Adjusted to Several Size Heels, Assorted 1/2 Dozen Pairs Large Size and 1/2 Dozen Pairs Medium Size. \$4.50
One Dozen Pairs in a Box.

Per Dozen Pairs

NEVER-SLIP

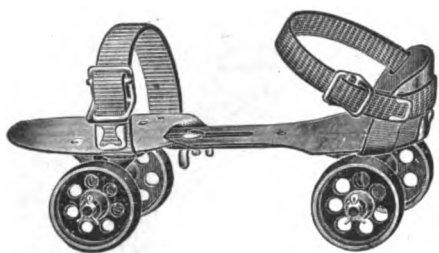
- No. 1—Wrought Steel Plate, Tool Steel Calks, Assorted Sizes for Small or Large Heels. \$4.00
Packed with Clinch Nails to Hold them on.
One Dozen Pairs, Assorted Sizes in a Carton.



CHILDREN'S

ROLLER SKATES

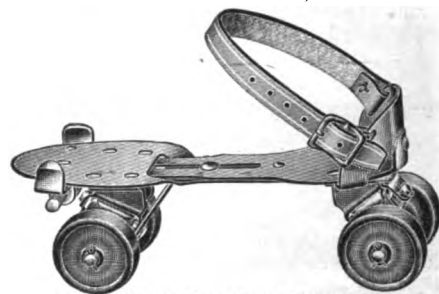
BOYS' AND GIRLS'



Extension Sidewalk.

Per Pair

- No. 0—High Grade Homogeneous Steel Tops, Strong and Durable, High Steel Backs, Web Straps, Cast Iron Rolls, Adjustable from 7 1/4 to 9 1/2 inches. \$0.85
- No. 1—Screw Clamp at Toe, Otherwise Same as No. 0.90
- One Pair in a Package.



Plain Steel Bearing Extension.

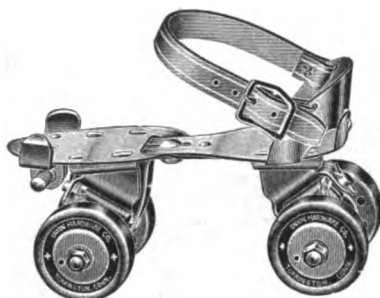
Per Pair

- No. 10—Best Cold Rolled Swedish Steel Tops, Trucks, Clamps and Stampings, Bright Finish, Oscillating Trucks, Best Rubber Cushions, Turn in a 3 foot Circle, Half Strap Heel, Formed Steel Loop Protects the Straps and Prevents their Cutting or Pulling Out, Screw Clamp at Toe, Plain Steel Rolls, Adjustable from 7 1/2 to 10 inches. \$2.20
- One Pair in a Package.

CHILDREN'S

MEN'S

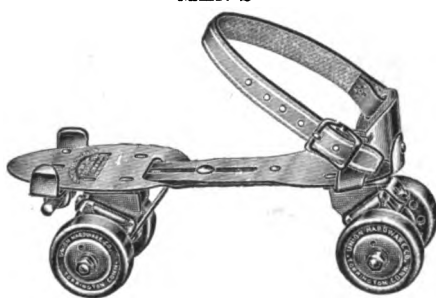
LADIES'



Ball Bearing Extension.

Per Pair

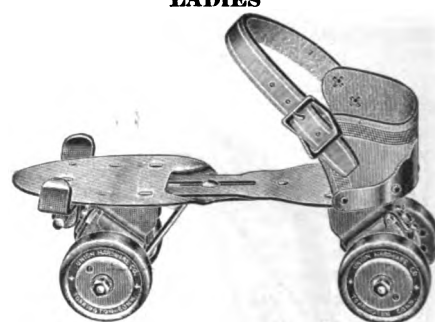
- No. 4—Best Cold Rolled Swedish Steel Tops, Trucks, Clamps and Stampings Nickel Plated, Oscillating Trucks, with Best Rubber Cushions, and Turn in a 3 foot Circle, Half Strap Heel, Best Grain Leather Strap, Formed Steel Loops Protects Straps and Prevents their Cutting or Pulling Out, Screw Clamp at Toe, Ball Bearing Steel Rolls, Adjustable from 6 1/2 to 8 1/2 inches. . . \$3.75
- One Pair in a Package.



Ball Bearing Extension.

Per Pair

- No. 5—Best Cold Rolled Swedish Steel Tops, Trucks, Clamps and Stampings, Nickel Plated, Oscillating Trucks, with Best Rubber Cushions and Turn in a 3 foot Circle, Half Strap Heel, Best Grain Leather Strap, Formed Steel Loops Protects Straps and Prevents their Cutting or Pulling Out, Screw Clamp at Toe, Ball Bearing Steel Rolls, Adjustable from 8 1/2 to 10 1/4 inches. . \$3.75
- One Pair in a Package.



Ball Bearing Extension.

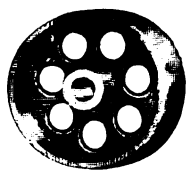
Per Pair

- No. 6—Best Cold Rolled Swedish Steel Tops, Trucks, Clamps, and Stampings, Nickel Plated, Oscillating Trucks, with Best Rubber Cushions and Turn in a 3 foot Circle, Best Grain Leather Full Strap Heel, Screw Clamp at Toe, Ball Bearing Steel Rolls, Adjustable from 7 1/2 to 10 inches. . \$4.25
- One Pair in a Package.

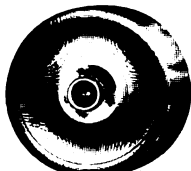
Note—We Carry a Full Line of Repairs for Above Skates.

SKATE ROLLS

SKATE KEYS

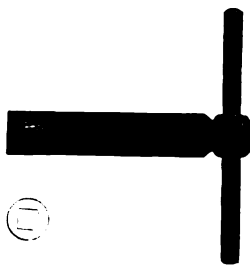


No. 1.



Nos. 4 and 5.

- Per 100
- No. 1—Cast Iron, for Plain Bearings \$3.50
- No. 4—Steel, for Ball Bearings. 9.50
- No. 5—Steel, for Plain Bearings. 7.00



Per Dozen

- No. 4—Cross Bar, 2 1/2 inches Long, 1/8 inch Solid Cold Rolled Steel, 3/8 inch Solid Steel Cross Bar, Will Fit All Ice and Roller Skates, Especially Adapted to Hockey Skates \$3.00

SKATE KEYS

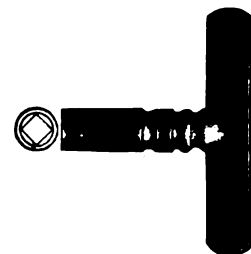


- Per Dozen
- No. 0—Steel, Bright Finish, Adapted to Roller Skates. . . \$0.50



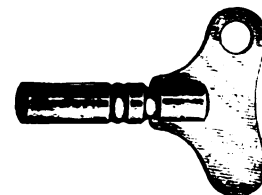
Per Dozen

- No. 3—Malleable Iron, Adapted to Ice and Roller Skates. \$0.70



Per Dozen

- No. 2—Malleable Iron Tee Handle, Adapted to Ice and Roller Skates \$1.10



Per Dozen

- No. 1—Steel Tube, Bright Finish, Adapted to Ice or Roller Skates \$1.00

EXPRESS WAGONS

IRON CLAD



Handsomely Painted and Stenciled, Steel Body, Wrought Steel Black Enamelled Gear, Black Enamelled Steel Wheels, Straight Tongue.

Nos.	04	03	02	01
Body, Inches	9x18	10x20	11x22	12x24
Front Wheel, In....	6	7	8	8
Hind Wheel, In....	9	10	11	12
Wt. Dozen, Lbs.....	72	80	95	140
Per Dozen	\$15.50	17.50	19.00	23.00

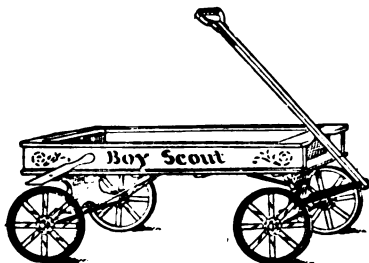
Nos.	1	2	3	*5
Body, Inches	13x26	14x28	15x30	18x36
Front Wheel, In....	10	11	12	14
Hind Wheel, In....	13	14	15	18
Wt. Dozen, Lbs.....	190	208	220	444
Per Dozen	\$28.00	31.00	34.00	39.00

*No. 5 has Extra Heavy Hubs, Tires, Spokes and Gear, $\frac{1}{8}$ inch Round Steel Axles.

One-quarter Dozen in a Box.

COASTER WAGONS

BOY SCOUT



Removable Box, with Brake.

Roller Bearing, Natural Finish, Varnished, with Red and Black Striping, Wheels Painted Red, with Black Striping, Pressed Steel Hand Hold.

Nos.	11	22	33
Body, Inches	14x32	16x36	18x40
Wheels, Inches	10	10	10
Each	\$6.00	6.50	7.50

No. 1—Extra Wheels, 10 inch Diameter, for Nos. 11, 22 and 33 Wagons\$0.80

The roller bearing consists of 8 pieces of $\frac{5}{16}$ inch cold rolled steel shafting held in a malleable iron hub by means of a steel washer at each end. Washers are forced into hub by a heavy press and wheel can be removed without losing rollers.

Wheels are held on a $\frac{1}{2}$ inch steel axle by washers and cotter pins. Eight $\frac{5}{16}$ inch spokes in each wheel, $\frac{1}{2}$ x $\frac{3}{4}$ inch hardwood felloes with $\frac{3}{4}$ x $\frac{1}{2}$ inch electric welded tire. Tires are set by hydraulic press requiring 5 ton pressure.

One-sixth Dozen in a Crate.

COASTER WAGONS

BADGER

Well Seasoned Hardwood Body, Gear is of Selected Stock Securely Braced to Body with $\frac{1}{2}$ x $\frac{3}{4}$ inch Round Edge Iron, Heavy Wrought Iron and Hardwood Steering Gear, Body and Gear Varnished on the Natural Wood, Decorated in Red and Black, Wheels Painted Bright Red.



Removable Box, with Brake.

Extra Heavy Wheels with Iron Hubs, $\frac{3}{4}$ x $\frac{1}{2}$ inch Bent Rock Elm Rims, $\frac{3}{4}$ x $\frac{1}{2}$ inch Wrought Steel Tires, Welded and Shrunk on, $\frac{1}{8}$ inch Round Steel Axle.

Nos.	303	304	305
Body, Inches	14x32	16x36	18x40
Wheels, Inches	10	10	10
Weight Per Dozen, Lbs.....	390	420	450
Each	\$5.50	6.00	7.00

The iron hubs keep the spokes solid, no more split or checked hubs, and eliminates trouble from shrinking of felloes and loose tires.

Note—Nos. 304 and 305 have Steel Loop Grip on Handles.

Nos. 303 and 304, Two, and No. 305, One in a Crate.

Box not Removable, with Brake.

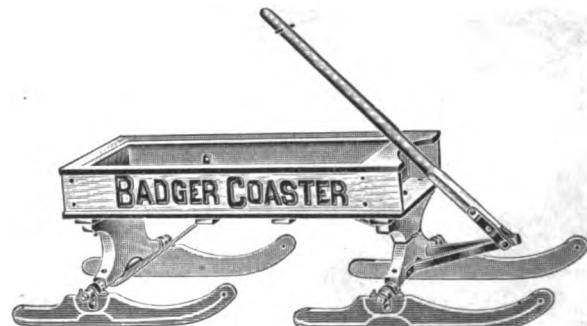
No. 302 $\frac{1}{2}$ —Jr., 13x28 inch Body, 8 inch Diameter Wheels, with Heavy Steel Tires, Welded and Shrunk on, Bright Tinned Hub Caps, Weight Per Dozen 220 Lbs.\$3.50

One-sixth Dozen in a Crate.

EXTRA WHEELS

For Coasters Nos.	302 $\frac{1}{2}$	303	304	305
Diameter, Inches	8	10	10	10
Each	\$0.50	.60	.60	.60

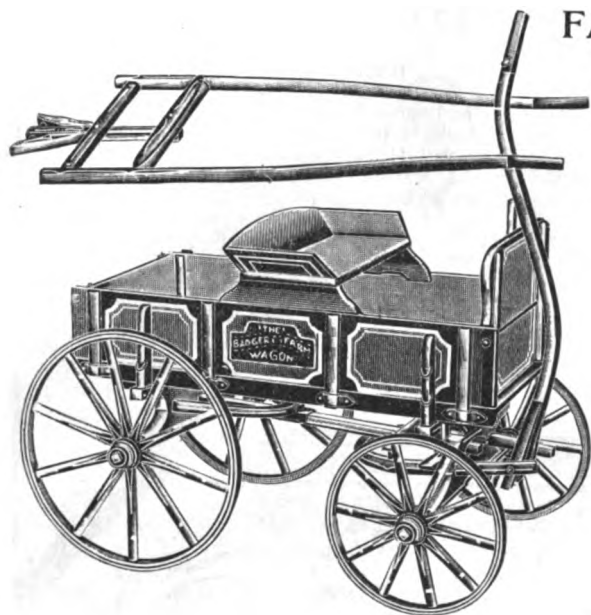
RUNNERS FOR BADGER COASTER WAGONS



Per Set of 4

No. 100—Hardwood, Shod with Full Round Spring Steel, Painted and Striped, Will Fit Nos. 303, 304 and 305 Coaster Wagon and No. 355 Farm Wagon...\$3.00
They are easily adjusted and fastened to the axle with cotter pins.

FARM WAGONS



BADGER

Hardwood Frame, Seat and Dashboard, Sides and Ends Can be Taken Off, Leaving Bed with Stakes, Handsomely Painted and Ornamented with Scroll Work.

No. 355—18x36 inch Body, 14 and 20 inch Wheels, with Steel Hub Caps and Bands, Heavy Welded Tires and Shaved Spokes, All Parts Strongly Ironed and Braced, $\frac{3}{8}$ inch Round Steel Axles, Hardwood Shafts for Dog or Goat, Weight Each 60 Lbs. **\$11.50** Each

No. 355 $\frac{1}{2}$ —Same Description as No. 355, but without Shafts, with Handle Only **11.00**

One in a Crate.

VELOCIPEDES



PIONEER NEW TRUSS FRAME



Black Enameled Steel Frame, Wood Grips, Tinned Pedals, Tinned Wheels, Adjustable Seat.

STEEL TIRE WHEELS

Nos.	1	2	3
Front Wheel, Inches.....	16	20	24
Rear Wheel, Inches.....	12	14	16
Weight Per Dozen, Lbs.....	165	370	242
Each	\$4.00	4.50	5.50

RUBBER TIRE WHEELS

Black Enameled Grips with Brass Ferrules, $\frac{1}{2}$ inch Rubber on Front Wheel, $\frac{3}{8}$ inch on Rear Wheel.

Nos.	7	8
Front Wheel, Inches.....	20	24
Rear Wheel, Inches.....	14	16
Weight Per Dozen, Lbs.....	240	300
Each	\$6.75	7.25

One in a Box.

QUICK REPAIR TIRES

CALCUTT'S



Sectional View of Calcutt's Quick Repair Tire, Showing Coupling in Position.

Extra Quality Rubber, for Go-Carts and Velocipedes.

	Per Box
No. 38—50 feet $\frac{3}{8}$ inch Tire, with 30 Couplings, in a Sealed Box	\$6.00
No. 12—50 feet $\frac{1}{2}$ inch Tire, with 30 Couplings, in a Sealed Box	8.00
No. 58—25 feet $\frac{3}{8}$ inch Tire, with 15 Couplings, in a Sealed Box	6.00
No. 34—25 feet $\frac{3}{8}$ inch Tire, with 15 Couplings, in a Sealed Box	9.00

Complete Instructions Packed in Each Box.

Ball Bearing, Carmine Maroon and Striped Frame and Wheel, Hardened Steel Cups and Cones, Extra Wide Axle, with Center Support and Backbone Truss, Nickered Adjustable Handle Bar with Leather Grips, Bicycle Head and Arched Fork Crown, Bicycle Padded Saddle, Nickel Plated Drop Forged Cranks and Ball Bearing Pedals.

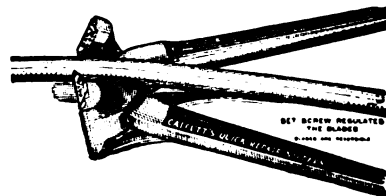
 $\frac{3}{4}$ inch Cushion Rubber Tire Wheels.

Nos.	21	22	23
Front Wheel, Inches.....	16	20	24
Rear Wheel, Inches.....	12	14	16
Weight Per Dozen, Lbs....	372	438	462
Each	\$17.00	17.50	18.00

One in a Box.

QUICK REPAIR NIPPERS

CALCUTT'S

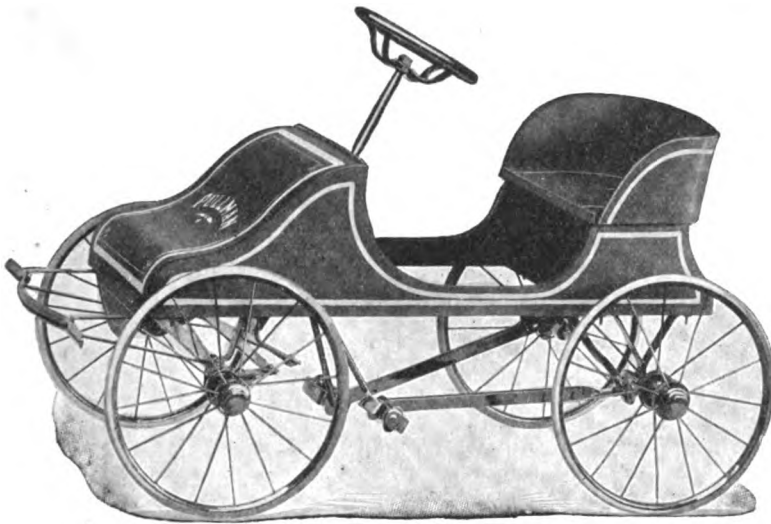


No. 10—14 inches Long, Jaws Open to Cut $\frac{5}{8}$ inch Tire, Fine Leverage for Cutting Steel or Iron, Adjustable Reversible Blades, Give Double Lasting Qualities, Set Screw Regulates the Wear of Blades. **\$4.50** Each
Cuts off rubber and steel smoothly. They are not only useful in cutting rubber tires, but can be used for cutting bolts, screws, etc.

One in a Sealed Box.

AUTOMOBILES

PULLMAN



No. 20.

Each
No. 20—14x30 inch Body, Finished in Auto Red with Gold Striping, Black Enameled Steering Wheel, Knuckle Front Gear, Black Enameled Gear, 12 in. Black Enameled Wheels, $\frac{3}{8}$ inch Rubber Tires, Artillery Pattern Axle Nuts, Equipped with a Bumper.....\$9.00

Weight Each Crated 40 Pounds.

One in a Crate.

COLUMBIA

Each

No. 30—14x35 inch Body, Finished in Auto Red with Gold Stripings, Adjustable Seat, Knuckle Front Gear, Black Enameled Gears, 12 inch Black Enameled Wheels, $\frac{1}{2}$ inch Rubber Tires, Artillery Pattern Axle Nuts, Equipped with Steel Bumper\$12.00

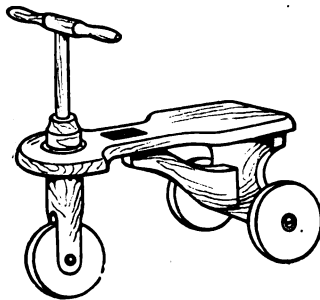
Weight Each Crated 50 Pounds.

One in a Crate.



No. 30.

KIDDIE-KARS



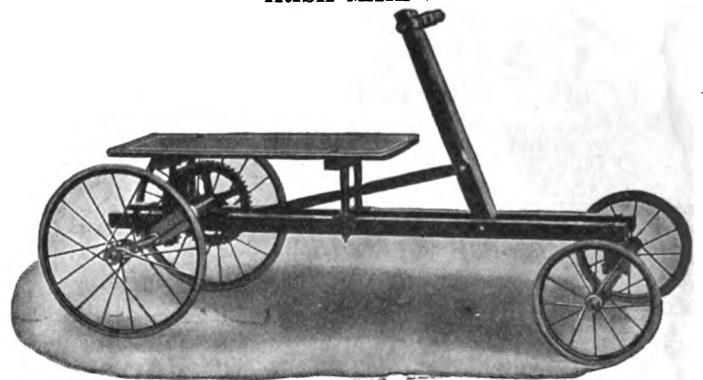
Crowned Hard Maple Wheels, Basswood Top, Remaining Parts Birch, Wheels Finished Red, Body Natural, with Orange Tone, Handsomely Varnished Throughout.

Nos.	2	3	4
Length, Inches	17	18	20
Height to Top of Seat, In....	8 $\frac{1}{2}$	10	11 $\frac{1}{2}$
Weight Each, Lbs.....	4 $\frac{1}{2}$	5 $\frac{1}{4}$	6 $\frac{1}{4}$
Each	\$2.25	2.75	3.50

Nos. 2 and 3, Two Dozen; No. 4, One Dozen in a Crate.

HAND CARS

IRISH MAIL



Frame and Lever Painted Three Coats of Red, Seat Three Coats of Green with Decorations. All Woodwork Neatly Striped and Varnished, Gears and Iron Work are Black Enameled, Wheels are Tin Plated.

Each

No. 2-H—Selected Hardwood Frame 36 inches Long, 9x20 inch Wood Seat, 8 inch Diameter Front Wheels, 12 inch Diameter Rear Wheels, $\frac{1}{2}$ inch Rubber Tires, Tanged Spokes, Safety Gears Placed Below Seat, for Children 3 to 12 Years of Age, Weight Each 33 Lbs.....\$7.00

These Hand Cars are equipped with the latest improvements. Protected gears to prevent injury to rider or damage to clothing. Adjusted front axle so car can be made to fit any child 3 to 12 years of age. No chain or ratchet to cause trouble. Built low and broad to prevent upsetting.

One in a Crate.

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CHILDREN'S CARTS OR SULKIES

SAFETY GIG



Painted and Varnished.

No. 9F—10 inch Wheels, $\frac{3}{8}$ inch Best Grade Rubber Tires, High Back, Wide Top Rail and Hardwood Spindles, Seat Reinforced by Cleats, Brilliant Red and Varnished, Yellow Pine Tongue, Varnished, Metal Fenders, Substantial, Painted Foot Rest. . . . \$2.00

Each

REVERSIBLE UPHOLSTERED



Each

Tufted Leather on Seat and Lazy-Back.
No. 3U—10 inch Wheels, $\frac{1}{2}$ inch Rubber Tires, Nickel Hub Cap, Mortise and Tenon Seat Frame, High Back, Brilliant Red with Body Varnished, Graceful Wood Arm Rests, Metal Fenders, Varnished Yellow Pine Tongue, Strong Construction, New Pattern Foot Rest \$3.25

REVERSIBLE



With Springs and Upholstery.

No. 3SU—10 inch Wheels, $\frac{1}{2}$ inch Rubber Tires, Nickel Hub Cap, Oil Tempered Springs, Mortised and Tenon Seat Frame, High Back, Brilliant Red with Body Varnished, Graceful Wood Arm Rests, Metal Fenders, Varnished Yellow Pine Tongue, New Pattern Foot Rest. \$3.75

Each

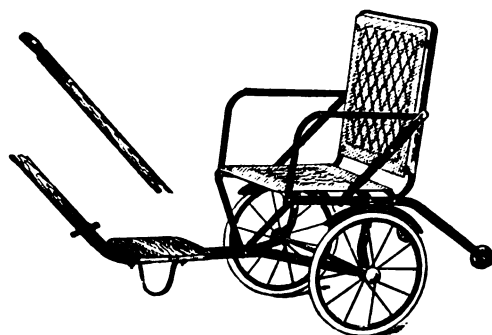
COLLAPSIBLE



Collapses Completely, Self-Locking Tongue.

No. 5—10 inch Wheels, $\frac{1}{2}$ inch Rubber Tires, Nickel Hub Caps, Seat and Back Double Strength and Upholstered in Black Leatherette, Extra High Back and Roomy Seat, 4 Soft Coil Springs Under Seat, Broad and Comfortable Arm Rest, Metal Fenders, Heavy Knuckle Joint, Giving Assured Stability, Auxiliary Wheels of Metal. \$5.00

Each



RECLINING COLLAPSIBLE

No. 8—Fibre Board Seat and Back, Light and Durable, Waterproofed and Embossed, Reclining Back 14 inches High, Arms 7 inches High, 10 inches Diameter Wheels with $\frac{3}{8}$ inch Rubber Tires, Nickel Plated Hub Caps, Fibre Helper Wheels on Rear Safety Brace, Black Japanned, Collapses to Less than Size of the Wheels. \$4.00

Each

Two in a Crate.

BABY CARRIAGES

PULLMAN SLEEPERS



Genuine First Quality Reed, Corduroy Upholstered Throughout,
Natural Brown or Gray Finish.

	Each
No. 110 —Full Size, 14x $\frac{5}{8}$ inch Rubber Tire, Steel Wheels	\$40.25
No. 110R —As No. 110, but Reversible Gear.....	42.00
No. 110A —As No. 110, Artillery Wood Wheels.....	42.55
No. 110RA—As No. 110, Artillery Wood Wheels, Re- versible Gear	44.25
Corduroy Wind Shield.....Extra,	2.30

PULLMAN SLEEPER



Genuine First Quality Reed, Corduroy Upholstered Through-
out, Natural Brown or Gray Finish.

	Each
No. 118 —Full Size, 14x $\frac{5}{8}$ inch Rubber Tire Steel Wheels	\$46.00
No. 118R —As No. 118, with Reversible Gear.....	47.75
No. 118A —As No. 118, Artillery Wood Wheels.....	48.30
No. 118RA—As No. 118, Artillery Wood Wheels, Re- versible Gear	50.00
Corduroy Wind Shield.....Extra,	2.30

NOTE—Special Catalog Illustrating

Genuine First Quality Reed, Upholstered Throughout in Printed
Corduroy, Natural Brown or Gray Finish. Each

	Each
No. 29 —Junior Size, 12x $\frac{1}{2}$ inch Rubber Tire Steel Wheels	\$27.60
No. 29R —As No. 29, with Reversible Gears.....	29.35
No. 29A —As No. 29, Artillery Wood Wheels.....	29.90
No. 29RA—As No. 29, Artillery Wood Wheels, Revers- ible Gear	31.65
Printed Corduroy Wind Shield.....Extra,	1.75

GONDOLA
CARRIAGE

Genuine First Quality Reed, Corduroy Upholstered Through-
out, Natural Brown or Gray Finish. Each

	Each
No. 303—Full Size, 16x14x $\frac{5}{8}$ inch Rubber Tire Steel Wheels	\$39.00
No. 303A—As No. 303, Artillery Wheels.....	41.50
Corduroy Wind Shield.....Extra,	3.50

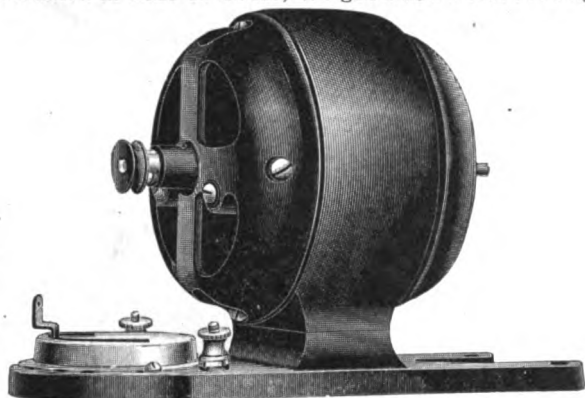
Complete Line Sent on Application.

HIGH GRADE ELECTRIC MOTORS



Furnished Free with Sets Nos. 3½, 4, 5, 6, 7, 11, 12 and 13 Outfits.

No. 150—Stands 3½ inches High, 2½ inches Over Shaft, Has Three-Pole Armature, Spring Tension Brushes, Form Wound Coils, Start, Stop and Reverse Switch Mounted in Base of Motor, Weight Each 1 Lb. \$2.00



Style of Nos. 200 and 250.

Especially Designed for Operating Models of American Model Builder Sets, Can be Operated from One or Two Cells or from City Alternating Current Through Our No. 1 or 7 Toy Transformer and are Capable of Lifting 50 Pounds.

No. 200—Stands 3½ inches High, 3½ inches Over Shaft, Black Enameled, All Steel Parts Nickel Plated, Two-Pole Field Cast Solid, with Form Wound Coils, Three-Pole Laminated Armature Gauze Wire Brushes, Mounted on a Cast Iron Base with Start, Stop and Reverse Switch, All Wiring Concealed in Bottom of Base, Will Stand up to 12 Volts, but Best Results are Obtained from 6 Volts, Weight Each 2 Lbs. \$2.68

No. 250—Stands 4¼ inches High, 4 inches Over Shaft, Six-Pole Laminated Armature Gauze Wire Brushes, Will Stand up to 14 Volts, but Best Results are Obtained from 6 to 8 Volts, Otherwise Same as No. 200, Weight Each 3 Lbs. 3.34

TOY TRANSFORMERS

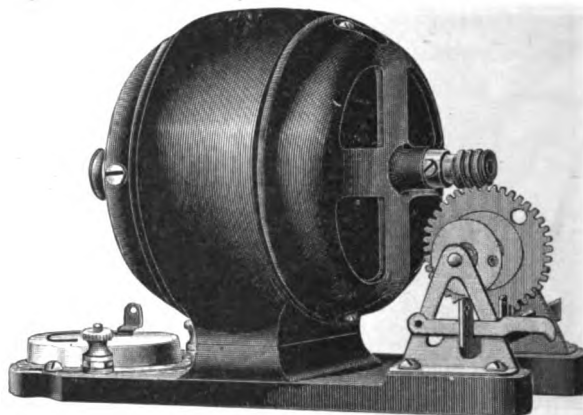
JEFFERSON FLEXIBLE



Will Operate on 100 to 180 Volt A. C., 60 to 133 Cycle.

No. 1—10 Voltage, 2 to 20 Volts in 2 Volt Steps, Capacity 50 Watts, Size 4¼ x 3¾ x 3¼ inches, Weight 5 Lbs. \$4.10

The Jefferson Flexible Toy Transformers embody all the latest improvements in Toy Transformer construction. A practical miniature electric power plant.



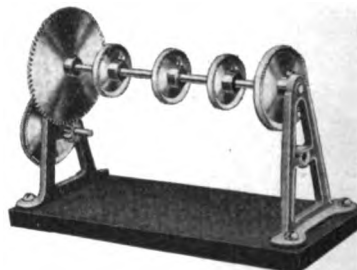
Style of Nos. 225 and 300.

Especially Designed for Operating Models of American Model Builder Sets, Can be Operated from One or Two Cells or from City Alternating Current Through Our No. 1 or 7 Toy Transformer and are Capable of Lifting 50 Pounds.

No. 225—Stands 3½ inches High, 3½ inches Over Shaft, Black Enameled All Steel Parts, Nickel Plated, Two-Speed, Equipped with Worm Drive and Reducing Gear and Start, Stop and Reverse Switch, Windlass Mounted on Shaft for Operating Mechanical Devices, Shift Lever Provided for Throwing Gear in and Out of Mesh, Will Stand up to 12 Volts, but Best Results are Obtained from 6 Volts, Weight Each 2½ Lbs. \$3.34

No. 300—Stands 4¼ inches High, 4 inches Over Shaft, Will Stand up to 14 Volts, but Best Results are Obtained from 6 to 8 Volts, Otherwise Same as No. 225, Weight Each 3½ Lbs. 4.00

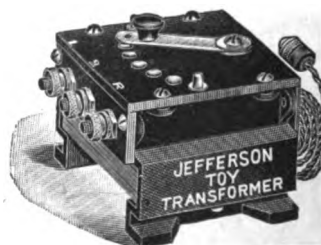
COUNTERSHAFTS



Especially Designed for Operating American Model Builder Models.

No. 350—Cast Iron Shaft Hanger, ½ inch Axle, which is Supplied with Three 1 inch Adjustable Pulleys and One 1½ inch Adjustable Pulley, Mounted on a Black Enameled Steel Base, Enables the Owner of a Small Motor to Operate Two or More Models at the Same Time, it Increases the Power of the Motor 70 Times \$0.68

TOY TRANSFORMERS



LITTLE JEFF

Will Operate Small or Large Toys.

No. 7—4x3½x3 inches High, it Generates 8 Different Secondary Voltages, Ranging from 3 up to 24 Volts in 3 Volt Steps, Complete with Cord and Plug, Weight Each 2½ Lbs. \$4.00

This Transformer is a little wonder. Nothing on the market to compare with it. Flexible construction and master connection post.

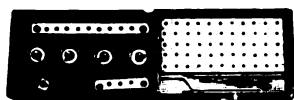
Transformer is clamped between heavy gray iron castings. The switch and voltage buttons are mounted on the heavy black fibre top.

Primary leads are brought out to two rubber covered binding posts on one side of the transformer, and on the opposite side the secondary leads are brought out to the three brass binding posts.

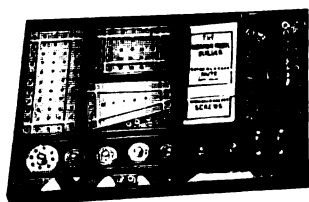
One in a Box.

AMERICAN MODEL BUILDERS

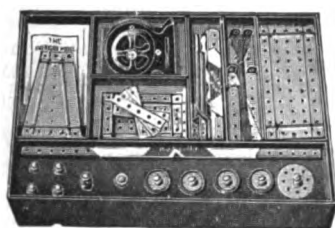
REGULAR OUTFITS



No. 0—53 Parts, Will Build 105 Models, Weight Per Set
1 Lb.\$0.68



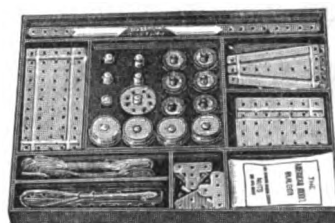
No. 1—114 Parts, Will Build 173 Models, Weight Per Set
2 ¼ Lbs.\$1.34



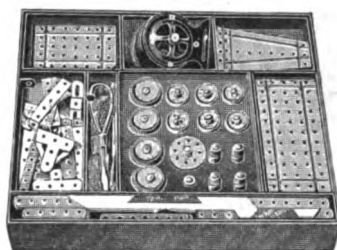
No. 11—115 Parts, Will Build 173 Models, Complete with No. 150 Motor, Weight Per Set
3 ½ Lbs.\$2.68



No. 4—392 Parts, Will Build 314 Models, Complete with No. 150 Motor, Weight Per Set
8 ¾ Lbs.\$6.68



No. 2—188 Parts, Will Build 232 Models, Weight Per Set
4 Lbs.\$2.68

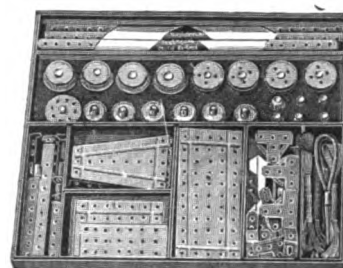


No. 12—189 Parts, Will Build 232 Models, Complete with No. 150 Motor, Weight Per Set
4 ¾ Lbs.\$4.00



No. 5—585 Parts, Will Build 336 Models, Complete with No. 150 Motor, Weight Per Set
11 ½ Lbs.\$10.00

★No. 7—1971 Parts, Will Build 370 Models, Complete with No. 150 Motor, in Mahogany Case, Weight Per Set 31 Lbs.\$33.34



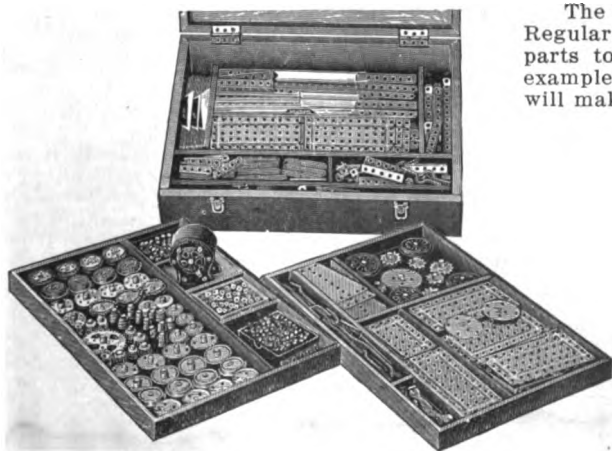
No. 3—297 Parts, Will Build 271 Models, Weight Per Set
5 ¾ Lbs.\$4.00



No. 13—298 Parts, Will Build 271 Models, Complete with No. 150 Motor, Weight Per Set
6 ½ Lbs.\$5.34



★No. 6CB—1005 Parts, Will Build 352 Models, Complete with No. 150 Motor, in Cardboard Box, Weight Per Set
17 ¼ Lbs.\$16.68
No. 6QO—In Quartered Oak Box, Otherwise Same as No. 6CB 20.00



ACCESSORY OUTFITS

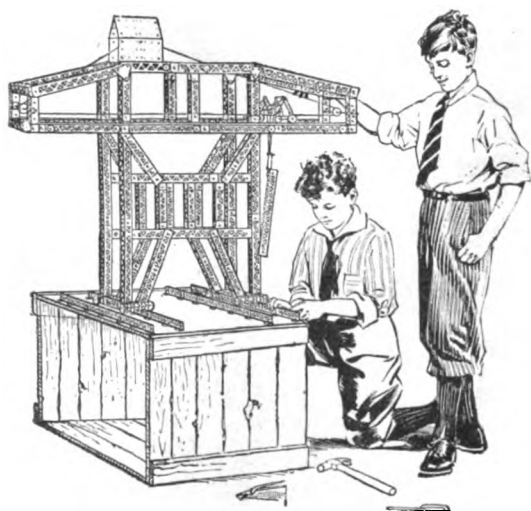
The half sizes of Accessory Outfits should only be sold for use in connection with Regular Outfits. The corresponding half size Accessory Outfit contains sufficient parts to convert the regular set into the one of the next higher number. For example, a No. 1 ½ added to a No. 1 will make a No. 2; a No. 2 ½ added to a No. 2 will make a No. 3 etc.

	Per Set
No. 0 ½—If Added to Set No. 0 Will Make Set No. 1, Weight Per Set 1 ¼ Lbs.	\$ 0.68
No. 1 ½—If Added to Set No. 1 Will Make Set No. 2, Weight Per Set 2 ¼ Lbs.	1.34
No. 2 ½—If Added to Set No. 2 Will Make Set No. 3, Weight Per Set 2 ½ Lbs.	1.34
No. 3 ½—If Added to Set No. 3 Will Make Set No. 4, Weight Per Set 3 ½ Lbs.	2.68
No. 4 ½—If Added to Set No. 4 Will Make Set No. 5, Weight Per Set 3 ½ Lbs.	3.34
★No. 5 ½—If Added to Set No. 5 Will Make Set No. 6, Weight Per Set 5 ¼ Lbs.	6.68
★No. 6 ½—If Added to Set No. 6 Will Make Set No. 7, Weight Per Set 13 ½ Lbs.	13.34

★Note—Nos. Prefixed by (★) not Carried in Stock, but Shipped Direct from Factory.

ERECTOR SETS

The Toy whose Girders Resembles Structural Steel—The Only Actual Structural Steel Toy.



You Build Big Models with Erector Quickly and Easily.

Erector parts are not only the largest, but they are the quickest and easiest to build with. It takes only a few nuts and bolts, and if you follow instructions in the manual which goes with each set, you can build models in quick time. Then when you want to wreck the models you can do it in about one-tenth the time that it took to build them.

The lapped interlocking edges of Erector girders enables you to build four-sided or square columns.

Each is stamped accurately out of steel.



Set No. 1.

No. 1 Set—Comes in a Board Box, Contains 140 Parts, Makes 88 Models Besides Others in Part III Manual, Wrapped for Parcel Post 3 Lbs. \$1.00

36 Sets in a Carton.



Set No. 2.

No. 2 Set—Comes in a Board Box, Contains 205 Parts, Makes 120 Models Besides Others in Part III Manual, Wrapped for Parcel Post 4 Lbs. \$2.00

24 Sets in a Carton.



Set No. 3.

No. 3 Set—Comes in a Board Box, Contains 345 Parts, Makes 176 Models Besides Others in Part III Manual, Wrapped for Parcel Post 7 Lbs. \$3.00

Six Sets in a Carton.

Erector is Just Like Real Structural Steel.

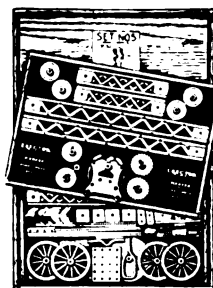
Erector is exactly like the steel out of which they build the big bridges, sky scrapers and elevated railroads. The only difference is in the size—that's all. The girders are the real thing, with lapped edges and rivet heads. And when you build a model out of Erector you've got something that will please you, because it is correct in design and proportion.



Be Sure to See this Outfit—the Most Popular Construction Set of All. Per Set

No. 4 Set—Comes in a Handsome Wood Cabinet, Contains 571 Parts and a Sturdy Electric Motor, Makes 207 Models Besides Others in Part III Manual, Wrapped for Parcel Post 9 Lbs. \$5.00
Six Sets in a Carton.

This is the "Famous Four"—the most popular set made, with which you can build thousands of models. We illustrate 276 exceptional models in our manuals which have been built with this particular set. Contains every essential engineering part. Anything mechanical can be duplicated with Erector. Packed in handsome hardwood cabinet with big illustrated manual No. 1 and the great electric motor—all for \$5.00.



Set No. 5.

No. 5 Set—Comes in an Oak Cabinet, Contains an Electric Motor, Contains 679 Parts, Makes 229 Models and Others in Part III Manual, Wrapped for Parcel Post 14 Lbs. \$7.50



Set No. 6.

No. 6 Set—Comes in an Oak Cabinet has Reversible Motor with Separate Base, this Motor can be Operated in Both Directions, Contains 1,000 Parts, Makes 264 Models and Others in Part III Manual, Wrapped for Parcel Post 19 Lbs. \$10.00

A WORD ABOUT ACCESSORY SETS

If you already own an Erector outfit you can build it into the next largest size by purchasing an Accessory outfit. For example: Accessory outfit No. 2A added to Erector outfit No. 2 equals Erector outfit No. 3. All Accessory outfits cost just the difference between the lower and the next highest set.

ERECTOR ACCESSORY OUTFITS

	Per Set
No. 1A—Makes No. 1 into No. 2.....	\$1.00
No. 2A—Makes No. 2 into No. 3.....	1.00
No. 3A—Makes No. 3 into No. 4.....	2.00
Motor.	
No. 4A—Makes No. 4 into No. 5.....	2.50
No. 5A—Makes No. 5 into No. 6.....	2.50

ERECTOR ELECTRICAL SETS

CONTENTS OF THE ERECTOR ELECTRICAL SET



- | | |
|-------------------------|--------------------------------|
| 98 Motor Parts, | 1 Soft Iron Yoke, |
| 1 Reverse Base, | 1 Condensator, |
| 1 Ebonite Rod, | 1 Galvanometer, |
| 1 Control Switch, | 1 Glass Plate, |
| 1 Pendulum Stand, | 2 Coils Electrical Wire, |
| 1 Multi-gear Motor Box, | 1 Electrical Light Outfit, |
| 2 Solenoids, | 1 Compass, |
| 1 Electrophor, | 1 Bar Magnet, |
| | 1 Electrical Horseshoe Magnet. |

Also Pinions, Gear Wheels, Rods, Collars, etc.

Erector Electrical Set—Complete, in Substantial Four-Color Box Per Set \$5.00

Erector Electrical Set contains every part for building Electric Motor and other apparatus; also material which enables a boy to do more than 100 electrical experiments. With it he can build his own motor, wire a small lighting plant, install electric bells, construct a lifting electro magnet, generate electricity, operate electric trains and Erector models, also run other mechanical toys and build a powerful gear box which will lift 200 pounds, etc.

Three Volumes, fully illustrated, containing an elementary course in electricity are included in this set. Just the thing for the boy who hopes to be an Electrical Engineer some day!

In the Erector Electrical Set of Experimental Apparatus together with the three-volume course of Electrical Engineering, we offer the most fascinating plaything for teaching, demonstrating and applying the secrets and principles of electricity that has ever been gotten out.

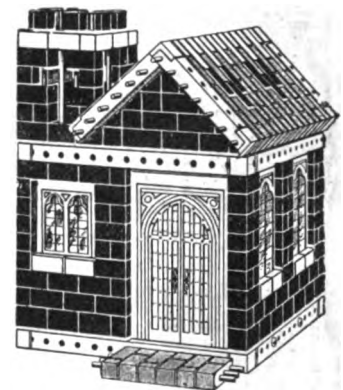


The Complete Set No. C in substantial and beautifully decorated box.

Brik-tor

THE ARCHITECTURAL TOY

Brik-tor is a remarkable toy. With it a child can construct interesting and attractive models of buildings of every description. Brik-tor is to Architecture what Erector is to Mechanical Engineering. Each set is complete with illustrated book of instructions showing how to complete model structures from foundation to roof. Brik-tor can be used in connection not only with Erector but any other construction toy. Each set contains a generous quantity of steel bricks in many colors, together with fundaments, rods, doors, windows, frames, strips, plates, etc., in fact everything necessary to build with, including the illustrated manual of instruction.



Another Brik-tor Model.

Brik-tor Set No. C—Complete in Box Each \$5.00

BRIK-TOR ASSORTMENT No. 1

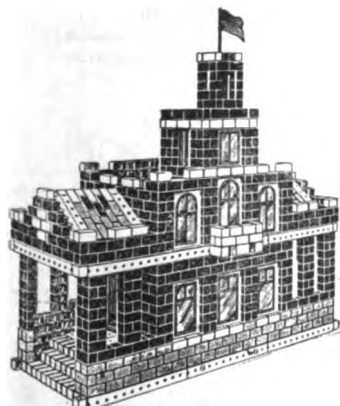
No. 1 Assortment—6 Sets No. C and Display Signs, Cards and Circulars Per Assortment \$30.00

BRIK-TOR ASSORTMENT No. 2

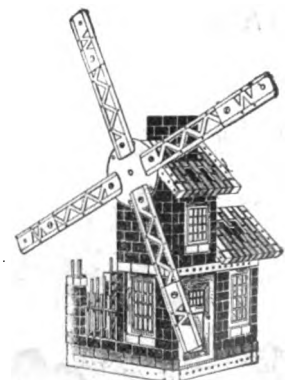
No. 2 Assortment—6 Sets No. C and One Brik-tor Cabinet No. 3, One Small Model, Display Signs, Cards and Circulars Per Assortment \$90.00

BRIK-TOR ASSORTMENT No. 3

No. 3 Assortment—24 Sets No. C and One Brik-tor Cabinet No. 2, One Large Display Model, Signs, Cards and Circulars Per Assortment \$180.00



A Brik-tor Model.



The Wind Mill Brik-tor Model.

Order in Assortments and Get the Selling Help.

TINKERTOY

A Thousand Different Mechanical Models in Motion
can be made with

THE WONDER BUILDER

The toy that holds the world's record for sales and popularity. Made of smooth, round hardwood rods and connecting spools, 73 pieces, that can be put together in different combinations to form a thousand marvelous motion figures, such as airships, autos, windmills, gyros, semaphores, engines, giant swings, merry-go-rounds, bridges, turbines, walking beams, wind tops, derricks, doll furniture, letters, numbers, and everything architectural and mechanical that one can think of. Constructive features founded on exact principles of mathematical ratio.

Tinkertoy is already in a million homes that will enjoy adding another set to make larger and more wonderful models. If there is no Tinkertoy in your home you are missing a barrel of fun. Tinkertoy is an educator and an entertainer, and is appreciated by all. No tools needed to put the models together. Simple and complete instructions with each set.

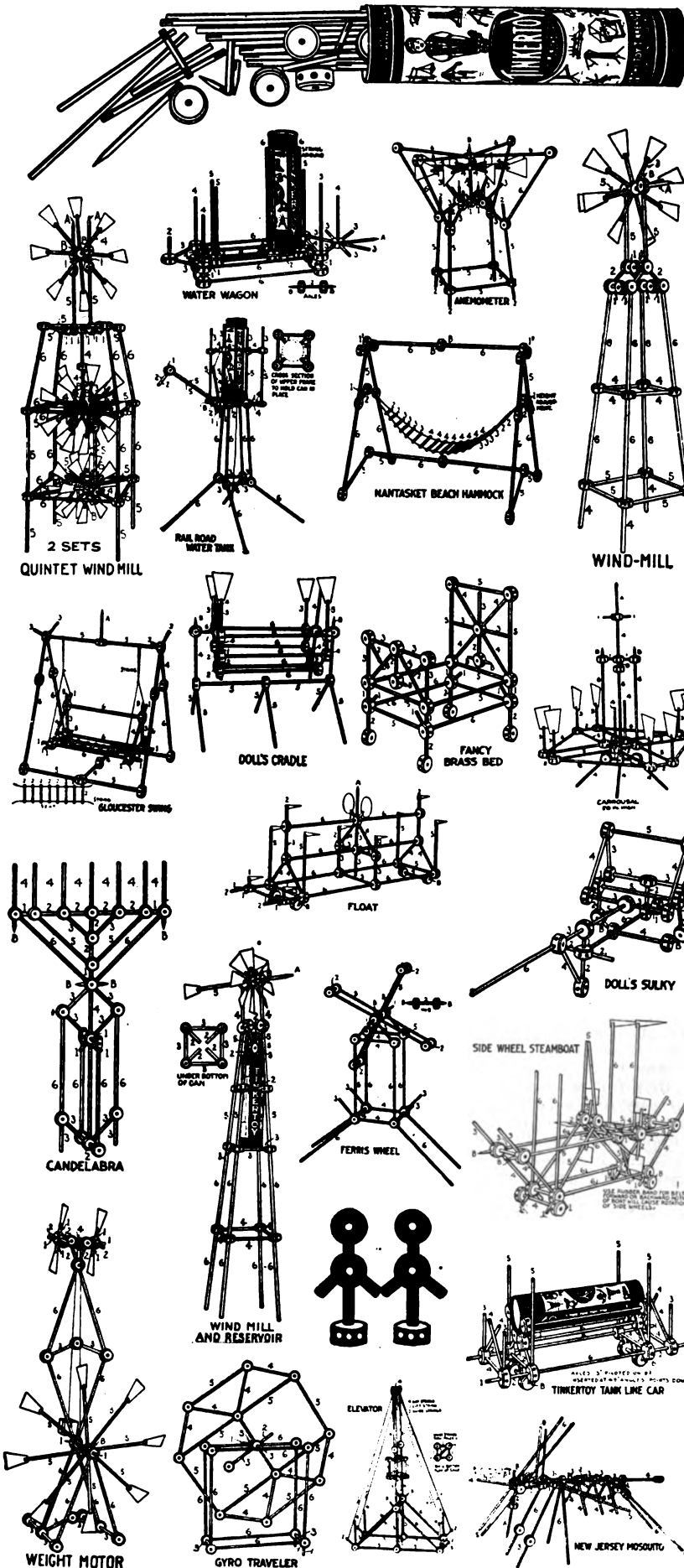
Per Dozen Sets

Tinkertoy—Consists of 73 Smooth Round Rods and Spools, All Hardwood, Clean and a Toy without Paint or Varnish, that can be Taken Apart and Put Together to Form a Thousand Different Marvelous Motion Figures, Complete with Easy Instructions **\$8.00**

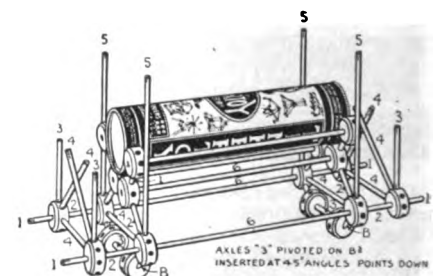
Weight Per Set 1 Pound.

One Set in a Screw Top Fibre Container; One Dozen in a Case.

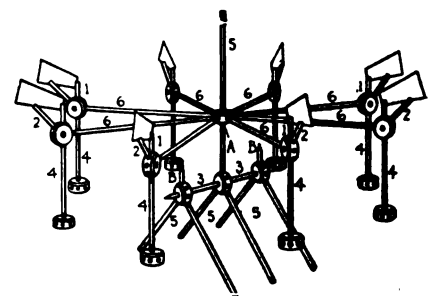
Note—A Tinkertoy Book "B" consisting of wonderful new models, made with two sets and more, is furnished free through dealers to two-set purchasers or present owners of Tinkertoys on the purchase of a second set.



Models Range in Size from One to Five Feet.

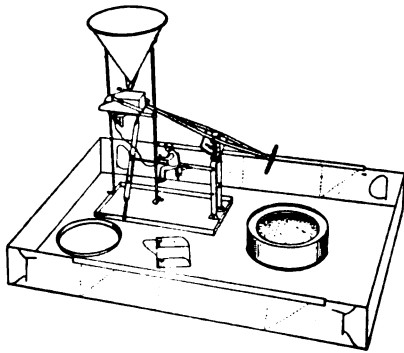


TINKERTOY TANK LINE CAR
17 INCHES LONG. ONE OF A THOUSAND MODELS
THAT CAN BE MADE WITH ONE SET OF TINKERTOY



HAPPY-GO-ROUND
30 INCHES WIDE
MADE WITH ONE SET OF TINKERTOY

AUTOMATIC SAND CRANE



Truly a Marvelous Toy.

Per Dozen

No. 103—Automatic Sand Crane, 14 1/4 inches High, Tray 15 1/2 x 22 3/4 x 3 inches, Carton 6 x 5 7/8 x 15 1/4 inches, Crane and Accessories with Full Instruction for Setting Up and Operating\$19.60

Its operation is so mysterious and magical that nearly everyone exclaims: "How wonderful! How does it do it?" The little manikin engineer seems almost human as he appears to operate and control the mechanism. On this account and also because it is a construction toy of a very durable kind, it is doubtless the most instructive and entertaining toy ever placed on the market.

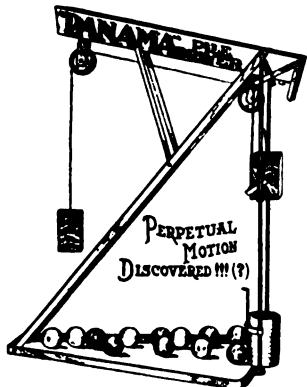
Pour sand in the hopper, and immediately the "Crane" sets industriously to work to transfer the sand through a semi-circle, dump it opposite the loading point, and then return for another load, very much after the manner of a steam dredging crane or steam shovel. The operation can be continued indefinitely. Each filling of the hopper operates the toy for nearly eight minutes.

Each toy is tested in our factory, and like all our "Automatics", the parts are attached and secured by the famous Wolverine Lock Joints.

The containing carton which is made in bright colors splendidly serves the purpose of a Sand Tray.

Metal binding strips to stiffen the edges as shown, accompany each toy. A good supply of nice white clean sand in a friction-top can and sand scoops in bright colors are also included.

PANAMA PILE DRIVER



The sharp tap, tap, tap of this clever Automatic Pile Driver is a source of wonder and delight to every child.

It is a most interesting construction toy, that does something automatically when set up.

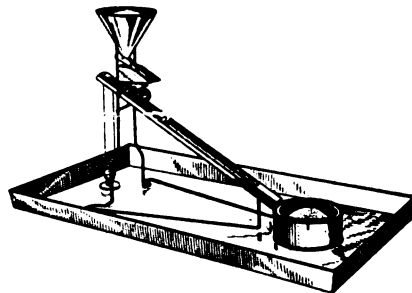
The operation is extremely simple:

Placing the marble in the chute at the top and giving the hammer a start downward, puts the Panama into rapid action.

Per Dozen

Panama Pile Driver—16 3/4 inches High, Size of Carton 20 5/8 x 3 1/2 x 3 1/4 inches, Driver is Collapsible, Packed in Neat Attractive Carton Including 12 Bright Color Marbles, Weight Per Gross 348 Lbs.....\$17.00
Extra Marbles, for Above30
One Dozen in a Box.

SANDY ANDY



Per Dozen

No. 50—13 1/2 inches High, Carton 14 3/8 x 4 3/4 x 4 1/4 inches, Weight Per Gross 372 Lbs..\$ 8.50
No. 75—Same as No. 50, but with Tray 12.20
No. 100—17 1/4 inches High, Carton 20 5/8 x 5 5/8 x 5 5/8 inches, with 30x12x2 inch Taper Tray, Weight Per Gross 630 Lbs. 17.00
No. 150—Metal Trays, 31 1/2 x 15 1/2 x 2 inches, Weight Per Gross 392 Lbs..... 10.50

Pour sand in the hopper and Sandy Andy does the rest. The car is drawn up the track by the weight until it opens a swinging shutter on the bottom end of the hopper allowing the sand to run into the car. When the car is nearly full the added weight of the sand causes the car to run down the track and automatically dump the sand. The weight then again pulls the car up for another load and this operation is automatically continued as long as there is sand in the hopper.

Sandy Andy is made collapsible and in two sizes in bright colors of the very best materials. It will stand the hard knocks and bumps of rough play. Each toy is packed in a strong carton on which is printed full directions for setting up and operating.

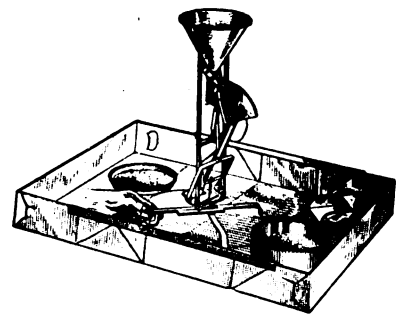
One Dozen in a Case.

SAND IN BAGS

Per Dozen

No. 1—2 1/2 Lbs.
in Bag....\$1.60
No. 2—5 Lbs.
in Bag.... 2.20

DUMPING SANDY



Per Dozen

Dumping Sandy—12 1/2 inches High, Tray 14x18x2 1/4 inches, Carton 4 1/2 x 4 1/2 x 14 inches, Weight Per Gross 300 Lbs..\$10.00
Full directions for setting up in box.

An automatic Sand Toy that keeps the youngster busy and happy day in and day out, because the toy not only works automatically but because it can also be guided by the will of the child to perform various functions.

The child likes to watch the motions of "The Wolverine Automatics," but he likes better still to manipulate them. Dumping Sandy certainly gives him free scope in this particular. Pouring sand in the hopper starts the bucket dumping sand automatically as long as any remains in the hopper, but the sand can also be dumped in any direction by means of the rack and pinion device at the bottom of the toy.

The containing carton which is made in bright colors splendidly serves the purpose of a Sand Tray.

Metal binding strips to stiffen the edges as shown, accompany each toy. A good supply of nice white clean sand in a friction-top can and a sand scoops in bright colors are also included.

One Dozen in a Case.

SKI SCRAPER ELEVATOR

ELECTRIC

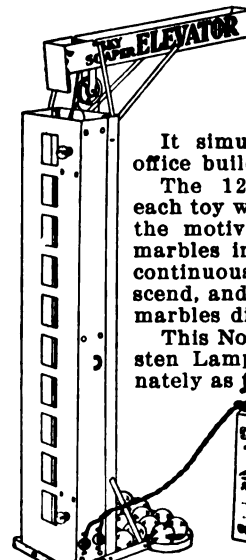
One of the Most Attractive of the "Wolverine Automatics."

It simulates as nearly as possible a detached office building elevator.

The 12 bright colored marbles accompanying each toy when placed in the chute at the top furnish the motive power for the toy. By replacing the marbles in the chute the car travels up and down continuously. One marble causes the car to descend, and the counterweight makes it ascend. The marbles discharge at the bottom as shown.

This Novel Toy is equipped with Miniature Tungsten Lamps in Red and White, which flash alternately as the car runs down and up. The lamps can be operated by any standard one-cell battery—to be furnished by customer.

This toy with its splendid automatic movement, the wiring, electrical switches, lamps, etc., is intensely interesting and instructive to any child.



The Toy is artistically lithographed in colors, the car showing the Elevator Operator in front and the Passengers at the rear.

The Most Attractive Automatic. Per Dozen
No. 151—Electric Elevator, 24 inches High, Carton 22x4 3/8 x 2 3/4 inches, Every Toy Carefully Tested Before Leaving Factory, the Toy is Collapsible and Packed in an Individual Carton with Full Directions, Weight Per Dozen 40 Lbs.....\$28.50

Per Dozen Pairs

Extra Tungsten Lamps or Bulbs, for Above.....\$4.00
One Dozen in a Box.

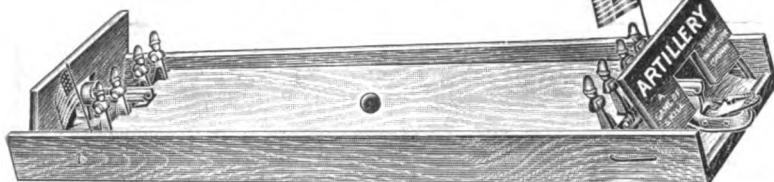
BOWLING ALLEYS



Bowling Alley—40 inches Long, 7 1/2 inches Wide, Varnished in a Very Attractive Manner, Complete with Pins and Balls... **\$17.00**
Each player shoots two balls from the gun at the end of the board. Spares and strikes are counted in the same manner as the real game. At the pin end of the board is an iron curtain pivoted at the top in a manner that holds the balls after they have been shot.

One Dozen in a Crate, Weight Per Crate 85 Pounds.
One in a Box.

ARTILLERY



Artillery—Board Beautifully Made of Finely Finished Hardwood... **\$17.00**

Skill and entertainment are combined in this new game of Artillery. The guns may be aimed to strike any figure desired. The figures are reset by operating a small lever at the side of the board. Each player shoots four shells. The one knocking down most figures wins.

This is a strong and durable game that will give many years of amusement to both young and old.
One in a Box.

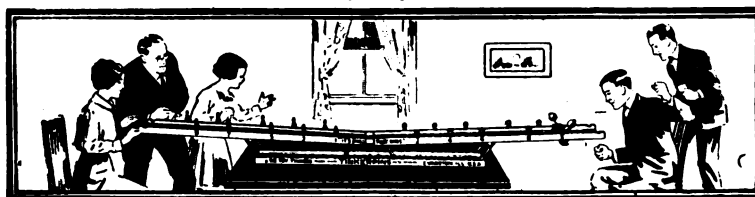
PITCH 'EM



The Game of Indoor Horse Shoe.

Pitch 'Em—Complete Outfit... **\$18.00**
One Set in a Box.

TINKER PINS



Tinkerpins—4 feet 8 inches Long, 6 inches High, Wood Frame, Grooved Parallel Rails Contain 10 Pins at Each End, Centrifugal Traveler with Automatic Retard Spins Forward and Backward, Automatic Register of Count and Automatic Set Up of Pins for Opponent, Can be Assembled in Two minutes, Packed Away Flat in One-half a Minute, Size of Box Packed, 2 1/4 inches Square, 27 inches Long, Weight Each 2 Lbs... **\$8.00**

The new game Tinkerpins—"its skill that wins." Count as in bowling, but you won't have to set up the pins. The Spinner having been started down the rails automatically sets up ten pins for the next player and automatically counts the pins knocked down over at the far end. The object being to knock down as many of the far ten pins as possible without going into the gutter, as a gutter shot cancels the count. The opponent then plays in opposite direction.

The Spinner has a governor control, enabling the player to attain wonderful accuracy, thus giving intense interest and suspense to every shot.

Weight Per Dozen 26 Pounds.
One Dozen in a Fibre Carton.

STEWART
PHONOGRAPH

A WONDERFUL PHONOGRAPH.



Stewart Phonograph—Equipped with the Stewart Universal Reproducer, Plays Any Type of Record, Any Size, Any Make, Any Price, Stewart Instantaneous Time Control, Automatic Needle Stop, Improved Stewart Silent Motor, Tone Arm and Sound Chamber Improvements Greatly Increase Volume and Tone Quality of Music... **\$6.50**
Full directions with each machine.
Guaranteed for 10 Day Trial.

REGISTERING BANKS

PREMIER 3-COIN



No. 3—3 3/4 inches Wide, 4 7/8 inches Long, 5 3/4 inches High, Finely Finished in Gold and Black, Also Gold, Red and Blue, Registers Pennies, Nickels and Dimes, Opens Automatically when \$10 has been Deposited, a Most Wonderful Bank... **\$12.00**

PREMIER 1-COIN



No. 1—3 3/4 inches Wide, 4 7/8 inches Long, 5 3/4 inches High, Finely Finished in Gold and Black, Opens Automatically when \$10 has been Deposited, Most Reliable and Substantial... **\$8.00**

DEPARTMENT NO. 11

FISHING TACKLE

NETS, BOATS, OARS

ROW LOCKS, FOOT BALL GOODS, CROQUET
SETS, DRINKING CUPS AND FLASKS, TENTS,
CAMP STOVES, CAMP KITS, HAMMOCKS,
BASE BALL GOODS, TENNIS GOODS, AND
ATHLETIC SHOES.

Wm. Frankfurth Hardware Co.

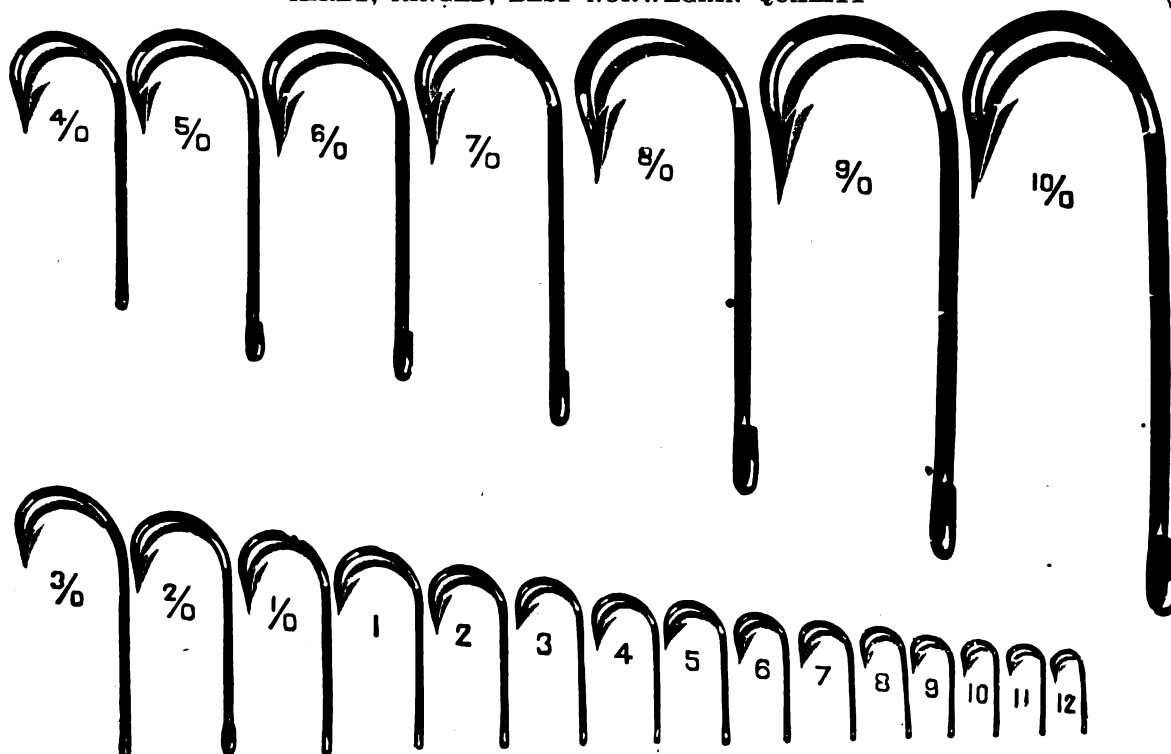
MILWAUKEE



IMPORTED FISH HOOKS

Cuts Full Size.

KIRBY, RINGED, BEST NORWEGIAN QUALITY

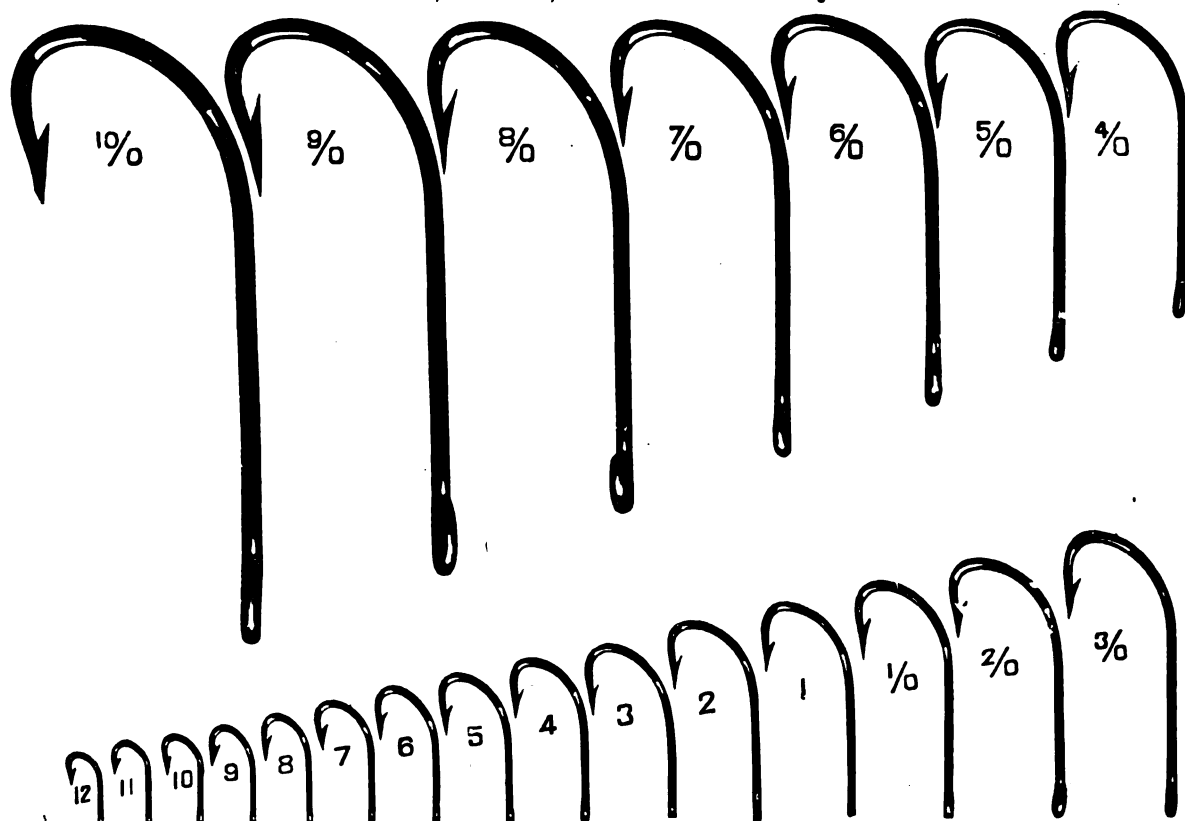


Spear Point, Large Eye, Japanned.												
Nos.	12 to 1	1-0	2-0	3-0	4-0	5-0	6-0	7-0	8-0	9-0	10-0	12-0
Per 1000	\$1.00	1.30	1.50	1.75	2.00	2.20	2.60	3.25	4.30	5.40	7.60	13.00

One Hundred in a Box; One Thousand in a Package.

One Hundred in a Box; One Thousand in a Package.

LIMERICK, RINGED, BEST NORWEGIAN QUALITY



Spear Point, Large Eye, Japanned.													
Nos.	12 to 1	1-0	2-0	3-0	4-0	5-0	6-0	7-0	8-0	9-0	10-0	12-0	13-0
Per 1000	\$1.00	1.30	1.50	1.75	2.00	2.20	2.60	3.25	4.30	5.40	7.60	14.00	20.00
One Hundred in a Box; One Thousand in a Package.													

One Hundred in a Box; One Thousand in a Package.

Note—Nos. 1 to 5 Kirby and Limerick Hooks are furnished with Extra Large Eye. Generally used when fishing through the ice.



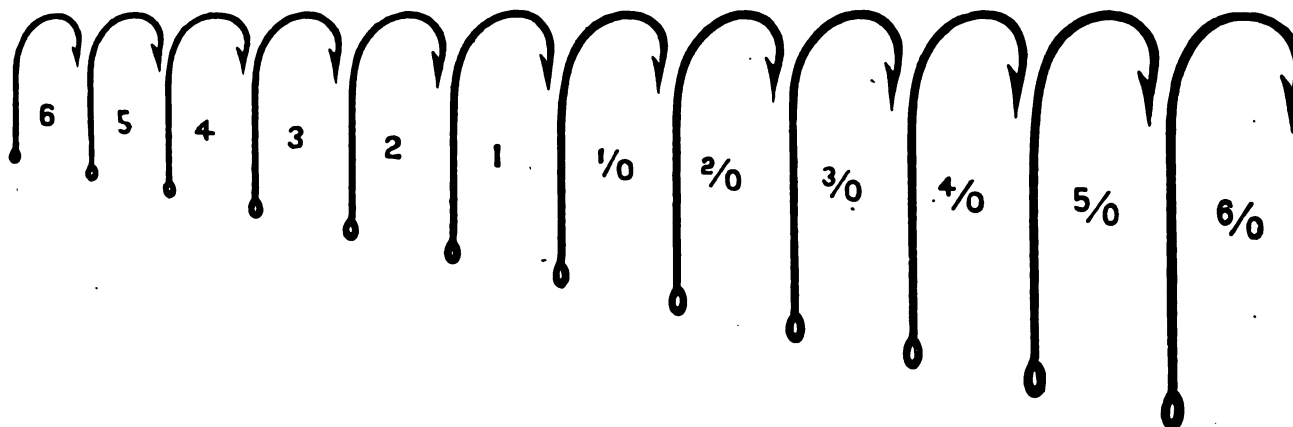
IMPORTED FISH HOOKS

Cuts Full Size.



SPROAT, RINGED, BEST NORWEGIAN QUALITY

GUARANTEE—We guarantee our Norwegian Hooks to be equal to the best English Hooks.



Best Quality Spring Steel, Spear Point, Rust Proof Finish.

Nos.	10 to 1	1-0	2-0	3-0	4-0	5-0	6-0	7-0
Per 1000	\$1.30	1.50	1.70	2.00	2.30	2.60	3.00	3.60

One Hundred in a Box; One Thousand in a Package.



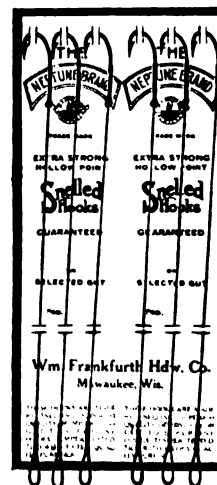
Sproat Snelled Hook.

SPROAT, SNELLED.

Neptune Quality.

All our Neptune Grade Snelled Hooks are put up in patent wrapper.

Advantage of Neptune Patent Wrapper—The fisherman can see at a glance the size and style of hook he desires without mutilating the wrapper, consequently your stock of snelled hooks remains clean and in good shape.



Cut Showing Patent Neptune Wrapper.



Neptune, Best Quality Spring Steel, Spear Point, Rust Proof Finish.

Tied on First Quality 7 Inch Gut.

Sizes	8 to 1	1-0	2-0	3-0	4-0
No. 100—Single Gut, Per Gross	\$2.00	2.20	2.60	...	...
No. 110—Double Gut, Per Gross	2.60	2.90	3.10	3.80	3.50

Note—All our Snelled Hooks are imported from England, and are tied to first quality gut, and put up in Patent Wrapper shown above. We can furnish them with either the White or Mist color gut.

One-half Dozen in a Patent Wrapper; One Gross in a Box.

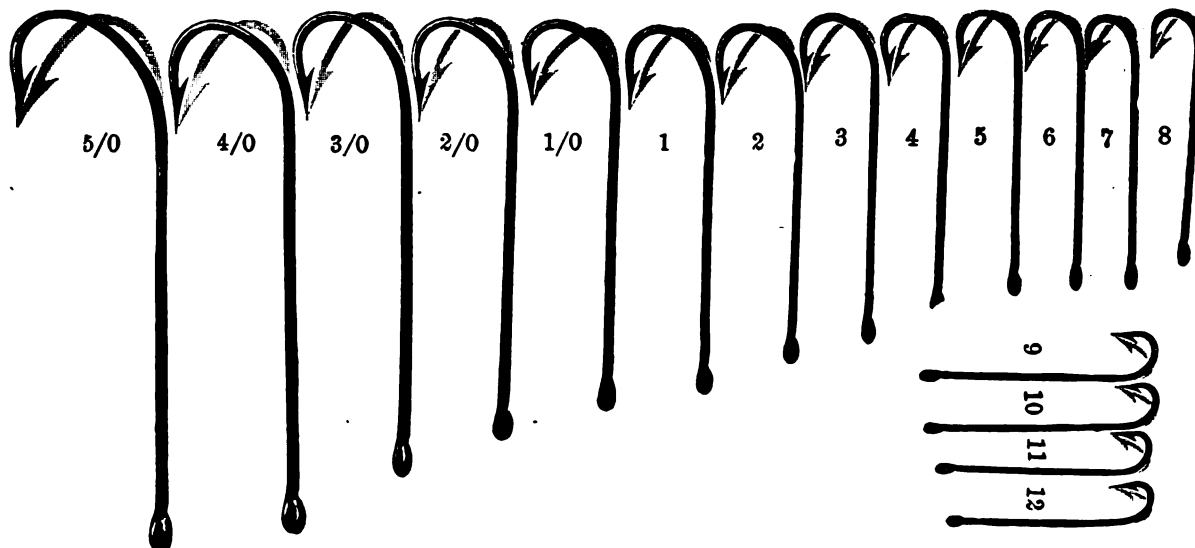


IMPORTED FISH HOOKS



Cuts Full Size.

CARLISLE RINGED, BEST NORWEGIAN QUALITY



Norwegian Spring Steel, Spear Point, Long Shank, Rust Proof Finish.

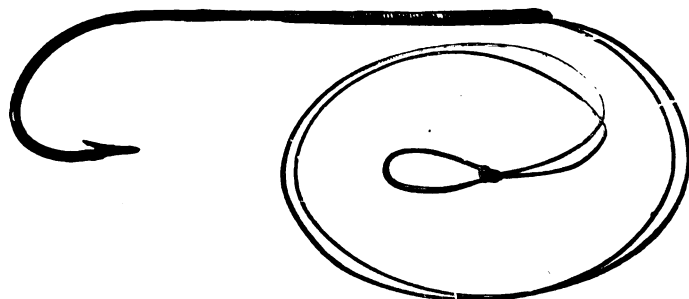
Nos.	12 to 1	1-0	2-0	3-0	4-0	5-0	6-0	7-0
Per 1000	\$1.30	1.50	1.75	2.00	2.25	2.50	3.00	3.50

One Hundred in a Box; One Thousand in a Package.

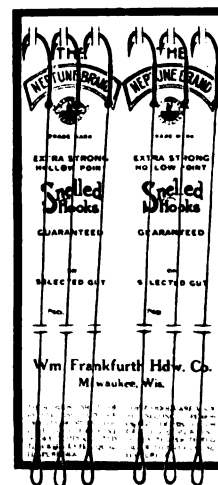
All our Hooks are full size and counted as labeled.

CARLISLE, SNELLED

Neptune Quality.



Carlisle Snelled Hook, Showing Double Gut Style.



Cut Showing Patent Neptune Wrapper.

Best Quality Spring Steel, Spear Point, Long Shank, Rust Proof Finish, Tied on First Quality 7 Inch Gut.

Sizes	8 to 1	1-0	2-0	3-0	4-0
No. 200—Single Gut, Per Gross	\$2.00	.....	.....	.....	.....
No. 220—Double Gut, Per Gross	2.60	2.90	3.10	3.30	3.50

Superfine Quality Spring Steel, HOLLOW POINT, Long Shank, Rust Proof Finish, Tied to 7 Inch Selected Mist Color Gut.

Sizes	10 to 1	1-0	2-0	3-0	4-0	5-0	6-0
No. 300—Single Gut, Per Gross	\$3.50	.....	.....	.....	.....	.....	.....
No. 315—Double Gut, Per Gross	4.00	4.50	5.00	5.50	6.00	6.50	7.50

One-half Dozen in a Patent Wrapper; One Gross in a Box.

Note—We can furnish the above Snelled Hooks with either White or Mist Color Gut.

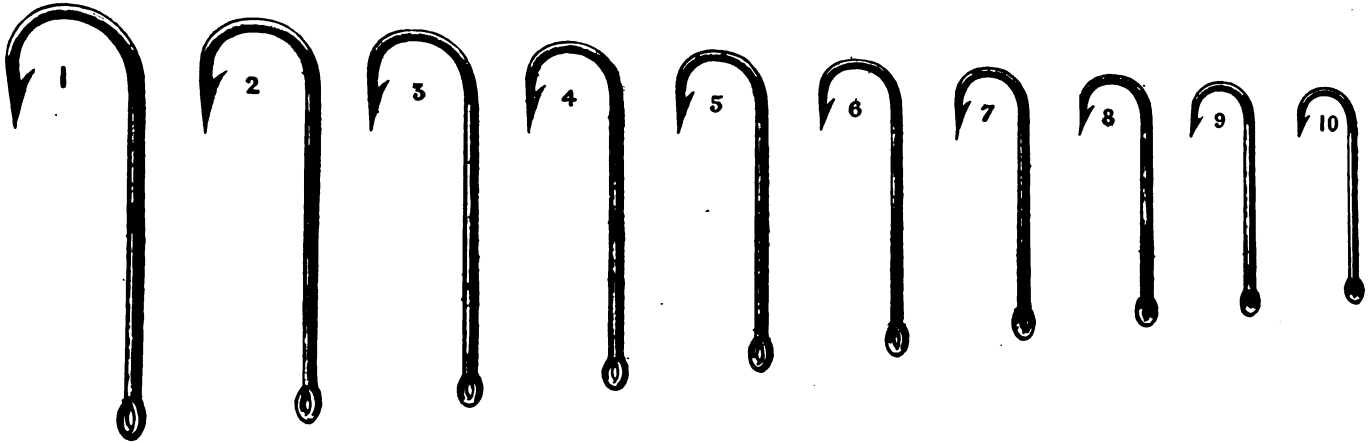


IMPORTED FISH HOOKS

Cuts Full Size



PACIFIC BASS, BEST NORWEGIAN QUALITY

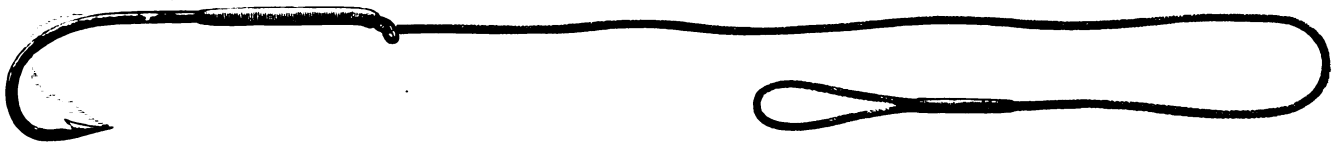


Norwegian Spring Steel, Hollow Point, Rust Proof Finish, Same Style as Carlisle but a Heavier Hook.

Nos.	10 to 5	4	3	2	1	1-0	2-0	3-0
Per 1000	\$4.50	5.00	5.50	6.50	7.50	9.00	11.00	13.00

One Hundred in a Box; Ten Boxes in a Package.

CINCINNATI BASS, TURNED DOWN EYE, ON WIRE LEADERS



Neptune Best Quality Spring Steel, Hollow Point, Rust Proof Finish, Tied to 8 Inch Twisted Bronze Wire Leader, Reinforced with Wire Whippings Over Silk Whippings.

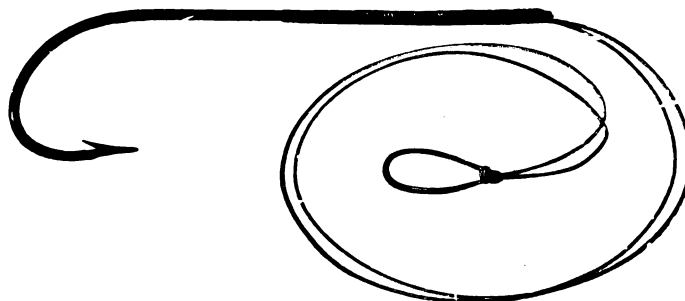
Sizes	22	21	20	19	18	17	16
No. 350—Per Gross	\$8.50	9.00	10.00	11.00	11.50	12.00	13.00

Six Hooks Mounted on Patent Folder; One Gross in a Box.

The Best Snelled Hooks Ever Offered for the Money.

Note—Our Cincinnati Bass Hooks are Full Sized. We make particular mention of this, as there are Cincinnati Hooks now on the market which are marked up Two Sizes, i. e., their Hooks marked No. 16 are in size equal only to our No. 18.

STANDARD GRADE CARLISLE, SNElLED



CARLISLE, STANDARD GRADE, Spring Steel, Spear Point, Long Shank, Rust Proof Finish, Tied on 6 INCH GUT.

Sizes	10 to 1	1-0	2-0	3-0	4-0
No. 180—Carlisle Single Gut.....	Per Gross, \$1.50	.....	.....	.....	.....
No. 190—Carlisle Double Gut.....	Per Gross, 2.00	2.10	2.20	2.20	2.40

One-half Dozen in a Plain Wrapper; One-quarter Gross in a Bunch; One Gross in a Box.

Note—We can furnish the above Snelled Hooks with either the White or Mist Color Gut.

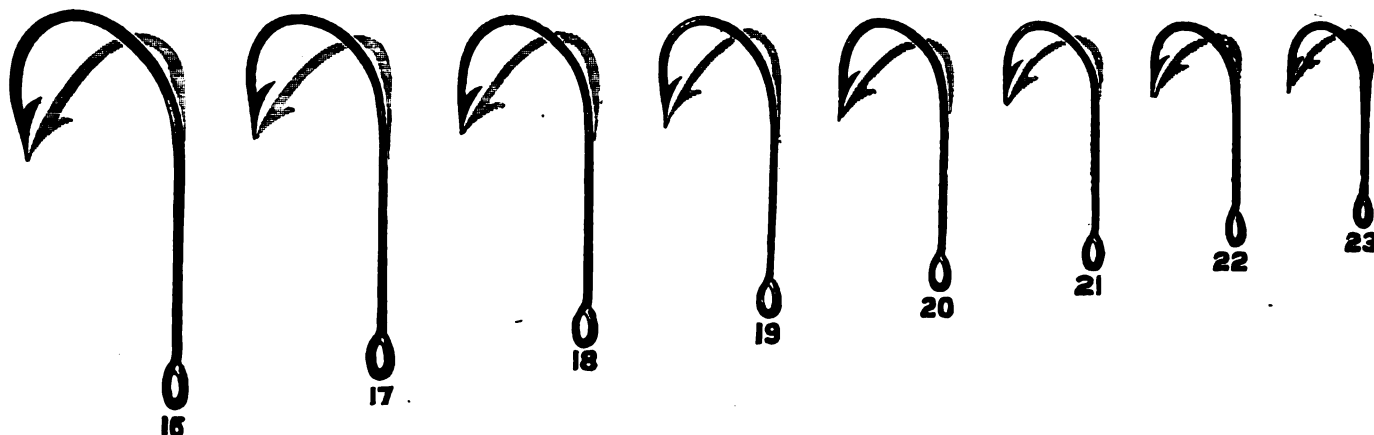


IMPORTED FISH HOOKS

Cuts Full Size



CINCINNATI BASS, RINGED, BEST NORWEGIAN QUALITY



Norwegian Spring Steel, Thin Shank, Polished, Bent to One Side Same as Carlisle.

Spear Point.

Nos.	25 to 23	22	21	20	19	18	17	16	15
Bright Finish	Per 1000, \$1.20	1.30	1.40	1.60	2.00	2.20	2.70	3.30	4.30
Rust Proof Finish	Per 1000, 1.40	1.50	1.60	1.90	2.20	2.70	3.30	3.80	4.80

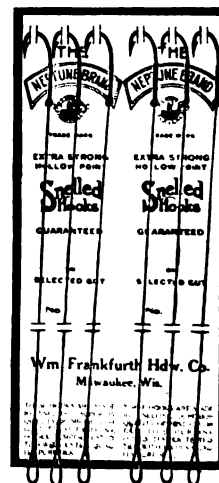
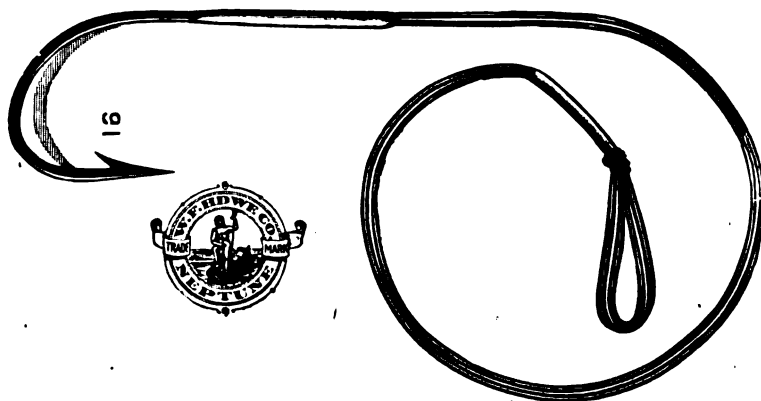
Hollow Point.

Nos.	25 to 21	20	19	18	17	16	15
Rust Proof Finish	Per 100, \$4.00	4.60	5.10	5.70	6.80	8.60	10.20

One Hundred in a Box; Ten Boxes in a Package.

CINCINNATI BASS, SNElLED.

Neptune Quality.



Cut Showing Patent Neptune Wrapper.

Best Quality Spring Steel, Spear Point, Thin Shank, Rust Proof Finish, Tied to First Quality 7 Inch Double Gut.

Sizes	25 to 23	22	21	20	19	18	17	16
No. 250—Double Gut	Per Gross, \$2.60	2.70	3.00	3.20	3.40	3.60	3.80	4.00

Best Quality Spring Steel, HOLLOW POINT, Rust Proof Finish, Tied to Finest Quality Selected 7 Inch Mist Color Gut, with Reinforced Wound Ends.

Sizes	31 to 23	22	21	20	19	18	17	16
No. 370—Single Gut	Per Gross, \$4.00	4.50	4.75	5.00	5.50	.....	.....	.....
No. 375—Double Gut	Per Gross, 5.50	6.00	6.50	7.00	7.50	8.00	9.00	10.00

One-half Dozen in a Patent Wrapper; One Gross in a Box.

Note—We can furnish the above Snelled Hooks with either the White or Mist Color Gut.

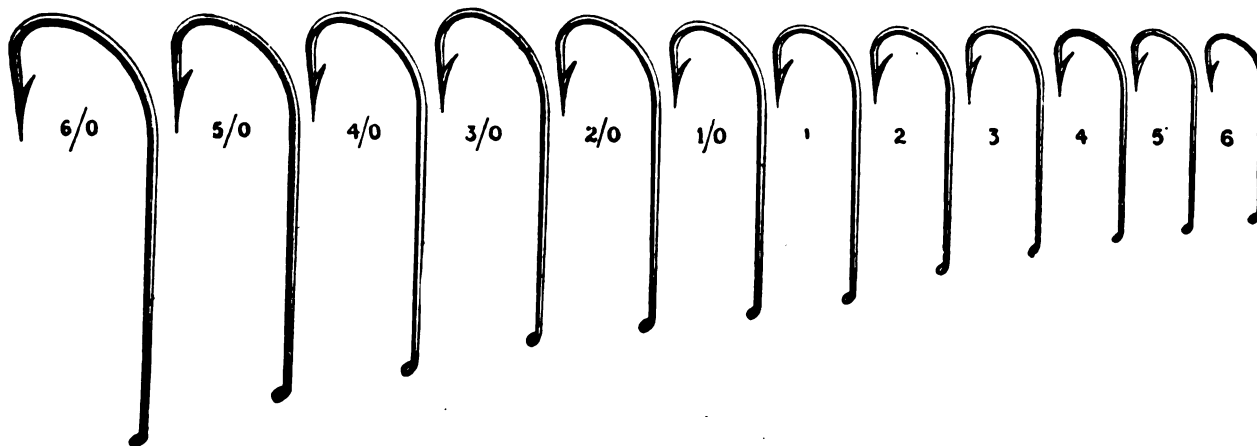


IMPORTED FISH HOOKS

Cuts Full Size.



PENNELL TURNED DOWN EYE, BEST NORWEGIAN QUALITY

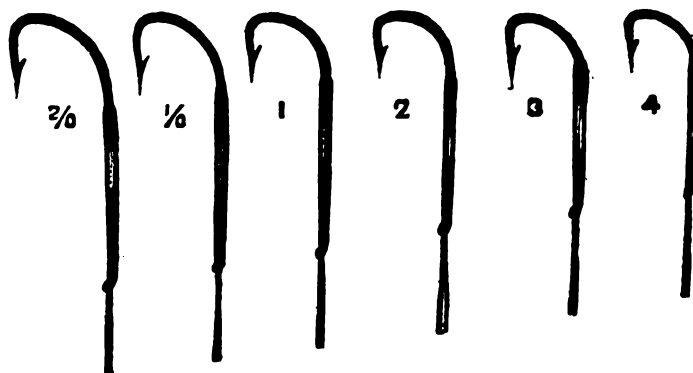


Highest Quality Norwegian Hand Made Spring Steel, File Point, Rust Proof Finish.

Nos.	10 to 1	1-0	2-0	3-0	4-0	5-0	6-0
Per 1000	\$5.50	6.50	7.50	8.50	10.50	12.00	14.00

One Hundred in a Box; Ten Boxes in a Carton.

PENNELL TURNED DOWN EYE, SNELLED.



Neptune, Best Quality Steel, FILE POINT, Rust Proof Finish, Tied to 7 Inch First Quality Gut.

Sizes	10 to 5	4	3	2	1	1-0	2-0
No. 310—Single Gut, Per Gross	\$4.00	5.50	5.50	5.50	5.50	6.50	7.00
No. 320—Double Gut, Per Gross .....	.....	5.50	5.50	5.50	5.50	6.50	7.00

Note—We can furnish the above Snelled Hooks with either the White or Mist Color Gut.

Neptune, Best Quality Spring Steel, HOLLOW POINT, Rust Proof Finish, Tied to 7 Inch Mist Color Gut with Reinforced Wound Ends.

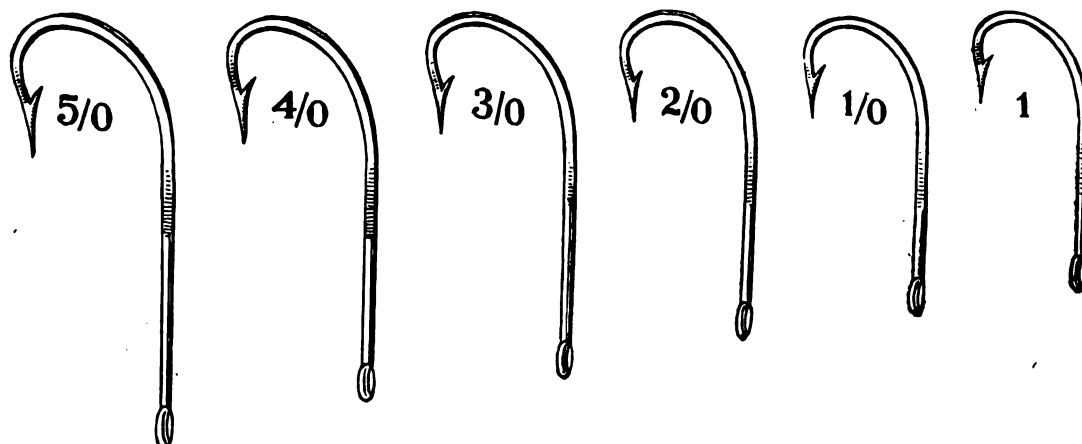
Sizes	10 to 1	1-0	2-0	3-0	4-0	5-0	6-0
No. 330—Single Gut, Per Gross	\$5.00	7.00	7.50	8.00	8.50	9.00	10.00
No. 340—Double Gut, Per Gross	6.00	7.00	7.50	8.00	8.50	9.00	10.00

One-half Dozen in a Patent Wrapper; One Gross in a Box.



IMPORTED FISH HOOKS

O'SHAUGHNESSY



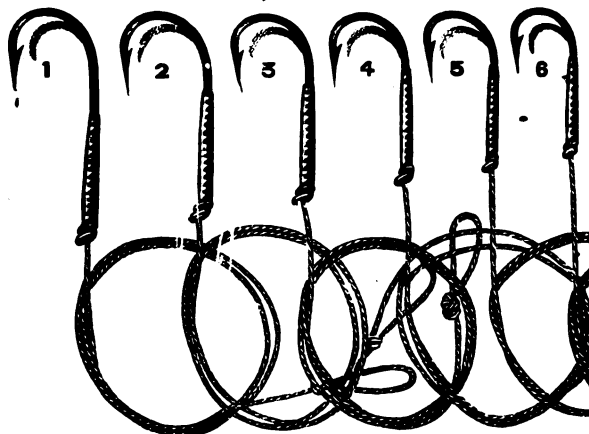
Norwegian Imported O'Shaughnessy Hollow Point, Highest Quality, Hand Forged, Bronzed.

Nos.	1	1-0	2-0	3-0	4-0	5-0
Per 1000	\$8.00	10.00	12.00	13.00	14.00	16.00

These Hooks are the highest quality obtainable, are made of the best Spring Steel with extra care and finish, and bronzed by a new process. For size they compare with the Pennell Turned-Down Eyed.

One Hundred in a Box; One Thousand in a Package.

NEPTUNE "PERFECT MODEL" HOOKS, TURN-DOWN EYE, TREBLE TWISTED GUT.



Very Finest Quality English Spring Steel, Forged and Hammered, Long and Very Sharp Needle Points, Hollow Point, Rust Proof Finish, Turn-Down Eye, Tied to 8 Inch Three Ply Engine Twisted Gut, Finest Selected Quality.

Sizes	4 to 1	1-0	2-0	3-0
No. 400—Per Gross	\$11.00	12.00	13.50	15.00

Packed One in a Special Transparent Envelope; One Gross in a Box.

The best and finest hook on the market. On account of its very sharp needle points and long barb it has greater hooking qualities than any other hook.

EVERLASTING HOOKS

"WATERWITCH"



Best Spring Steel, Hollow Point, Bronzed Hooks, Tied on 8 Inch Twisted Silvered Wire, with Double Gut End Loop, for Bass or Muscallonge.

Nos.	1-0	2-0	4-0	5-0
Per Dozen	\$0.75	.80	1.20	1.40

One Dozen in a Package; Six Dozen in a Box.

ECKARDT



Eckardt Minnow Life Preserving and Weedless Hook. Regular Carlisle Hook, Spear Point.

Nos.	3-0	4-0	5-0
Per Dozen	\$1.50	1.50	1.50

The Minnow is held in a natural position by a pin through its back, and will last again as long as when hooked through the mouth.

One Dozen in a Box.
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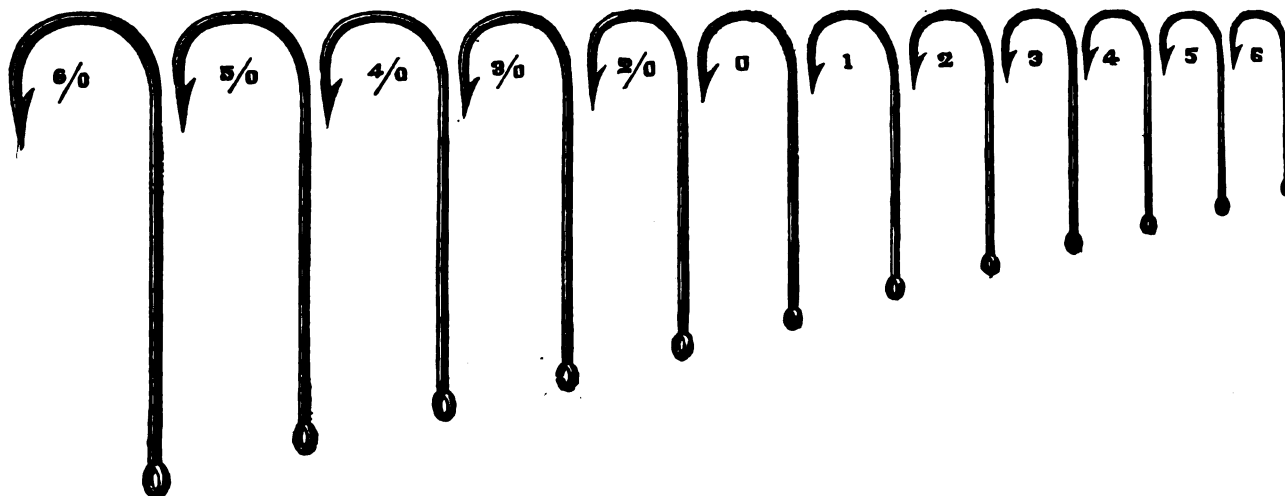


IMPORTED FISH HOOKS



Cuts Full Size.

ABERDEEN, RINGED, BEST NORWEGIAN QUALITY



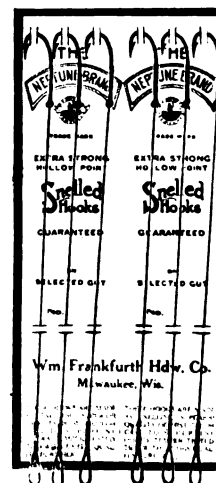
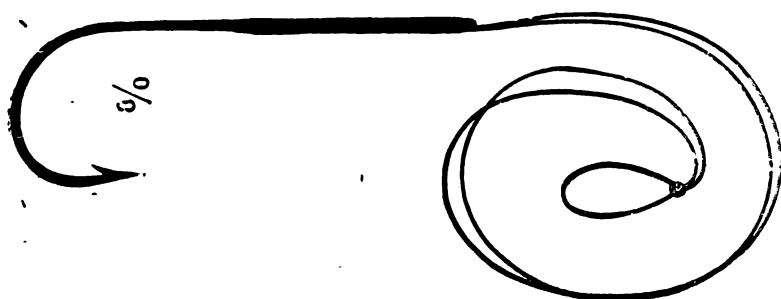
Norwegian Spring Steel, Long Shank, Spear Point, Rust Proof Finish.

Nos.	0 to 1	1-0	2-0	3-0	4-0	5-0	6-0	7-0
Per 1000	\$1.90	2.20	2.50	2.75	3.00	3.50	4.00	4.50

One Hundred in a Box; Ten Boxes in a Package.

ABERDEEN, SNELLED

Neptune Quality.



Cut Showing Patent Neptune Wrapper.

Norwegian Spring Steel, Long Shank, Rust Proof Finish, Tied on First Quality 7 Inch Gut.

Sizes	6 to 1	1-0	2-0	3-0	4-0
No. 140—Single Gut, Per Gross	\$2.00	....	....	....	....
No. 150—Double Gut, Per Gross	2.60	2.90	3.10	3.30	3.50

One-half Dozen in a Patent Wrapper; One Gross in a Box.

Note—We can furnish the above Snelled Hooks with either the White or Mist Color Gut

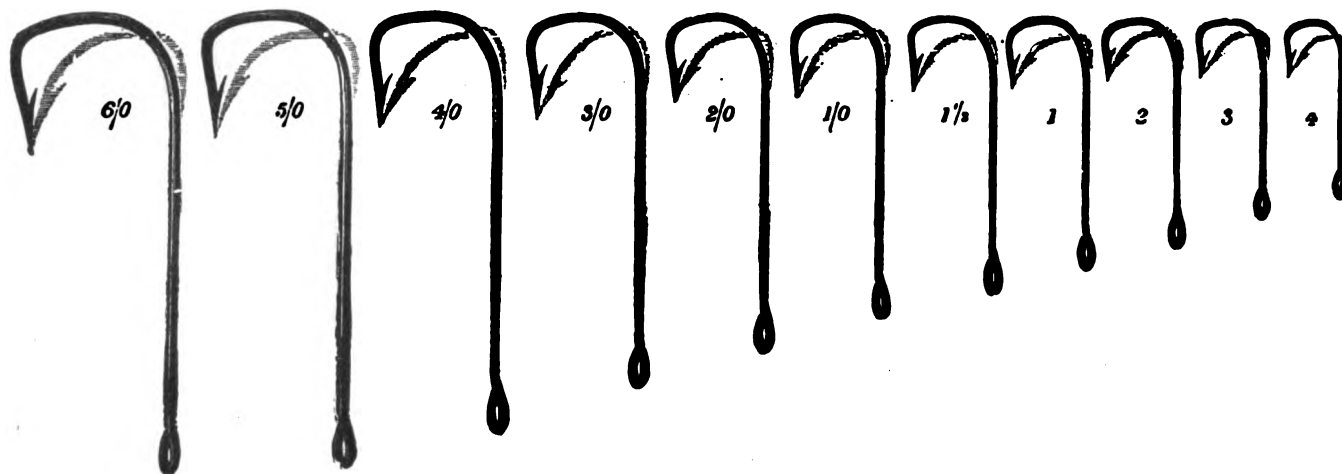


IMPORTED FISH HOOKS

Cuts Full Size.



KENDALL SNECK, RINGED, BEST NORWEGIAN QUALITY

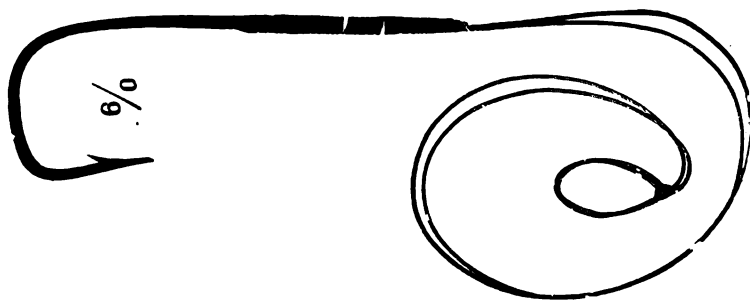


Norwegian Spring Steel, Long Shank, Spear Point, Square Bent, Rust Proof Finish.

Nos.	8 to 1	1-0	2-0	3-0	4-0	5-0	6-0	7-0
Per 1000	\$1.40	1.60	1.80	2.40	2.80	3.00	3.60	4.50

One Hundred in a Box; One Thousand in a Package.

NEPTUNE QUALITY, KENDALL SNECK, SNELLED



Cut Showing Patent Neptune Wrapper.

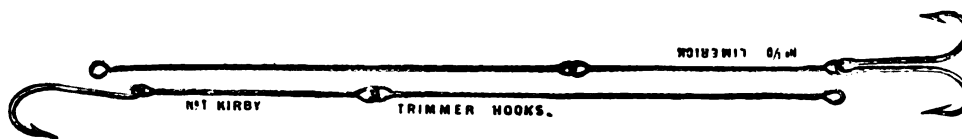
Kendall Sneck, Best Spring Steel, Spear Point, Long Shank, Rust Proof Finish, Tied on First Quality 7 Inch Gut.

Sizes	6 to 1	1-0	2-0	3-0	4-0
No. 160—Kendall Sneck, Single Gut, Per Gross	\$2.00	...	...	...	...
No. 170—Kendall Sneck, Double Gut, Per Gross	2.60	2.90	3.10	3.30	3.50

One-half Dozen in a Patent Wrapper; One Gross in a Box.

SET LINE HOOKS

SINGLE AND DOUBLE HOOKS



Japanned Spring Steel Hooks on 3 Inch Jointed Twisted Brass Wire Leaders.

Sizes	3	2	1-0	2-0
No. 180—Single Hook, Per Gross	\$3.60	3.60	3.90	4.00
No. 192—Double Hook, Per Gross	5.00	5.00	5.50	6.00



WEEDLESS FISH HOOKS

Cuts Full Size.

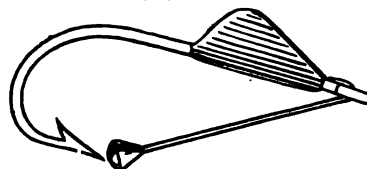


BING'S



Not Leaded.

BING'S SPECIAL



No. 791—Leaded.

Best English Spring Steel, Hollow Point, Bronzed.

Sizes	3-0	4-0	5-0	6-0
No. 750—Not Leaded, Carlisle Bend.....	Per Dozen, \$1.20	1.20	1.20	1.20
No. 751—Leaded, Carlisle Bend.....	Per Dozen, 1.60	1.60	1.60	1.60
No. 760—Not Leaded, Sproat Bend.....	Per Dozen, 1.20	1.20	1.20	1.20
No. 761—Leaded, Sproat Bend.....	Per Dozen, 1.60	1.60	1.60	1.60
Sizes	18	19	20	
No. 770—Not Leaded, Cincinnati Bass Bend.....	Per Dozen, \$1.20	1.20	1.20	
No. 771—Leaded, Cincinnati Bass Bend.....	Per Dozen, 1.60	1.60	1.60	
No. 790—Not Leaded, Bings Special Weedless, Made in Size 4-0 Only		Per Dozen, \$1.60		
No. 791—Leaded, Bings Special Weedless, Made in Size 4-0 Only		Per Dozen, 2.00		

One-sixth Dozen on a Card; One Dozen in a Box.

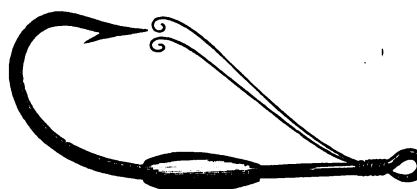
O'SHAUGHNESSY WEEDLESS HOOKS

BING'S



No. 850—Not Leaded.

NEPTUNE PERFECT



No. 861—Leaded.

Genuine Hand Forged, Imported O'Shaughnessy Square-Wrought Hooks, Equipped with the Most Practical of All Weed Guards.

O'Shaughnessy Weedless Hooks excel in the two essentials of a good fish hook—strength and hooking quality. Will go through the thickest weeds without trouble and at the same time the weed guard will not interfere with the lightest strike.

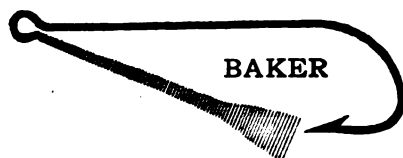
Sizes	1-0	3-0	5-0	Sizes	1-0	3-0	5-0
No. 850—Not Leaded...Per Dozen, \$1.60	1.60	1.60	1.60	No. 860—Not Leaded...Per Dozen, \$1.70	1.70	1.70	1.70
No. 851—Leaded.....Per Dozen, 2.20	2.20	2.20	2.20	No. 861—Leaded.....Per Dozen, 2.30	2.30	2.30	2.30

One-sixth Dozen on a Card; One Dozen in a Box.

The points of the weed guard on the Neptune Perfect Hook are turned under so they will not catch or stick in the fish's throat when it swallows the hook. This is a big advantage this hook has over the regular style O'Shaughnessy Weedless Hooks.

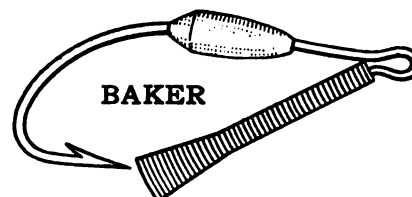
One Hook on a Card; One Dozen in a Box.

BAKER SPROAT



Not Leaded.

You can bend the weed guard any direction and it will spring back in place again. The best Weedless Hook on the market today.



Leaded.

Best Spring Steel, Spear Point, Bronzed.

Sizes	3-0	4-0	5-0
No. 870—Not Leaded.....	Per Dozen, \$1.80	1.80	1.80
No. 871—Leaded.....	Per Dozen, 2.40	2.40	2.40

One Hook on a Card; One Dozen in a Box.

Note—Sizes on all the above Hooks are same as the Plain Ringed Hooks.

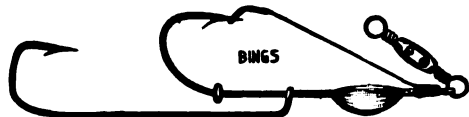


FROG TANDEM



BING'S WEEDLESS

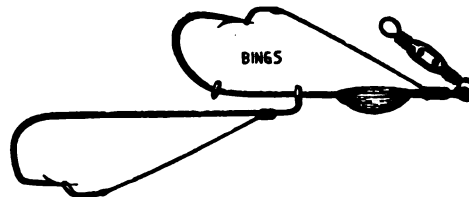
BING'S WEEDLESS



The Weed Guard holds the frog very securely on the hook and the bait always stays right side up. The rear hook can be held in position with a rubber band or light cord.

No. 15—Leaded, No. 5-0 Carlisle Front Hook, No. 4-0 Sneck Rear Hook, Hollow Point, Bronzed, Brass
Box Swivel \$3.00

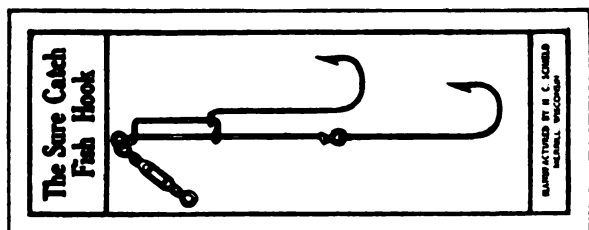
One-twelfth Dozen on a Card.



In this Tandem both hooks have weed guards and the rear hook or trailer points down instead of up.

No. 20—Leaded, No. 5-0 Carlisle Front Hook, No. 4-0 Sneck Rear Hook, Hollow Point, Bronzed, Brass
Box Swivel \$3.50

SURE CATCH FROG OR MINNOW TANDEM

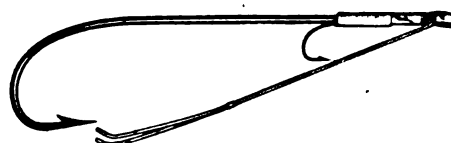


Genuine Blued Sneck Hooks on 18 Gauge Brass Gold Plated Wire, with Brass Swivels, Made in Three Sizes: 2-0 for Bass, 4-0 for Pike and 6-0 for Pickerel.

Sure Catch Tandem Nos. 2-0 4-0 6-0
Per Dozen \$2.00 2.20 2.40

One on a Card; One Dozen in a Box.

SOUTH BEND TANDEM



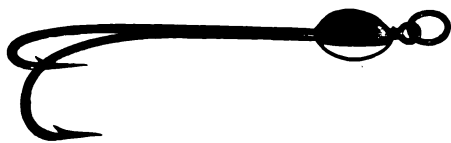
For Frog, Minnow or Pork Rind.

Just the thing for casting a Frog or Pork Rind. Hooks are Bronzed Finish Hollow Point Sproat.

No. 495—Weedless Tandem, Size 4-0 Hook \$2.30

Per Dozen

NEPTUNE SHORT BITE HOOK



For Frog or Pork Rind.

Something every angler should have—no tackle box is complete without them.

The head of the frog is attached to the snap and the legs will then cover the point of the hooks, thus making it practically a weedless hook. When using pork rind cut it in shape of a frog.

No. 150—Size 5-0 Bronzed Hollow Point Hooks \$3.00
No. 200—Same as No. 150, but with Wire Weed Guard. 4.00

Per Dozen

TANDEM TROLLING GANG



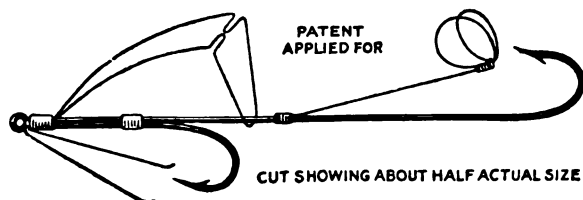
Hand Forged O'Shaughnessy Tandem Hooks Tied to 4 Ply Twisted Gut Loops. Can be Attached to Any Spoon or Spinner.

No. 7—Size 2-0 Hooks \$1.70

Per Dozen

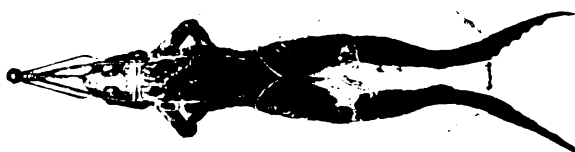
Can be used for Trolling or Casting.
Packed in a Transparent Envelope; One Dozen in a Box.

THE U-B. LIVE FROG HARNESS



PATENT
APPLIED FOR

CUT SHOWING ABOUT HALF ACTUAL SIZE



Cut Shows Frog Secured to Tandem.

Extra Quality Filed Point, 4-0 Sproat Hook in Front, and 6-0 Carlisle Hook in Rear, Best Music Wire Looped Clamp, Nickel Plated on Copper, with Weedless Hooks.

No. 1—For Medium or Large Size Frogs \$6.00
No. 2—For Small Size Frogs 6.00

The U-B Live Frog Harness holds the frog perfectly, and keeps it absolutely alive. The frog is so held without hooking, that it has free use of every part of its body, and it is always in natural position. An unlimited number of casts may be made with the U-B Live Frog Harness without injury to the frog.

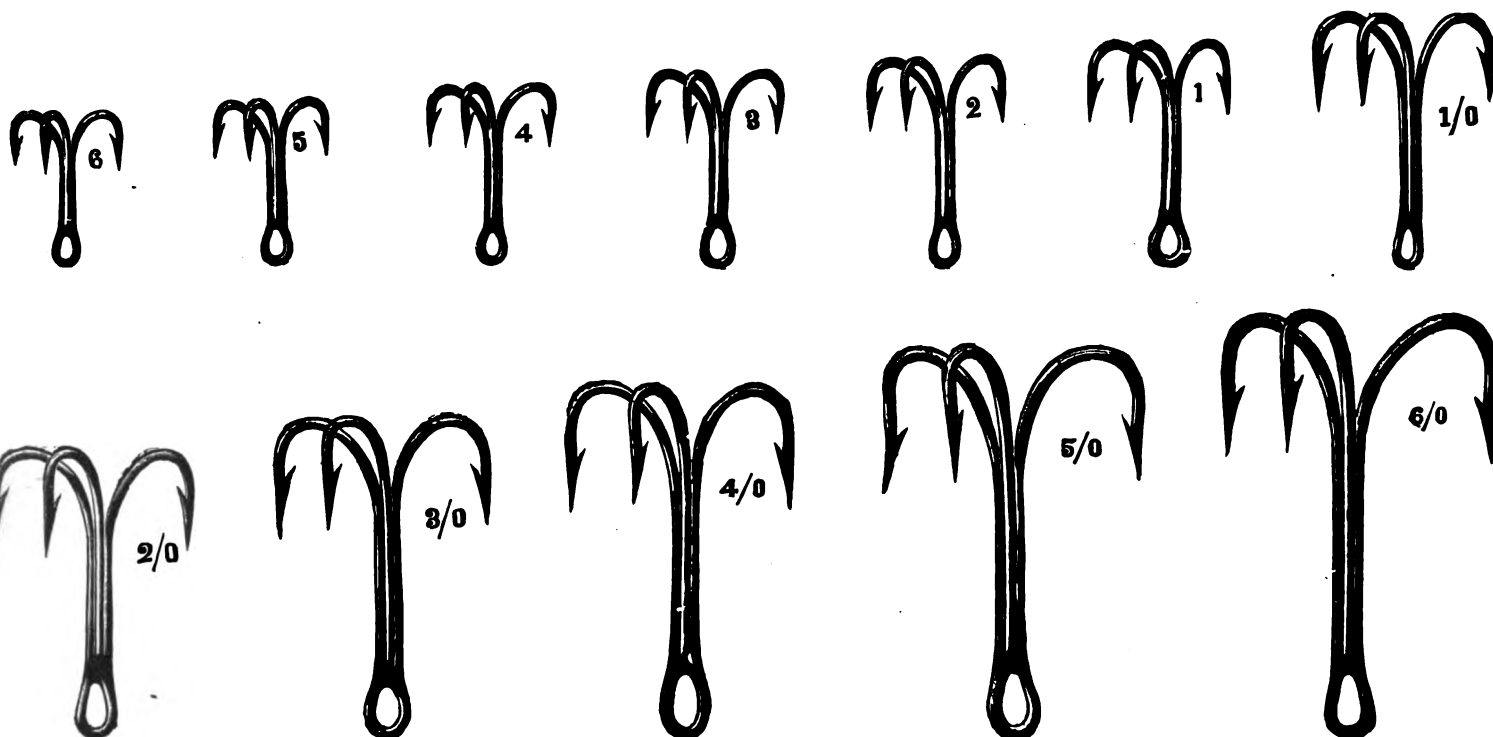
One on a Card; One Dozen in a Box.



TREBLE FISH HOOKS

Cuts Full Size.

NOT FEATHERED



Brazen, Extra Quality, Genuine Norwegian Make, Spear Point, Ringed, Rust Proof Finish.

Nos.	10 to 1	1-0	2-0	3-0	4-0	5-0	6-0	7-0	8-0
Per Gross	\$2.50	3.00	3.50	3.70	4.50	5.00	5.50	7.00	8.00

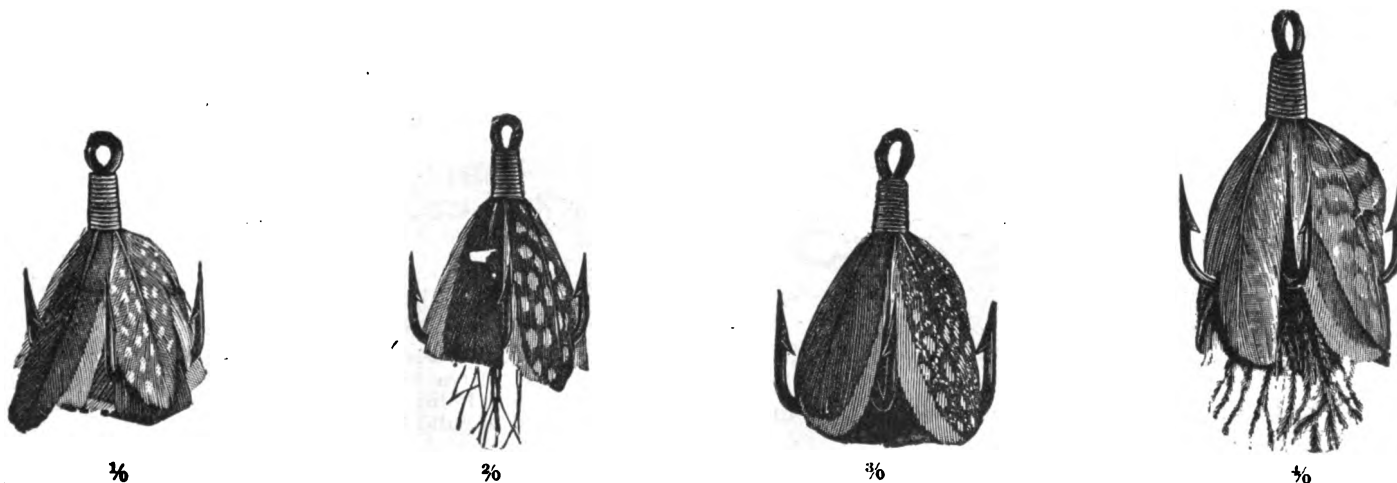
Norwegian Imported Highest Quality Hollow Point Hooks, Full Nickel Plated, Extra Strong, for Wood Minnows.

Nos.	2	1	1-0	3-0	6-0
Per Gross	\$6.00	6.50	7.00	7.50	8.50

The above Hooks are the same high quality as those used on Heddon's Dowagiac Minnows and other high grade wood minnows. The No. 2 is suitable for the small size, the No. 1 for the medium and the No. 1-0 for the large size minnows.

One-quarter Gross in a Box.

FEATHERED



Brazen, Extra Quality, Spear Point, Ringed, Bright Polished.

Nos.	6 to 1	1-0 & 2-0	3-0 & 4-0	5-0	6-0	7-0	8-0
For Neptune Fluted Baits, Nos.	1 to 4 1/2	4 3/4	5	6	7	8	9
Per Dozen	\$0.60	.70 .80	1.00	1.05	1.10	1.20	1.50

One-quarter Gross in a Box.

Note—Sizes are the same as the Plain Treble Hooks.



BUCKTAIL TREBLE FISH HOOKS



Best quality Bucktail tied on extra strong Hollow Point Bronzed Hooks. Furnished in Solid Red, Pure White or Natural Color.

Natural Color.					
Nos.	110	120	130	140	150
Sizes	1-0	2-0	3-0	4-0	5-0
Per Dozen	\$2.00	2.00	2.20	2.50	2.70

Pure White Color.					
Nos.	W2/0				W4/0
Sizes	2-0				4-0
Per Dozen	\$2.50				3.00

Solid Red Color.					
Nos.	R2/0				R4/0
Sizes	2-0				4-0
Per Dozen	\$2.50				3.00

Note—Sizes are same as the Plain Treble Hooks.

BUCKTAIL GANGS

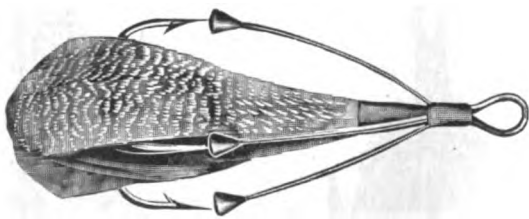


Best quality Bucktail tied on extra strong Hollow Point Hooks. The Hooks are connected with Rustproof Flexible Cable Wire, which allows bait to swing with every eddy or current and gives it the true "live" effect. This bait was developed to meet the demand of the angler trolling for large game fish. Furnished in Natural Color Bucktail with Red Feather Center or in Solid Pure White Color.

		Per Dozen
No. 456—With One 4-0 Single Hook and One 3-0 Treble Hook, Natural Color Bucktail.....		\$3.50
No. 457—Same as 456, but Solid White Color.....		4.00
No. 458—With One 5-0 Single Hook and Two Treble Hooks, Size 3-0 and 4-0, Natural Color Bucktail...		5.00
No. 459—Same as 458, but Solid White Color.....		5.50

TREBLE WEEDLESS FISH HOOKS

FEATHERED



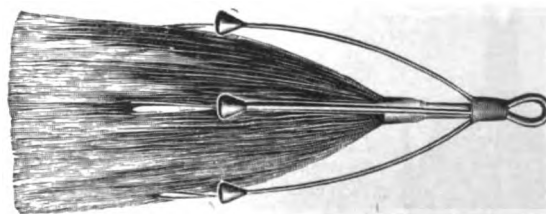
No. 1-0.

Ringed, Best English Steel, Hollow Point, Polished, Beautifully

Feathered.

Nos.	211	210	220	230	240	250	260	280
Sizes	1	1-0	2-0	3-0	4-0	5-0	6-0	8-0
Per Dozen...	\$3.00	3.50	4.00	4.00	4.00	4.50	4.50	6.00

BUCKTAIL



Bronze Finish Extra Strong Navarre Weedless Hooks, Long Shank, Hollow Point with Best Quality Genuine Bucktail, Furnished in Solid Red, Pure White or Natural Color.

Natural Color.

Nos.	311	310	330	340
Sizes	1	1-0	3-0	4-0
Per Dozen	\$3.50	4.00	4.25	4.50

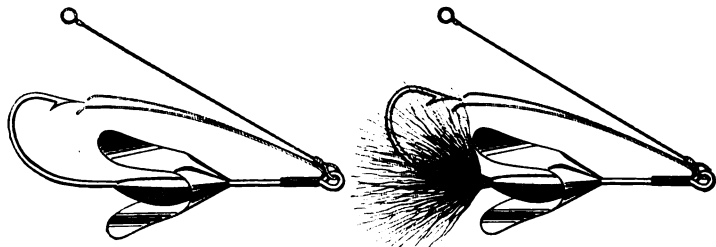
		Per Dozen
No. W3/0—Size 3-0, Pure White Color Bucktail.....		\$4.00
No. R3/0—Size 3-0, Solid Red Color Bucktail.....		4.00

All the Above Mounted One on a Card; One Dozen in a Box.



WEEDLESS SPINNER HOOKS

SOUTH BEND



No. 555W.

Nos. 565W and 565R.

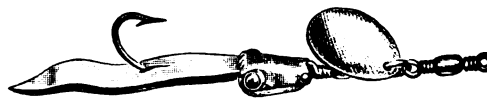
This Weedless Spinner Hook offers a combination for use with pork-rind or frog which the exacting angler has long sought. The Hook and Spinner is positively weedless so that it can be used successfully in the thickest weeds or rushes without any danger of hook getting caught. Weed Guards are of light piano wire and will not hinder landing strikes. The Spinner is nickel plated, highly polished and of proper gauge brass metal to retain its shape, durability and perfect spinning. Hook is Carlisle hollow point, 5-0 size.

Per Dozen

No. 555W—Weighted \$6.00
 No. 565R—Weighted with Red Color Bucktail..... 7.50
 No. 565W—Weighted with White Color Bucktail..... 7.50



PORK RIND MINNOWS



"Little Egypt Wiggler," for General Casting or Trolling.

Can be cast as easily as a Wooden Minnow or Plug. They are more Weedless than the so-called "Weedless Baits as the hook rides upright passing over weeds and other obstructions. They have that irresistible wiggle that makes fish strike on general principles.

Per Dozen

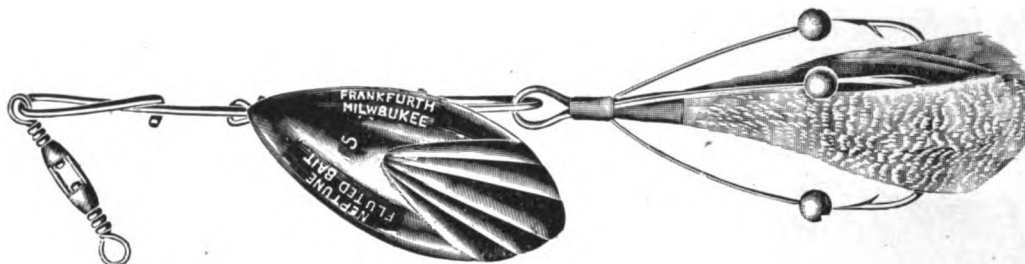
No. 75—Size 3/0, O'Shaughnessy Hook, Nickel Plated
 Brass Spinner, Gun Metal Barrel Swivel..... \$12.00

One on a Card; One Dozen in a Box.

Note—For Special Pork Rind Bait, See Page 1469.

FLUTED TROLLING SPOONS

NEPTUNE WEEDLESS



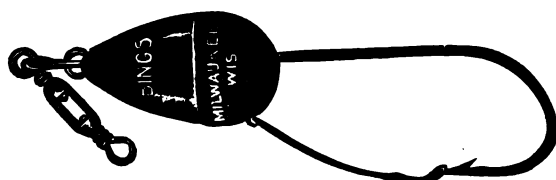
Extra Fine Finish.

Best Quality Hollow Point Treble Hook, Filed Sharp, Thick Feathering, Nickel Plated Brass Spoon, Spring Brass Snap, Best Quality Brass Barrel Swivel.

Nos.	4	4 1/2	4 3/4	5	6	7
Size of Hook, Nos.	1	1	1-0	3-0	4-0	6-0
Size of Spoon, Inches.....	1 1/2 x 7/8	1 1/8 x 7/8	1 1/8 x 7/8	2 1/8 x 1 1/8	2 1/4 x 1 1/8	2 7/8 x 1 1/8
Per Dozen	\$6.00	6.00	6.00	7.00	7.00	7.50

One in a Box; One Dozen Boxes in a Carton.

RING'S

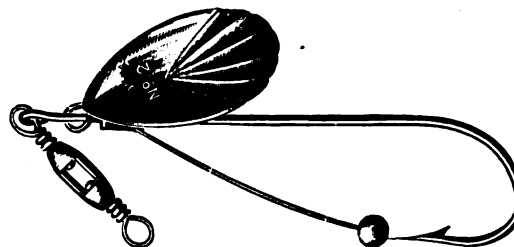


Gold Tipped Spoon, Brass Box Swivel.

No. 2
 Per Dozen \$3.40

Sewed One on a Card.

NEPTUNE



Carlisle Hook, Fluted Nickel Plated Spoon, Brass Box Swivel.

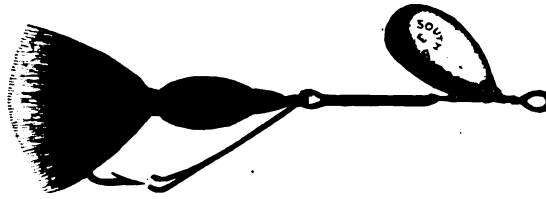
No. 773
 Size of Hooks, No. 4-0
 Spoon No. 3
 Per Dozen \$3.20

Sewed One on a Card.



CASTING AND TROLLING SPOONS

BUCKTAIL SPECIAL SPOON BASS FLIES



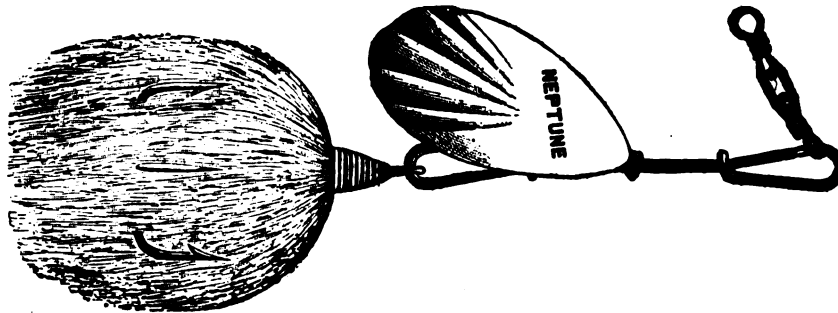
Weedless.

For right-down sportsmanlike casting they cannot be excelled. Their design meets all the requirements of the critical and expert anglers for making those accurate casts up into the pockets and among the weeds where the cautious bass generally lay. Furnished with a polished nickel spoon and extra strong, hollow point, bronzed, ringed Sproat Hook, Weighted and Weedless.

This lure is generally used with a small pork-rind chunk or strip and is very suitable for small-mouth bass.

No. 1563—Pure White Color Bucktail, 3-0 Weighted Hook with Weed Guard.....**\$7.00** Per Dozen

NEPTUNE BUCKTAIL

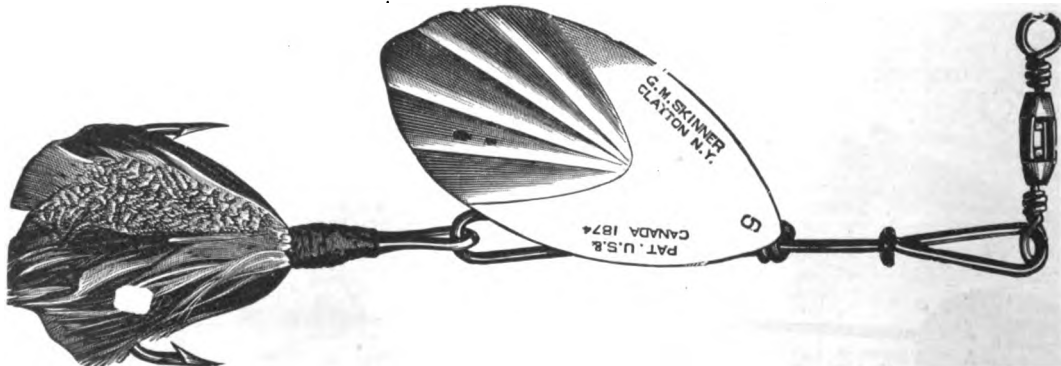


Genuine Bucktail Hair, Nickel Plated Hollow Point Treble Hook, Nickel Plated Spoon.

Nos.	1	2	3
Size of Hook.....	2	1	1-0
Per Dozen	\$2.50	2.50	2.50

A Splendid Bait for Bass and All Game Fish.

SKINNER'S



No. 5.

Oval Pattern.

Best Quality Treble Hook, Goose, Mallard and Ibis Feathering, Nickel Plated Spoon, Brass Box Swivel.

Nos.	1	2	3	4	4½	4¾	5	6	7	8	9
Length of Spoon, Inches.....	1	1½	1¾	1½	1¾	2	2½	2¾	2¾	2½	3
Per Dozen	\$3.00	3.00	3.00	3.00	3.00	3.00	4.00	4.00	5.00	5.00	6.00

Same Size as Our Neptune Fluted Spoons on Page 1449.

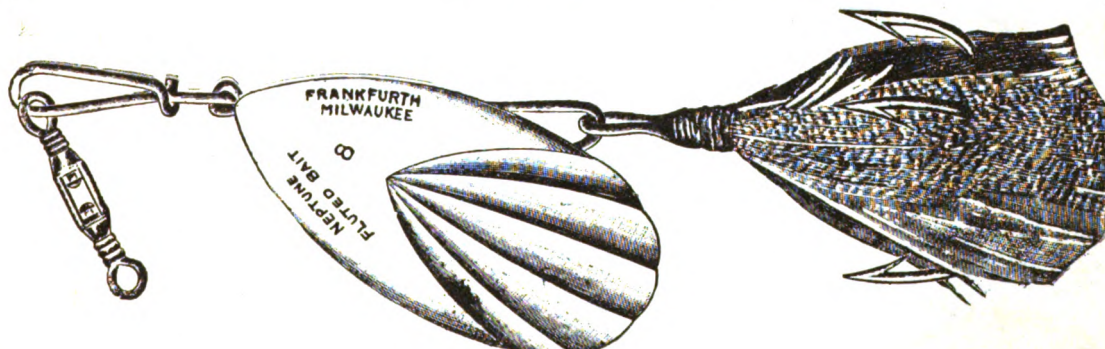
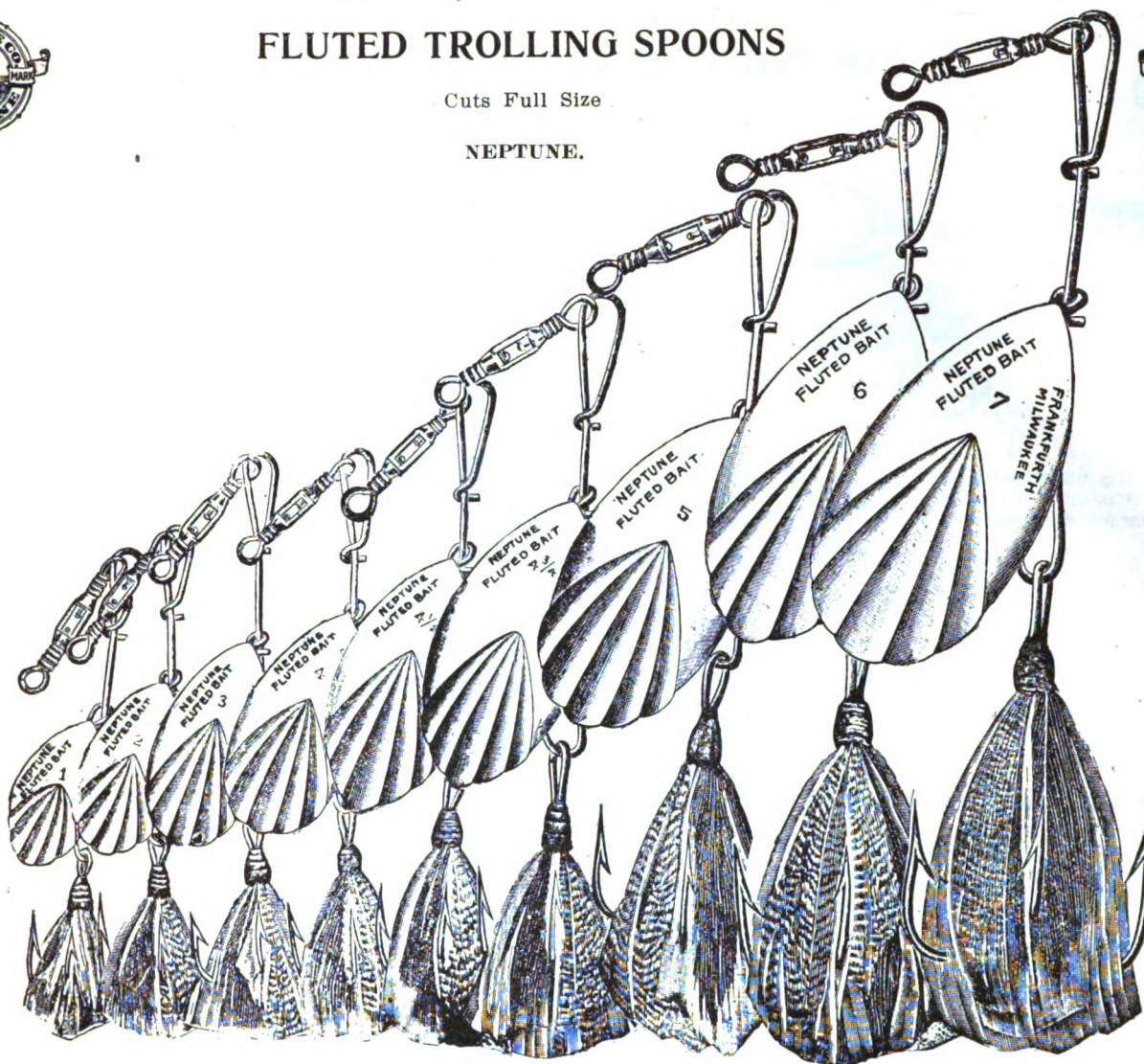
One Dozen in a Box.



FLUTED TROLLING SPOONS

Cuts Full Size

NEPTUNE.



Neptune Brand.

Best Quality Hollow Point Nickel Plated Treble Hooks, Feathered with Ibis, Duck and Guinea Feathers, Nickel Plated Brass Spoon, Spring Brass Snap, Best Quality Brass Barrel Swivels.

Nos.	1	2	3	4	4½	4¾	5	6	7	8
Size of Spoon, Inches	1x⅞	1½x⅝	1⅞x¾	1½x⅝	1⅞x¾	1⅞x¾	2¼x1⅞	2¼x1⅞	2⅞x1⅞	2⅞x1⅞
Size of Hooks, Nos.	6	5	3	2	1	1-0	4-0	5-0	6-0	7-0
Per Dozen	\$2.40	2.40	2.40	2.40	2.40	2.40	3.20	3.20	4.00	4.00

"B" GRADE.

Best Spear Point Treble Hook, Feathered with Guinea and Colored Feathers, Nickel Plated Brass Spoon, Brass Snap, Brass Box Swivels.

Nos.	1	2	3	4	4½	4¾	5	6	7	8
Size of Spoon, Inches	1x⅞	1½x⅝	1⅞x¾	1½x⅝	1⅞x¾	1⅞x¾	2¼x1⅞	2¼x1⅞	2⅞x1⅞	2⅞x1⅞
Size of Hooks, Nos.	6	5	3	2	1	1-0	4-0	5-0	6-0	7-0
Per Dozen	\$1.20	1.20	1.20	1.20	1.20	1.20	1.30	1.30	1.50	1.50

One Dozen in a Box.

Our Neptune Fluted Spoons are equipped with nickel plated Hollow Point Hooks, and we guarantee them to be equal to the best Fluted Spoon on the market.



CASTING AND TROLLING SPOONS



PAYSON'S REVERSIBLE WEEDLESS

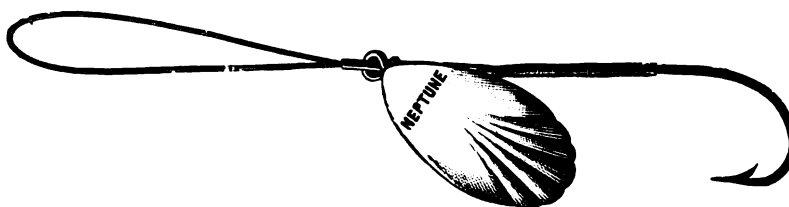


Carlisle Hook, Nickel Plated, Reversible Automatic Weed Guard.

Nos.	4R	6R
Size of Hooks.....	4-0	6-0
Per Dozen	\$6.00	6.00

It is the only universal Fish Hook adapted to all forms of fishing, all varieties of fish, and all conditions of weeds, snags or clear water. It is an absolute Weed Guard when hook is point down and about three-quarter Weed Guard when hook is point up. The hook is passed downward through the mouth of the bait when used point down, and upwards when used point up.

NEPTUNE FLUTED



High Grade Imported Hook, Fluted Nickel Plated Spoon, Revolves Upon a Collared Brass Tube, Tied to Extra Quality Gut Leader.

Nos.	12	13
Per Dozen	\$1.20	1.20

Sew One on a Card.

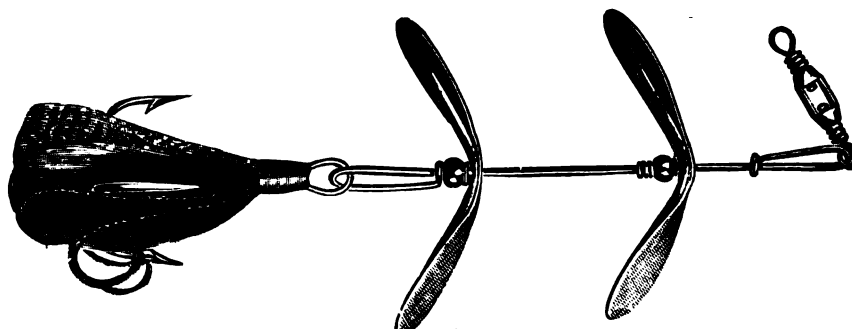
NEPTUNE SPECIAL.



With Auxiliary Trail Hook.

No. 21—Fine Grade File Point Hook, Fluted Nickel Plated Spoon, Tied to Extra Quality Gut.....	Per Dozen
Sew One on a Card.....	\$2.00

REVERSE BLADE DOUBLE SPINNERS



No. 82.

Nickel Plated Brass Blades.

Nickel Plated Brass Blades.		
Best Quality Hollow Point Treble Hook, Assorted Ibis, Duck, Peacock and Guinea Feathers, Spring Brass Snap, Brass Box Swivel.		
Nos.	81	82
No. of Hook.....	1-0	2-0
Per Dozen	\$4.00	4.50

Pearl Blades.

No. 810—Pearl Blades, Otherwise Same as No. 81.....	Per Dozen
One Dozen in a Box.....	\$8.00

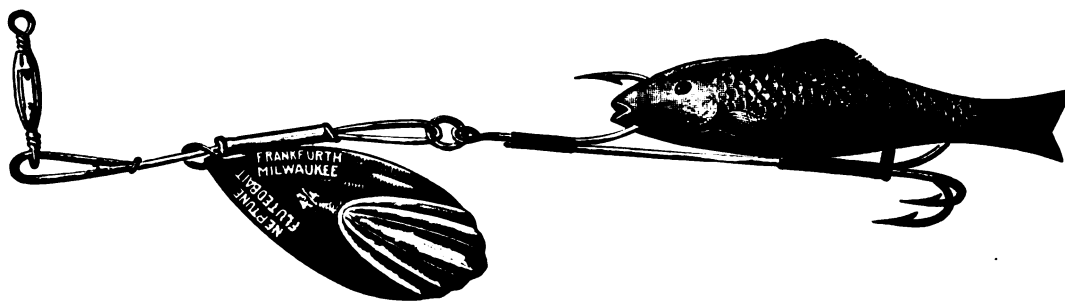


TROLLING AND CASTING BAITS



Cuts Full Size

LORENZ SURE CATCH



No. 4 3/4—Cut Showing How to Attach Minnow.

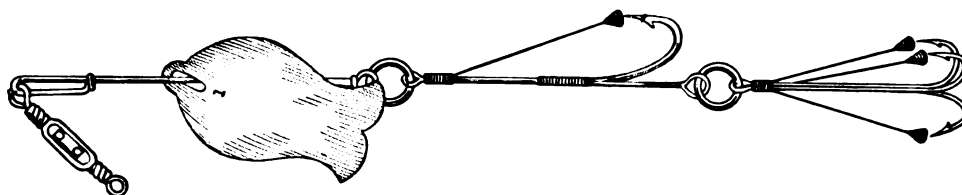
Spring Steel Nickel Plated Hollow Point Hooks, Fluted Nickel Plated Spoon, Brass Box Swivel.

	Per Dozen
No. 4 3/4—For Bass, Pickerel, etc., Sewed One on a Card.....	\$7.00
No. 7 —For Muscallonge, Sewed One on a Card.....	8.00

To obtain the best results attach to the single hook a piece of salt pork, wedge shape, about 2 1/2 inches long, having it tapering out slim, so that it will wiggle, imitating a live minnow. When using a frog or minnow, place a rubber band around bait. There are days when fish bite short, causing the minnow to be torn in the tail, but escaping the hook.

Use the Lorenz Sure Catch and you are bound to catch the short biter.

WEEDLESS LORENZ SURE CATCH

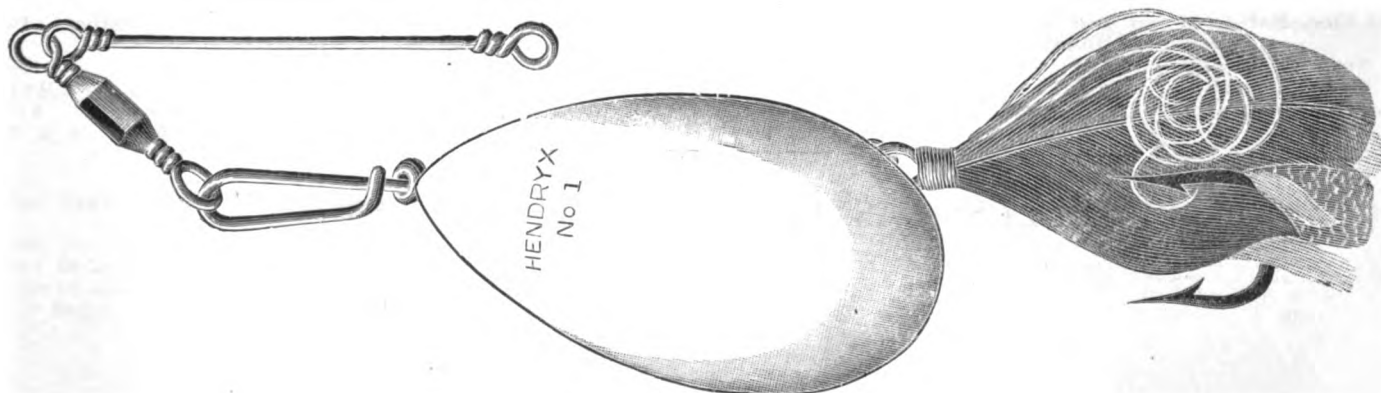


With Weedless Treble Trail Hook.

	Per Dozen
No. 3—Hollow Point Treble and Single Hook, Split Steel Rings, No. 3 Delavan Nickel Plated Spoon, Spring Brass Snap, Brass Box Swivel for Bass, Pickerel, etc.....	\$8.00

Use the above Baits and you are bound to catch all fish that strike at the bait, even the short biter. These Sure Catch Baits can be used either with Frog, Minnow or a piece of Pork Rind.

NEPTUNE MUSCALLONGE BAIT



Nickel Plated Brass Spoon.

Best Spear Point Treble Hook, Feathered with Guinea and Colored Feathers, Brass Box Swivel, Brass Wire Leader.

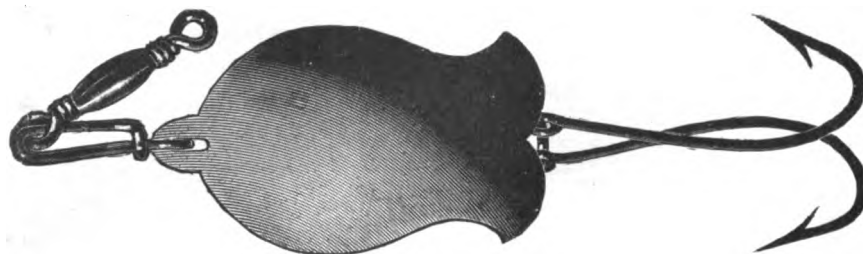
Nos.	1	1-0	2-0
Size of Spoon, Inches.....	2 3/4 x 1 1/2	3 1/4 x 1 1/4	3 3/4 x 1 3/8
Per Dozen	\$4.00	4.00	4.00

One-half Dozen in a Box.

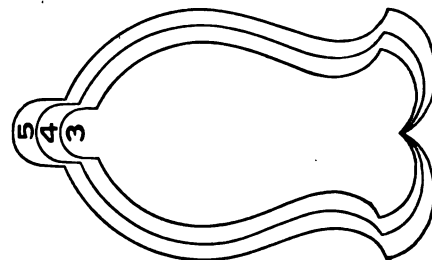


TROLLING SPOONS

Cuts Full Size
DELAVAN



No. 4/0.



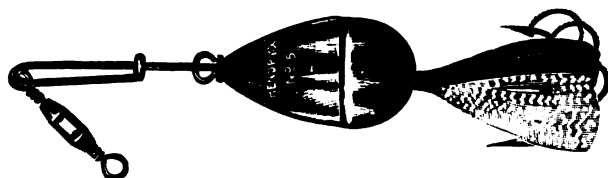
Scale of Sizes.

FOR PIKE, BASS OR PICKEREL
No. 125—Neptune Grade, Nickel Plated Blades, Brass Barrel Swivel, Two Long Shank BRONZED ABERDEEN HOLLOW POINT Hooks, Split Steel Ring.

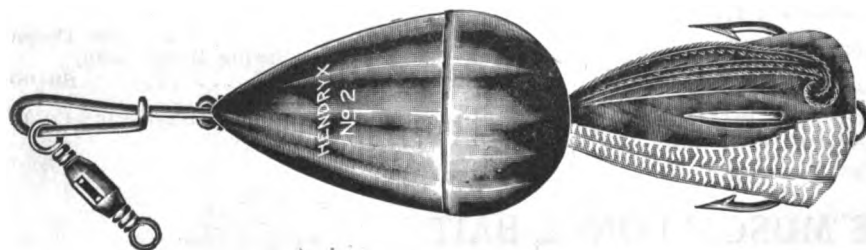
Size Nos.	3/0	4/0	5/0
Size of Spoon, Inches.	1 3/4 x 4	2 x 1 1/4	2 1/4 x 1 1/4
Per Dozen	\$2.50	2.50	2.50

No. 100—B Grade, Nickel Plated Blades, Brass Barrel Swivel, Two Fine JAPANNED LIMERICK SPEAR POINT Hooks.			
Size Nos.	1	2	3
Size of Spoon, Inches.	1 3/4 x 4	2 x 1 1/4	2 1/4 x 1 1/4
Per Dozen	\$2.00	2.00	2.00

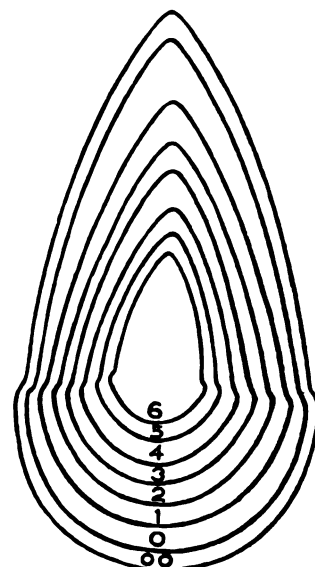
STAR PATTERN.



No. 5.



No. 2.



Scale of Sizes.

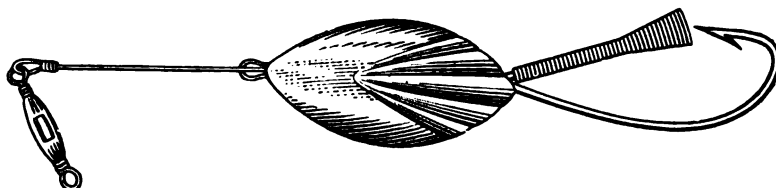
Extra Fine, Half Gold and Half Nickel Plated Brass Spoon, Full Feathered with Duck, Peacock and Guinea Feathers, Best Quality Hollow Pointed Treble Hook, Spring Brass Snap and Best Quality Brass Swivel.

Size Nos.	6	5	4	3	2	1	0
Size Spoon, Inches	1 1/8 x 1/2	1 1/8 x 5/8	1 3/8 x 3/4	1 5/8 x 1 1/8	1 5/8 x 1 1/4	2 1/8 x 1 1/4	2 1/8 x 1 1/2
No. of Hooks	6	4	1	1/0	2/0	4/0	6/0
Per Dozen	\$2.00	2.00	2.00	2.20	2.20	2.50	2.50

One Dozen in a Box.

WEEDLESS CASTING AND TROLLING SPOONS

NEW BAKER



Best Spring Steel Hook, Fluted Nickel Plated Spoon, Brass Box Swivel.

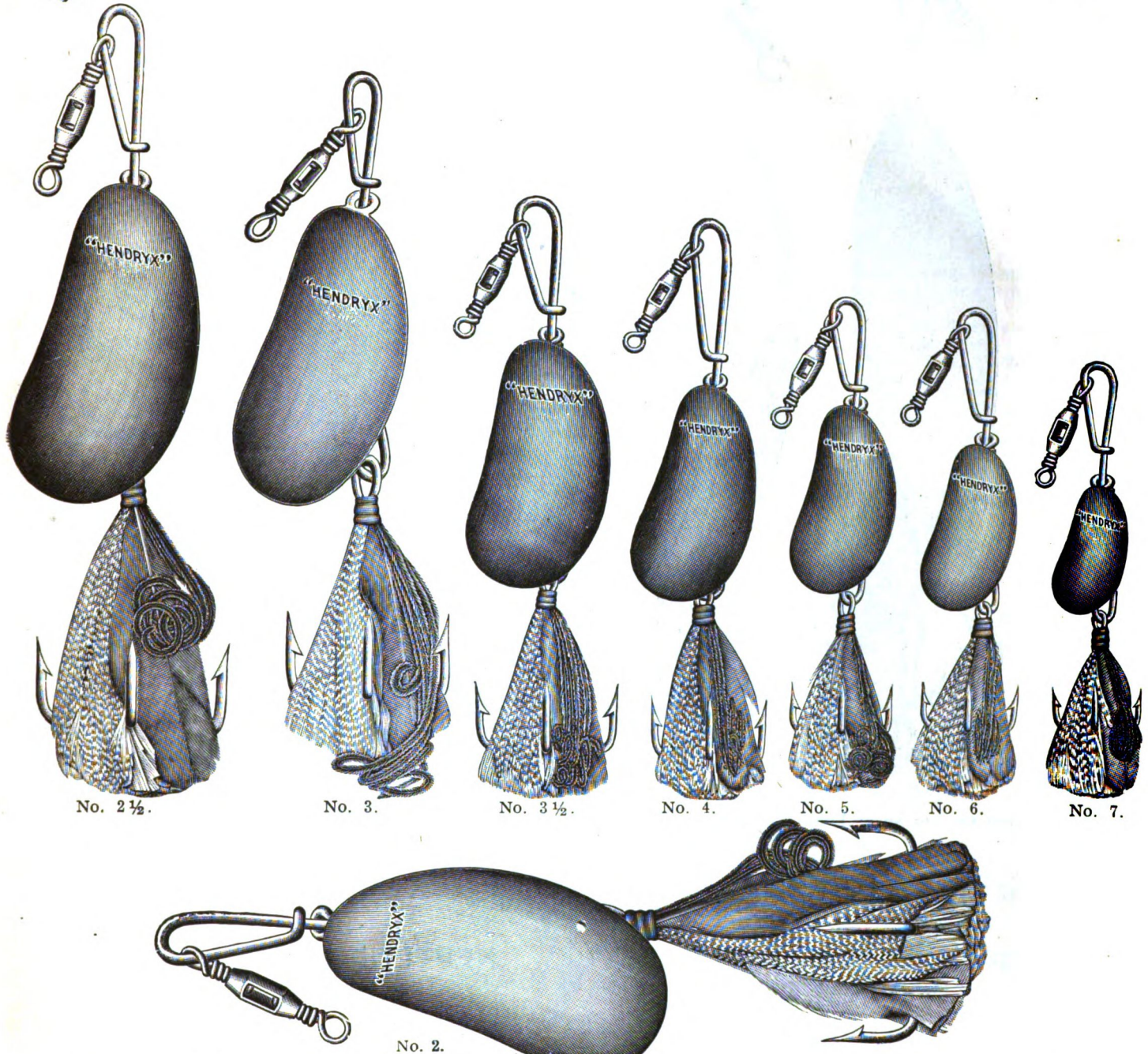
Nos.	35
Size of Hook, Nos.	5-0
Size of Spoon, Inches	1 3/4
Per Dozen	\$4.00

Sewed One on a Card.



KIDNEY TROLLING BAITS

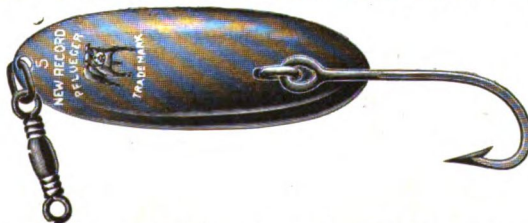
Cuts Full Size



Best Spear Pointed Treble Hooks, Feathered with Guinea and Colored Feathers, Nickel Plated Brass Spoons, Brass Snaps and Brass Barrel Swivels.

Nos.	7	6	5	4	3 1/2	3	2 1/2	2	1	1-0
Size of Spoon, Inches..	7/8 x 1 1/8	1 1/8 x 1 1/8	1 1/4 x 5/8	1 1/8 x 3/4	1 5/8 x 7/8	2 x 1 1/8	2 1/8 x 1 1/8	2 1/8 x 1 1/8	2 1/8 x 1 1/4	2 7/8 x 1 3/8
Size of Hooks, Nos....	6	4	3	1	1-0	4-0	5-0	6-0	7-0	7-0
Per Dozen	\$1.40	1.40	1.40	1.40	1.40	1.50	1.50	1.50	1.60	1.60

RECORD TROLLING OR CASTING SPOON

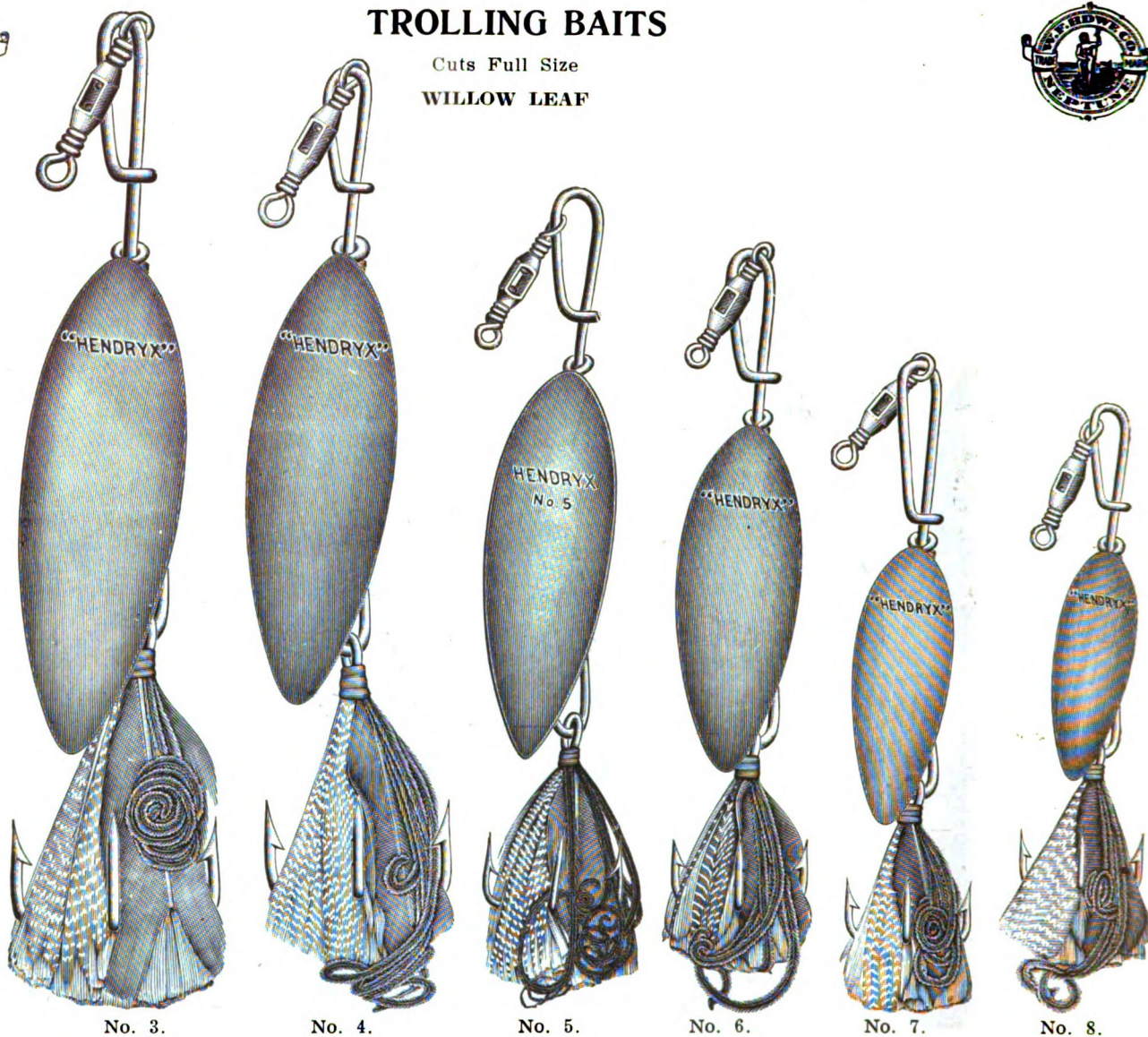


No. 1503—4 Inch, Highest Quality Polished Copper, Convex Blade and Brass Barrel Swivel..... Per Dozen \$1.60
 All game fish in either salt or fresh water are especially attracted by a wobbling bait. Our "Record" Spoon is very effective when such is wanted. All Above, Packed One Dozen in a Box.



TROLLING BAITS

Cuts Full Size
WILLOW LEAF



No. 3.

No. 4.

No. 5.

No. 6.

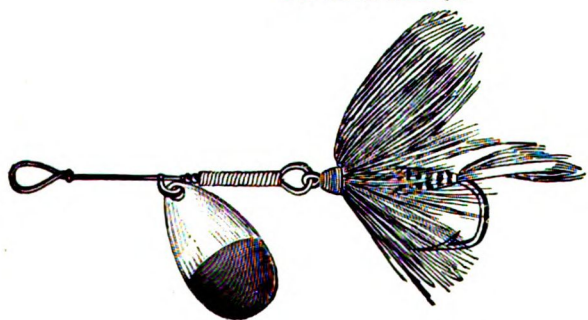
No. 7.

No. 8.

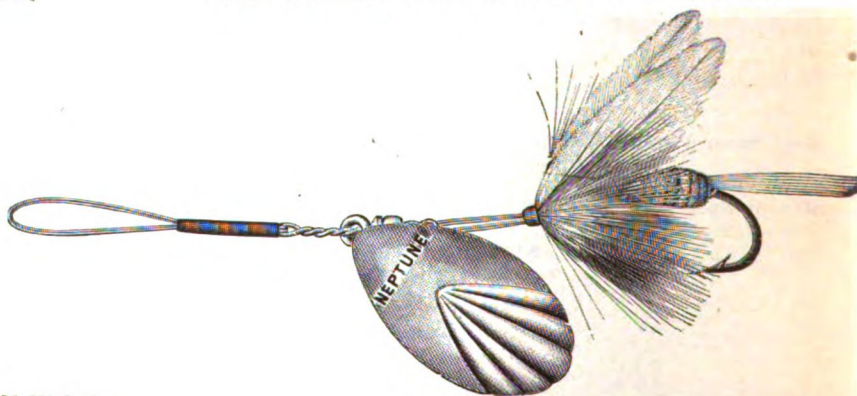
Extra Fine, Best Quality Spear Point Treble Hooks, Feathered with Guinea and Colored Feathers, Nickel Plated Brass Spoons, Spring Brass Snaps, Best Quality Brass Box Swivels.

Nos.	8	7	6	5	4	3	2
Size of Spoon, Inches	1 $\frac{3}{8}$ x $\frac{1}{8}$	1 $\frac{5}{8}$ x $\frac{1}{8}$	2 x $\frac{3}{4}$	2 $\frac{1}{8}$ x $\frac{1}{8}$	2 $\frac{5}{8}$ x $\frac{7}{8}$	2 $\frac{1}{8}$ x 1	3 $\frac{1}{8}$ x 1 $\frac{1}{8}$
Size of Hooks, Nos.	4	2	1	1-0	2-0	4-0	6-0
Per Dozen	\$1.50	1.50	1.50	1.50	1.60	1.60	2.00

One Dozen in a Box.

NEPTUNE LITTLE WONDER
SPINNERS

NEPTUNE BASS FLY SPOONS



Assorted Flies.

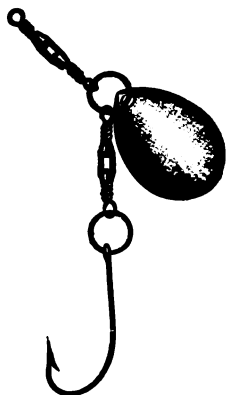
For Bass, Croppies or Trout, Fancy Half Gold and Half Nickel Plated Brass Spoon.

No. 90—Size of Spoon 1 x $\frac{1}{2}$ Inches, with Assorted Colored Flies Mounted on No. 2 Hollow Point Hook... \$4.00
One on a Card; One Dozen in a Box.

No. 14—Hollow Point Hook, Fluted Nickel Plated Spoon, Gut Leader \$2.50
One on a Card; One Dozen in a Box.



NEPTUNE TROUT SPINNERS

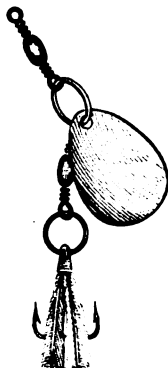


No. 6 Single Sproat Hook, Split Steel
Rings, Brass Barrel Swivels.

Per Dozen

No. 17— $\frac{3}{4}$ Inch Brass Blade.....\$2.00

No. 20— $\frac{3}{4}$ Inch Pearl Blade.... 2.50
One Dozen in a Box.



Red Feathered Hollow Point Treble
Hook, Split Steel Rings, Brass
Barrel Swivels.

Per Dozen

No. 15—Ibis, Copper Blade.....\$2.50

No. 19—Pearl Ibis, Pearl Blade... 3.50
One Dozen in a Box.



Hollow Point Treble Hook, Split Steel
Rings, Brass Barrel Swivels.

Per Dozen

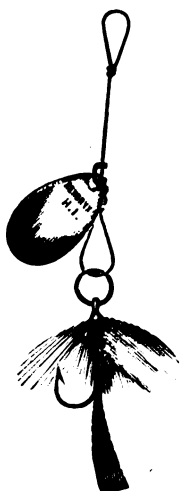
Montant Spinner— $\frac{3}{4}$ Inch Copper
Blade\$2.00

Colorado Spinner— $\frac{3}{4}$ Inch Brass
Blade 2.00

Oregon Spinner— $\frac{3}{4}$ Inch Nickel
Plated Blade 2.00
One Dozen in a Box.

NEPTUNE TROUT SPINNERS

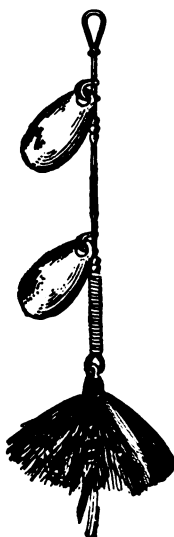
HORNING SPOONS



Single Trout Spinner.

Per Dozen

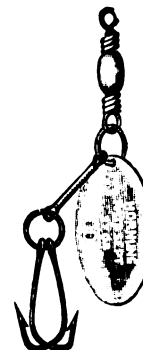
No. 11—Neptune Single Blade,
Assorted Colored Flies Tied
on No. 5 Hook.....\$2.00



Tandem Trout Spinner.

Per Dozen

No. 111—Light Tandem Blades,
Assorted Fancy Feather Flies
Tied on No. 8 Hollow Point
Sneek Hooks\$3.00
One on a Card; One Dozen in a Box.



Makes the Most Attractive Bait Known,
Acts Like a Wounded Fish.

Per Dozen

No. 00— $\frac{3}{4}$ Inch Copper Spoon
with H. P. Limerick Hooks...\$3.60

No. 2— $1\frac{1}{4}$ Inch N. P. Spoon with
H. P. Limerick Hooks..... 3.60

No. 3— $1\frac{1}{2}$ Inch Copper Spoon
with H. P. Pacific Bass
Hooks 4.00

No. 4— $1\frac{1}{2}$ Inch N. P. Spoon with
H. P. Pacific Bass Hooks... 4.00
One Dozen in a Box.

Notice—All Trout Spinners illustrated on this page we carry in the following Assorted Colored Flies: Blue Bottle, Blue Jay, Col. Fuller, Ibis, Split Ibis, McGinty, Montreal, Parmachene Belle, Professor, Royal Coachman, Scarlet White, Teddie and White Miller.

For Extra Flies to be used in connection with above Spoons, see page 1460.

HILDEBRANDT TROUT SPINNERS

Single Blade, Tied to No. 8 Hollow Point Sneek Hook.

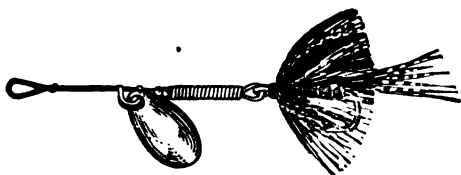
Per Dozen

No. 0B—Bucktail Trout Spinner, $\frac{1}{2}$ Inch Blade.....\$4.00

No. 0F—Fancy Fly Trout Spinner, Assorted Colors, $\frac{1}{2}$ Inch Blade..... 4.00

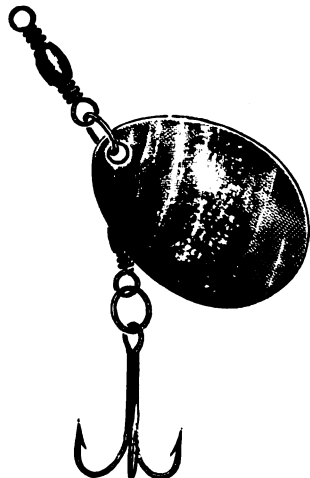
No. 1F—Trout or Bass Spinner, Assorted Colors, $\frac{3}{8}$ Inch Blade..... 4.00

No. 2F—Trout or Bass Spinner, Assorted Colors, $\frac{7}{8}$ Inch Blade..... 4.00





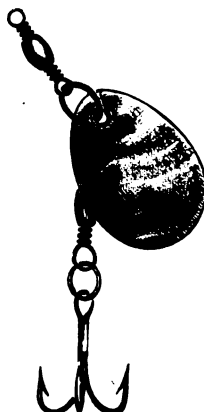
RAINBOW PEARL SPINNERS



No. 3P.



No. 2P.



No. 1P.



No. 1-0P.



No. 2-0P.

"A" Quality Fine White Pearl Blades, with Metal Eyelets, Spun in. Best Quality Ringed Hollow Point Treble Hooks, Coppered Steel Split Rings, Two Brass Barrel Swivels.

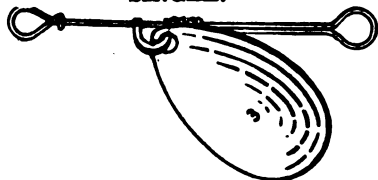
Nos.	2-0P	1-0P	1P	2P	3P
Size of Spoon, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{4}$	1 $\frac{3}{4}$
Size of Hooks, Nos.	12	8	6	4	2
Per Dozen	\$2.50	3.00	3.50	3.75	4.00

One Dozen in a Box.

NEPTUNE SPINNERS ONLY

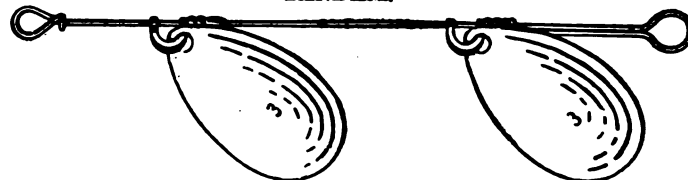
WITHOUT FLIES OR HOOKS.

SINGLE.



Size No. 3.

TANDEM.



Size No. 30.

Neptune Spinners are Carefully Designed and Constructed Throughout. They are Built Substantially to Withstand Severe and Continuous Service. Mounted with Clevis and Beads on Piano Wire Shank, with Snap.

Nickel Plated.

	Per Dozen
No. 00—Length of Spoon $\frac{1}{2}$ Inch	\$1.50
No. 1—Length of Spoon $\frac{5}{8}$ Inch	1.50
No. 2—Length of Spoon $\frac{7}{8}$ Inch	1.70
No. 3—Length of Spoon 1 $\frac{1}{8}$ Inches	1.70
No. 4—Length of Spoon 1 $\frac{3}{8}$ Inches	2.00
No. 5—Length of Spoon 1 $\frac{5}{8}$ Inches	2.50

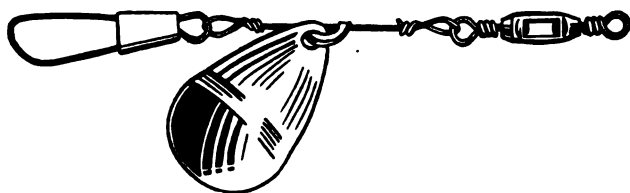
Nickel Plated.

	Per Dozen
No. 10—Length of Spoons $\frac{3}{4}$ Inch	\$2.00
No. 20—Length of Spoons $\frac{7}{8}$ Inch	2.00
No. 30—Length of Spoons 1 $\frac{1}{8}$ Inches	2.50
No. 40—Length of Spoons 1 $\frac{3}{8}$ Inches	3.00
No. 50—Length of Spoons 1 $\frac{5}{8}$ Inches	3.50
No. 880—Same as No. 30, but Pearl Spoon	7.00

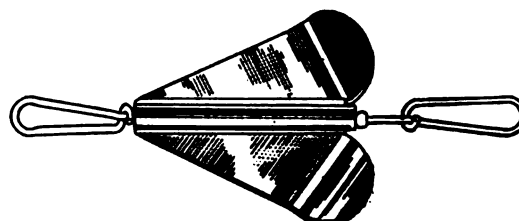
One on a Card; One Dozen in a Box.

ATTACHABLE SPOONS

BING'S



WEEDLESS SPINNERS ONLY



Oval Shape Spoon, Half Gold and Half Nickel Plated, Brass Box Swivel and Snap, without Hook.

Nos.	1B	2B
Size Spoon, Inches	1 $\frac{1}{8}$ x $\frac{3}{4}$	1 $\frac{1}{4}$ x $\frac{3}{4}$
Per Dozen	\$2.80	2.80

One-half Dozen in a Box.

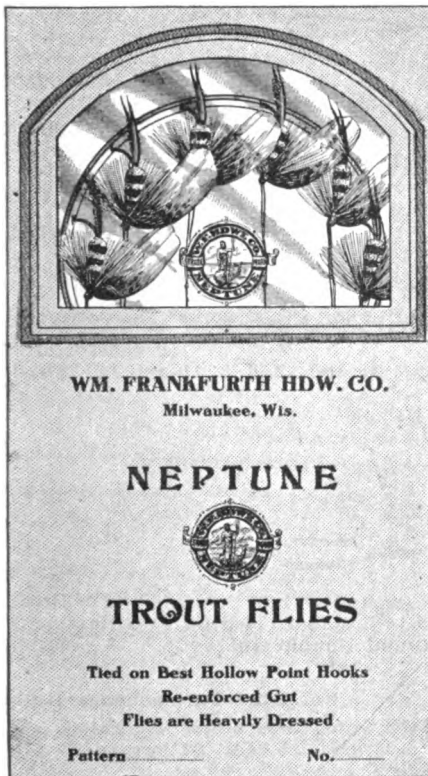
These Spinners are suitable for attaching to any hook. Made of Brass, Nickel Plated, Polished and Mounted on Brass Wire Shank.

Nos.	301	308
Size of Spoon, Inches	1	1 $\frac{1}{8}$
Per Dozen	\$2.00	2.00



ARTIFICIAL TROUT FLIES

GENUINE FROST MAKE SINGLE HOOK.



Patent Transparent Envelope.

Advantages of Our Patent Transparent Envelope—All our Snelled Trout Flies are put up in Patent Transparent Envelope. Each Grade of Fly having a Different Color Envelope. The Envelope protects the Fly in store and aids you to make the most beautiful display in show window. The customer can select the desired fly and size of hook without handling and soiling the Fly. Furthermore, the Fisherman can carry the Envelope in a book and choose his fly quickly, as they are all visible in the transparent window of the Envelope.



No. A—Jungle Wing, Highest Quality Silk Body, Highest Grade Jungle Cock Shoulder, Tied on Harrison's Hollow Point Sproat Hooks, Nos. 6, 8, 10 and 12, with Extra Quality Selected Round Gut.....**\$2.50**

Carried in the Following Nos. Flies:

No. 180—Cow Dung.

No. 208—Professor.

No. 216—Royal Coachman.

No. 218—Scarlet Ibis.

No. 224—White Miller.

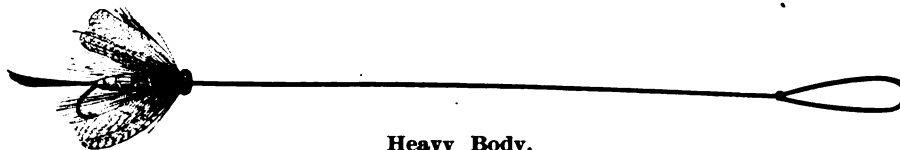
No. 228—Black Gnat.

No. 231—McGinty.

No. 232—Parmachenee Belle.

No. 234—Beaver Kill.

No. AS—Jungle Wing, Assorted, One Dozen Best Sellers, Assorted Hooks in 3 Assortments, 6 and 8, 10 and 12, 6, 8, 10 and 12.....**\$2.50**
One-half Dozen in Patent Transparent Envelope, Cream Color.



No. D—Ruby Grade, Highest Quality Extra Heavy Silk Body, Tied on Harrison's Hollow Point Sproat Hooks, Nos. 6, 8, 10 and 12, with Extra Quality Round Gut.....**\$2.00**

Carried in the Following Nos. Flies:

No. 168—Bee.

No. 178—Coachman.

No. 180—Cow Dung.

No. 208—Professor.

No. 216—Royal Coachman.

No. 218—Scarlet Ibis.

No. 224—White Miller.

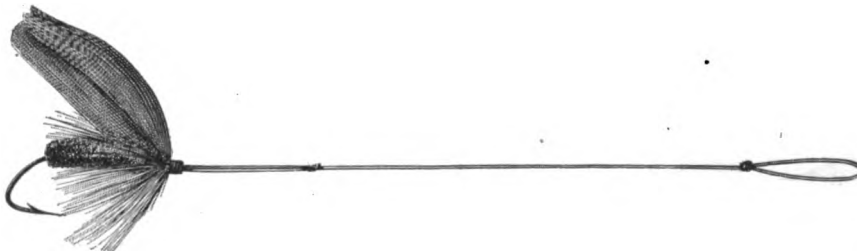
No. 228—Black Gnat.

No. 231—McGinty.

No. 232—Parmachenee Belle.

No. 234—Beaver Kill.

No. DS—Ruby Grade, Assorted, One Dozen Best Sellers, Assorted Hooks in 3 Assortments, 6 and 8, 10 and 12, 6, 8, 10 and 12**\$2.00**
One Dozen in Patent Transparent Envelope.



No. G—Neptune Grade, Heavily Dressed Silk Body, Tied on Hollow Point Sproat Hooks, Rust Proof Finish, Nos. 6, 8, 10, 12, with Reinforced Gut**\$1.00**

Carried in the Following Nos. Flies:

No. 178—Coachman.

No. 180—Cow Dung.

No. 188—Grizzly King.

No. 194—Brown.

No. 208—Montreal.

No. 208—Professor.

No. 210—Queen of the Water.

No. 216—Royal Coachman.

No. 218—Scarlet Ibis.

No. 220—Seth Green.

No. 224—White Miller.

No. 227—Deer Fly.

No. 228—Black Gnat.

No. 229—Blue Bottle.

No. 231—McGinty.

No. 232—Parmachenee Belle.

No. 234—Beaver Kill.

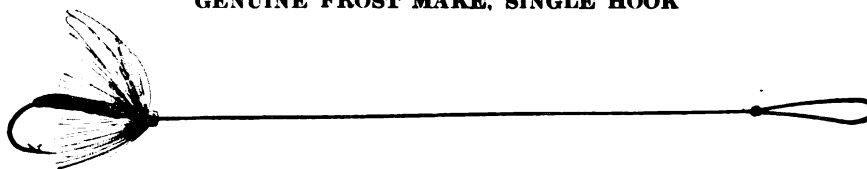
No. GS—Neptune Grade, Assorted, One Dozen Best Sellers, Assorted Hooks, in 3 Assortments, 6 and 8, 10 and 12, 6, 8, 10 and 12**\$1.00**
One Dozen in Patent Transparent Envelope, Pink Color.

Note—We do not break packages, but furnish assortments listed above, Nos. AS, DS and GS, of 12 Best Sellers.



ARTIFICIAL TROUT FLIES

GENUINE FROST MAKE, SINGLE HOOK



No. E—E Grade, Silk Body, Tied on High Grade File Point Sproat Hooks, Rust Proof Finish, Nos. 6, 8, 10 and 12, Standard Grade Single Gut Per Dozen \$0.50

Carried in the Following Nos. Flies:

No. 178—Coachman.
No. 180—Cow Dung.
No. 188—Grizzly King.
No. 194—Brown.
No. 206—Montreal.

No. 208—Professor.
No. 210—Queen of the Water.
No. 216—Royal Coachman.
No. 218—Scarlet Ibis.

No. 220—Seth Green.
No. 224—White Miller.
No. 227—Deer Fly.
No. 228—Black Gnat.

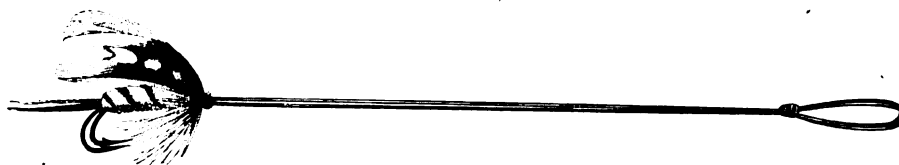
No. 229—Blue Bottle.
No. 231—McGinty.
No. 232—Parmachenee Belle.
No. 234—Beaver Kill.

One Dozen in Patent Transparent Envelope, White Color.

Note—We do not break packages, but furnish assortment listed below of 12 Best Sellers.

No. ES—E Grade, Assorted, One Dozen Best Sellers, Assorted Hooks in 3 Assortments, 6 and 8, 10 and 12, 6, 8, 10 and 12... Per Assortment \$0.50
One Dozen in Patent Transparent Envelope.

GENUINE FROST MAKE, DOUBLE HOOK.



No. AA—Jungle Wing, Double Hook, Highest Quality Silk Body, Highest Grade Jungle Cock Shoulder, Tied on Two Harrison's Hollow Point Sproat Hooks, Nos. 6, 8, 10 and 12, with Extra Quality Selected Round Double Gut..... Per Dozen \$3.00

Carried in the Following Nos. Flies:

No. 180—Cow Dung.
No. 208—Professor.
No. 216—Royal Coachman.

No. 218—Scarlet Ibis.
No. 224—White Miller.

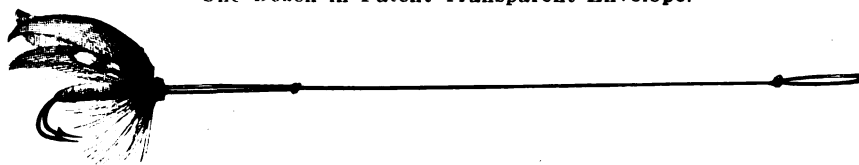
No. 228—Black Gnat.
No. 231—McGinty.

No. 232—Parmachenee Belle.
No. 234—Beaver Kill.

One-half Dozen in Patent Transparent Envelope, Cream Color.

Note—We do not break packages, but furnish assortment listed below of 12 Best Sellers.

No. AAS—Jungle Wing, Double Hook, Assorted, One Dozen Best Sellers, Assorted Hooks..... Per Assortment \$3.00
One Dozen in Patent Transparent Envelope.



No. GG—Neptune Double Hook, Heavily Dressed Silk Body, Tied on Two Hollow Point Sproat Hooks, Rust Proof Finish, Nos. 6, 8, 10 and 12, with Reinforced Gut..... Per Dozen \$1.50

Carried in the Following Nos. Flies:

No. 180—Cow Dung.
No. 208—Professor.

No. 216—Royal Coachman.
No. 218—Scarlet Ibis.

No. 224—White Miller.
No. 228—Black Gnat.

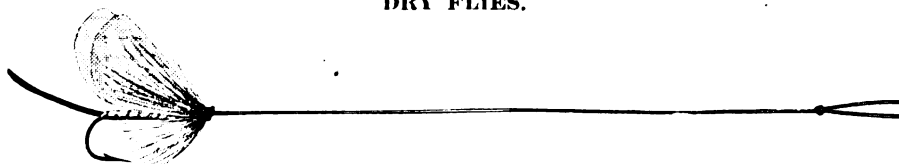
No. 231—McGinty.
No. 232—Parmachenee Belle.
No. 234—Beaver Kill.

One-half Dozen in Patent Transparent Envelope, Pink Color.

Note—We do not break packages. For description of Flies see page 1460.

Note—All Trout Flies tied on No. 14 Hooks shipped direct from factory only and cost 10 Cents Net Per Dozen Extra.

DRY FLIES.



Divided Wing, High Grade Silk Body, Tied on Nos. 12 and 14 Bronzed Pennell Sneek Hooks, Turn Down Eye with High Grade Round Gut.

These Flies are made to closely represent the small insect found on the surface of the water. When lightly cast on not too rapidly running water, they will float naturally and results obtained are much better than with the sinkable fly.

Carried in the Following Nos. Flies:

No. HD180—Cow Dung.
No. HD188—Grizzly King.
No. HD206—Montreal.

No. HD208—Professor.
No. HD216—Royal Coachman.

No. HD224—White Miller.
No. HD231—McGinty.

No. HD232—Parmachenee Belle.
No. HD233—Reubenwood.

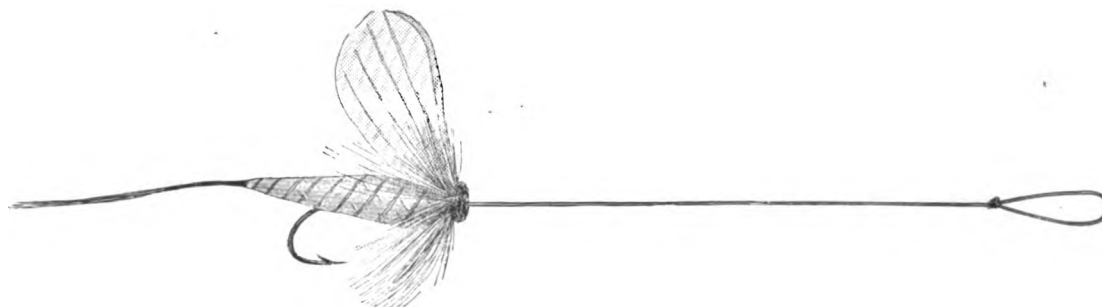
Dry Flies Per Dozen \$2.00
Mounted One-half Dozen on a Card.

Note—We are prepared to execute orders for Special Flies tied to Special Hook or copy any samples submitted to our care on very short notice and guarantee entire satisfaction.



ARTIFICIAL TROUT FLIES

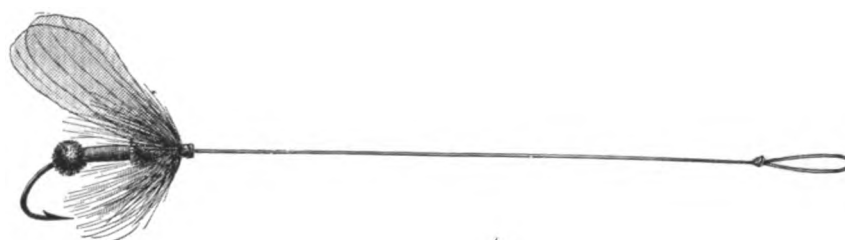
GENUINE ENGLISH MAKE, SINGLE HOOK.



- No. B—Gauze Wing, Cork Body, Gauze Wing, Tied on Best Hollow Point Sproat Hooks, Nos. 6, 8, 10 and 12, with Highest Quality Round Gut..... Per Dozen \$2.50

This Fly we only carry in one insect, which resembles a small Grasshopper.

One-half Dozen in Patent Transparent Envelope, Pink Color.



- No. C—Gauze Wing, Silk Body, Highest Grade Silk Body, Gauze Wings, Tied on Best Hollow Point Sproat Hooks, Nos. 6, 8, 10 and 12, with Highest Quality Round Gut..... Per Dozen \$2.00

Carried in the Following Nos. Flies:

No. 5180—Cow Dung.
No. 5208—Professor.
No. 5216—Royal Coachman.

No. 5218—Scarlet Ibis.
No. 5224—White Miller.

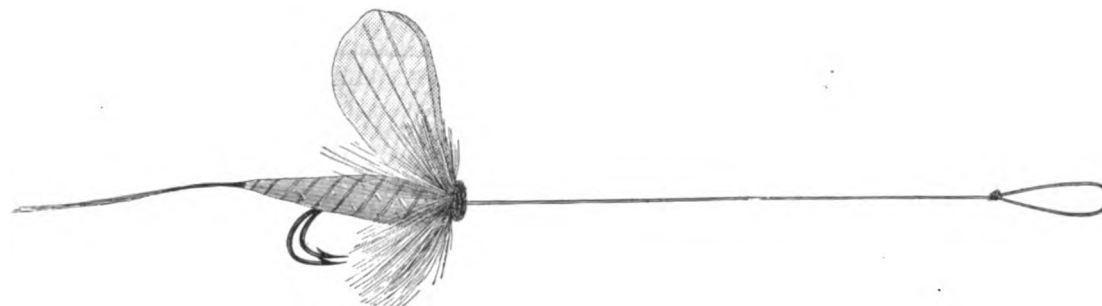
No. 5228—Black Gnat.
No. 5231—McGinty.

No. 5232—Parmachenee Belle.
No. 5234—Beaver Kill.

The Gauze Wing Trout Fly is an exact imitation of the real Fly. The wing of the Fly is transparent, same as that of the real fly.

One-half Dozen in Patent Transparent Envelope, Pink Color

GENUINE ENGLISH MAKE, DOUBLE HOOK



- No. BB—Gauze Wing, Double Hook, Cork Body, Gauze Wing, Tied on Two Best Hollow Point Sproat Hooks, Nos. 6, 8, 10 and 12, with Highest Quality Round Gut..... Per Dozen \$3.00

This Fly we only carry in one insect, and that is in an insect which resembles a small Grasshopper.

One-half Dozen in Patent Transparent Envelope, Pink Color.

For Description of Trout Flies see page 1460.

- No. 1 Neptune Trout Assortment—Consists of One Dozen Trout Casting Baits, Mounted on a Display Easel. Best Hollow Point Hooks, Silk Bodies Made of the Best Material Obtainable. Size of Card $5\frac{1}{2} \times 10$ Inches..... Each \$3.20
- No. 2 Neptune Bass Assortment—Consists of One Dozen Assorted, Pearl, Nickel Plated and Copper Casting Spoons, Especially Adapted for Bass Fishing. Made of the Very Best Material and Mounted on a Display Easel, Size 11×14 Inches 3.20

Note—We are prepared to execute orders, for Special Flies, tied to Special Hook or Copy any Samples submitted to our care on very short notice and guarantee entire satisfaction.



EYED TROUT FLIES

MADE TO ATTACH TO TROUT SPINNERS



Size of Fly on No. 6 Hooks.



Size of Fly on No. 8 Hooks.

No. 1—Silk Body, Tied on Hollow Point Rust Proof Pennell Hooks, Nos. 6 and 8, Made to Attach to Trout Spinners. . . . \$1.40 Per Dozen

Carried in the Following Nos. Flies:

No. 180—Cow Dung.
No. 206—Montreal.
No. 208—Professor.

No. 216—Royal Coachman.
No. 218—Scarlet Ibis.

No. 224—White Miller.
No. 228—Black Gnat.

No. 231—McGinty.
No. 232—Parmachenee Belle.

One Dozen on a Card.

THE COAXER TROUT FLY



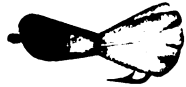
1. White and Red.



2. White and Yellow.



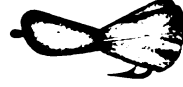
3. All White.



4. Brown and Red.



5. Brown and Yellow.



6. All Brown.

The Cuts are Full Size.

	Per Dozen
No. 1—White and Red, on No. 7 Hollow Point Carlisle Hooks	\$4.50
No. 2—White and Yellow, on No. 7 Hollow Point Carlisle Hooks	4.50
No. 3—All White, on No. 7 Hollow Point Carlisle Hooks	4.50
No. 4—Brown and Red, on No. 7 Hollow Point Carlisle Hooks	4.50
No. 5—Brown and Yellow, on No. 7 Hollow Point Carlisle Hooks	4.50
No. 6—All Brown, on No. 7 Hollow Point Carlisle Hooks	4.50

BUCKTAIL TROUT FLIES



Mounted on No. 8 Turn Down Eye Pennell Hook.

These Flies are of new design to meet a rapidly growing demand for a bucktail trout fly that has proven a wonderful killer. The bucktail hair is untrimmed, which adds still greater life-like effect to the lure. The turn-down eye easily permits attaching gut snell or leader.

No. 162—Six on a Card. . . . \$2.30 Per Dozen

ASSORTED COLORS AS FOLLOWS:

White with Black Body.
Gray with Black Body.
Gray with White Body.

Black with White Body.
Brown with White Body.
Brown with Black Body.

DESCRIPTION OF TROUT FLIES

- No. 168—Bee, Body Tipped with Gold, Alternated with Rings of Black, White and Yellow, Wings from the Back of the Blue Heron, Hackles Brown.
- No. 178—Coachman, Body Peacock, Tipped with Gold, Ginger Hackles, Wings Pure White, from the Tail of the Gander Goose.
- No. 180—Cow Dung, Body Breeze, Tipped with Tinsel, Hackles Brown, Wings Drab.
- No. 188—Grizzly King, Body Green, Ribbed with Gold Tinsel, Tail Scarlet, Wings Gray Duck, Hackles Grizzly Gray.
- No. 194—Brown, Body Royal Purple, Tipped with Tinsel, Hackles Dark Brown.
- No. 206—Montreal, Body Maroon, Ribbed with Gold, Wings Dark Turkey, Bolstered with Maroon Hackles, Tail Red.
- No. 208—Professor, Body Yellow, Ribbed with Gold Tinsel, Wings Gray Duck, Bolstered with Brown Hackles, Tail Scarlet Ibis, Body Tipped with Gold or Silver.
- No. 210—Queen of the Water, Body Orange, Ribbed with Gold, Hackles Ginger, Wings Gray Duck.
- No. 216—Royal Coachman, Body Red, with Center of Chenille or Peacock Herl, Wings White, Hackles Brown.

- No. 218—Scarlet Ibis, Body Red, Ribbed with Gold, Tail Red, Wings and Hackles Brilliant Red, from the African Ibis.
- No. 220—Seth Green, Body Green, Ribbed with Golden Cord, Tail Red, Wings Cinnamon, from the Wild Turkey, Hackles Dark Brown.
- No. 224—White Miller, Body Tipped with Gold Tinsel, White Chenille, Hackles and Wings Pure White, Tail White.
- No. 227—Deer Fly, Green Body, White Wings and Hackle, Black Tail.
- No. 228—Black Gnat, Black Ostrich Body, Gold Tinsel Tag, Black Hackle Legs, Lead Colored Wing.
- No. 229—Blue Bottle, Light Blue Body, Black Silk Wound, Gold Tipped, Raven Hackle, Blue-Black Wing.
- No. 231—McGinty, Body Wound with Yellow and Black Chenille, Gold Tinsel Tag, Red and Gray Mallard Tail, Brown Hackle Legs, Black Wing Tipped with White.
- No. 232—Parmachenee Belle, Yellow Mohair Body Ribbed with Gold Tinsel, Red and White Tail, Red and White Hackle Legs, Red and White Wing.
- No. 234—Beaver Kill, White Silk Body, Brown Hackle Legs, Duck Tail, Lead Color Wings.

NOTE—We are prepared to execute orders for Special Flies, tied to Special Hook or Copy any Samples submitted to our care on very short notice and guarantee entire satisfaction.



ARTIFICIAL BASS FLIES

WEEDLESS BUCKTAIL BASS FLIES

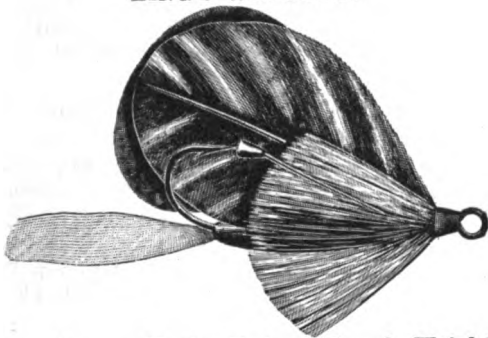


A spoon can easily be attached and when used with a pork-rind chunk or strip, it cannot be surpassed in effectiveness for drawing out the big ones which lay up in the pockets.

- | | Per Dozen |
|---|-----------|
| No. 1543W—3-0 Hook, White Bucktail with Red Chenille Body, Weighted..... | \$4.80 |
| No. 1543Y—3-0 Hook, Yellow Bucktail with Peacock Chenille Body, Weighted..... | 4.80 |
| No. 1543R—3-0 Hook, Red Bucktail with White Chenille Body, Weighted..... | 4.80 |

One Fly Sewed on a Card; One Dozen in a Box.

BING'S WEEDLESS



Tied to 5-0 Sproat Hook, Twine Wound Weighted Body, Waterproof.

- | | Per Dozen |
|---|-----------|
| No. 1—White Miller, All White Fly..... | \$4.00 |
| No. 2—Yellow Sally, All Yellow Fly..... | 4.00 |
| No. 3—Red Ibis, Red Wings and Body, White Tail.... | 4.00 |
| No. 4—Seth Green, Dark Brown Wing, Green Body, Red Tail | 4.00 |
| No. 5—Parmachenee Belle, White and Red Wing, Yellow Body, Red and White Tail..... | 4.00 |

One-twelfth Dozen on a Card; One Dozen in a Box.

DESCRIPTION OF "C" NEPTUNE GRADE

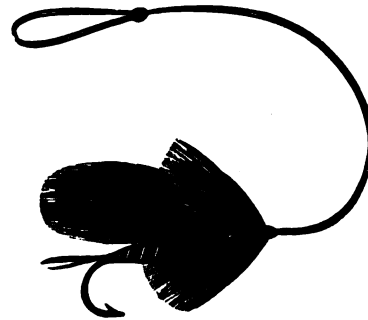
Most Popular Style.

- No. 50—Black June, Peacock Breast Body, Gold Tipped, Hair Tongue, Black Raven Wings.
 No. 52—Blue Bottle, Light Blue Body, Black Silk Wound, Gold Tipped, Raven Hackle, Blue-Black Wing.
 No. 54—Fancy Ibis, Royal Scarlet Body, Wound with Gold Silk, Bound with Black Plush and Tipped with Green and Gold, Red Tongues, Dark Red Hackle and Large Genuine Ibis Wing.
 No. 56—Grizzly King, Green Silk and Plush Body, Gold Tipped, Scarlet Tongue, Gray, Black and White Hackle, Gray Mottled Wing.
 No. 58—March Brown, Light Brown Silk, Wound Body, White Hair Tongue, Dark Brown Hackle, Gray and Brown Mottled Wing.

DESCRIPTION OF No. A GRADE "B"

- No. 42—McGinty, Body Wound with Yellow and Black Chenille, Gold Tinsel Tag, Red and Gray Mallard Tail, Brown Hackle Legs, Black Wings Tipped with White.
 No. 43—St. Lawrence, Body Lemon, Red Tipped, Red Hackle Turkey Wings.
 No. 44—Soldier, Body Red Tinsel, White and Red Hackle.
 No. 45—Sweep, Black Body, Hackle and Wings.

BUCKTAIL BASS



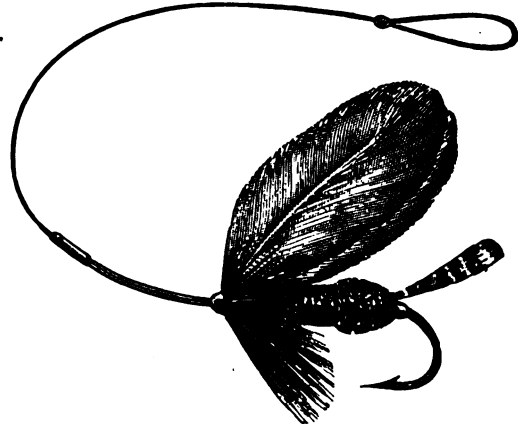
Per Dozen

- No. 460—Bucktail Bass Flies, Tied on File Point Rust Proof Hooks, Nos. 2-0, 1-0 and 1, with Heavy Extra Quality Double Gut Leader.....\$2.50

Carried in the Following Patterns:

- Fawn—Green Tinsel Body, White Bucktail, Brown Hackle.
 Queen Doe—Silver Body, Gray Bucktail, Brown and Black Hackle.
 Princess Fawn—Green Body, White Bucktail, White Hackle.
 Doe—Gold Body, Black Buck, Black Hackle.
 Buck—Red Silk Body, Brown Bucktail, Brown Hackle.
 King Buck—Red Silk Body, Gray Buck, Brown Hackle.

One Fly Sewed on a Card; One Dozen in a Box.



Per Dozen

- No. C—Neptune Grade Bass Flies, Finest Quality, Tied with Heavy Double Wings and Buoyant Bodies on Selected Double Gut, Tied on Nos. 1-0 and 2-0 Sproat Hooks in Following Varieties Only, Nos. 50 to 72 Inclusive\$1.20
 No. A—As Above, but B Grade, in Following Varieties, Nos. 42 to 49 Inclusive..... .70

- No. 60—Professor, Canary Colored Silk Body, Bound with Canary Plush, Scarlet Tongue, Gray and Cinnamon Hackle, Mottled Canary Wing.
 No. 62—Royal Coachman, Scarlet Silk Body, Bound with Peacock Breast, Plush, Black and White Tongue, Heavy Brown Hackle, Wing of Female Mallard, Brown and Ginger Hackle.
 No. 68—White Miller, Body Tipped with Gold Tinsel, White Chenille, Hackles and Wings Pure White, Tail White.
 No. 70—Captain, Black Body, Brown Hackle, White Wings.
 No. 72—Governor, Green Tinsel Body, Brown Hackle, Brown Wings.

- No. 46—Toronto, Body Green, Red Tip, Brown Hackle, Turkey Wings.
 No. 47—Willow, Lemon Body, Gold Wound, Black Hackle, Gray Wings, Yellow Tail.
 No. 49—White Miller, Body Tipped with Gold Tinsel, White Chenille, Hackles and Wings Pure White, Tail White.



GUT LEADERS



Neptune Grade, Finest Quality Silk Worm, White or Mist Color.

	Per Dozen
No. 30S—3 Feet, Heavy, Single Gut, One Extra Loop	\$0.80
No. 60S—6 Feet, Heavy, Single Gut, Two Extra Loops	1.60
No. XX300—3 Feet, Extra Heavy, Single Gut, One Extra Loop	1.30
No. XX600—6 Feet, Extra Heavy, Single Gut, One Extra Loop	2.50
No. 3L—3 Feet, Heavy, Single, with Two Extra Loops.	1.50
No. 6L—6 Feet, Heavy, Single, with Two Extra Loops.	3.00
No. 30D—3 Feet, Heavy, Double Gut, Loop at Each End	1.50
No. 60D—6 Feet, Heavy, Double Gut, Loop at Each End	3.00
No. 3T—3 Feet, Treble Twisted.....	1.70
No. 6T—6 Feet, Treble Twisted.....	3.50

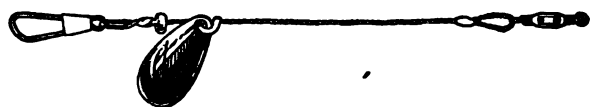
One in a Transparent Envelope; One Dozen in a Box.

B Grade, White or Mist Color, with Loop at Each End.

	Per Dozen
No. 3S—3 Feet, Single.....	\$0.36
No. 6S—6 Feet, Single.....	.70
No. 3D—3 Feet, Double.....	.70
No. 6D—6 Feet, Double.....	1.50

Nos. 3S and 6S Packed One Dozen in Envelope; One Gross in Box; Nos. 3D and 6D Packed One in a Transparent Envelope; One Dozen in a Box.

BING'S E. Z. SPINNER LEADER



Made of Rustproof Flexible Cable Wire with E. Z Spinner and Cooper Snap on one end and Brass Box Swivel on other end. Any style hook or bait can be used with this Leader.

	Per Dozen
No. 75—Entire Length 8 inches.....	\$3.90

SPANISH SILK WORM GUT

	Per 100
No. 211—10 inches Long, First Quality.....	\$1.00
No. 210—10 inches Long, Second Quality.....	.70

One Hundred in a Bunch.

NEPTUNE BRONZED WIRE LEADERS

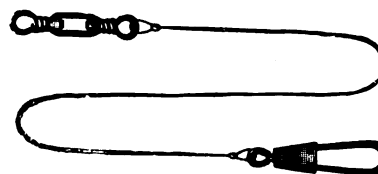


Non-Corrosive Twisted Cable Wire.

Having Cooper's Patent Snap on one end and a Brass Swivel on the other. Tested to hold 50 pounds.

	Per Dozen
No. 70—7 inch Bronze Twisted Cable Wire Leader, Tied One Dozen in a Bunch.....	\$1.60
No. 170—9 inch Bronze Twisted Cable Wire Leader, Sewed One on a Card; Put up One Dozen in a Box.	2.00
No. 700—36 inch Muski Bronze Wire Cable Trolling Leader, with Two Patent Brass Box Swivels on One End and a 5 inch Silk Bound Baiting Loop Tied to Brass Box Swivel at the Other End, Holds 50 Lbs..	3.50

NEPTUNE LEADER



Cooper's Patent Snap and Swivel.

	Per Dozen
No. 6—Piano Wire Leaders, 6 inches Long, for Bass....	\$1.60
No. 9—Piano Wire Leaders, 9 inches Long, Extra Heavy, for Muscallonge	2.00
No. 6 Leader Will Hold 40 Pounds; No. 9 Will Hold 50 Pounds.	
Sewed Three on a Card; One Dozen in a Box.	

WIRE LEADERS

Best Quality Wire.

	Per Dozen
No. 36W—3 feet, Plain Loop at Each End.....	\$0.80
No. 60W—6 feet	1.50

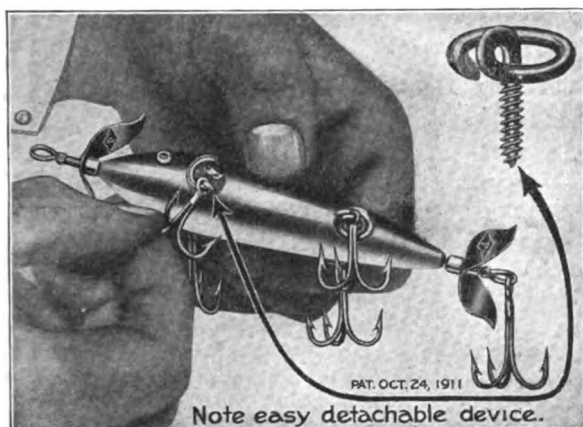


WOODEN MINNOWS



NEPTUNE MINNOWS

Our Neptune Minnows are made from carefully selected cedar which is especially treated to prevent the absorption of water, in order that the waterproof porcelain enamel coating will not peel or flake off. They are furnished with a Patent Detachable Hook Device, which allows a broken hook to be replaced at an instant's notice. On account of this feature the Minnows can be constructed without boring out the enamel and will therefore not become water soaked, like most all other minnows now on the market.

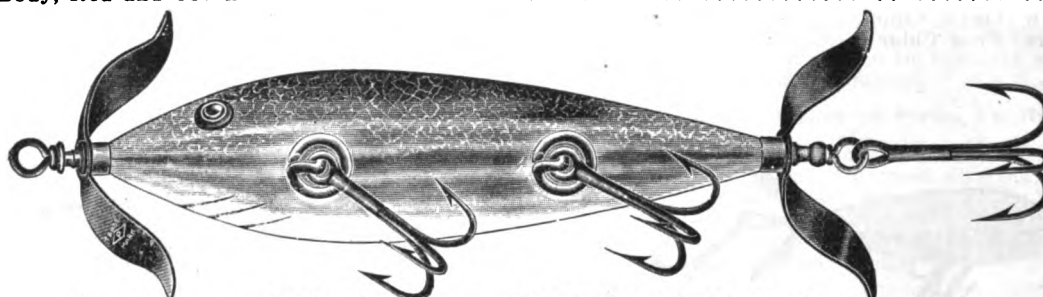


Two Spinners and Three Extra Strong Nickel
Plated Treble Hooks.

Length of Body, $2\frac{3}{4}$ Inches. Sinks Readily. Supplied in the Following Colors:

Per Dozen

No. 821—Rainbow Color, Green Back, Pink and Yellow Sides and White Belly.....	\$6.00
No. 823—Fancy Green Back, White Belly.....	6.00
No. 825—Yellow Perch Color.....	6.00
No. 826—White Body, Red and Green Decorations.....	6.00



Two Spinners and Five Extra Strong Nickel Plated Treble Hooks, Sinks Slowly.
Length of Body, $3\frac{3}{4}$ Inches. Supplied in the Following Colors:

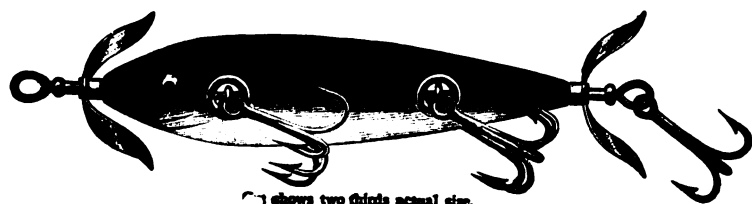
Per Dozen

No. 831—Rainbow Color, Green Back, Pink and Yellow Sides and White Belly.....	\$7.50
No. 833—Fancy Green Back, White Belly.....	7.50
No. 835—Yellow Perch Color.....	7.50
No. 836—White Body, Red and Green Decorations.....	7.50

All Above Packed One in a Box.

Note—For Extra Treble Hooks for above Minnows see Size 2 on page 1445.

LEADER



Shows two thirds actual size.

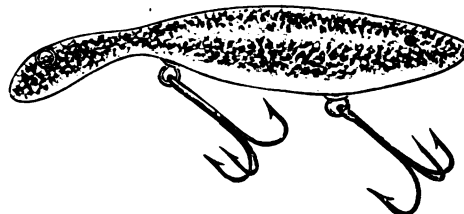
For Under Water Fishing.

Size $3\frac{3}{8}$ Inch.

Heavily coated with our special indestructible waterproof porcelain enamel. Five detachable nickel plated hooks, two nickel plated spinners.

	Per Dozen
No. 13—White Enamel Belly, Green Back.....	\$5.00
No. 15—White Enamel Belly, Red Back.....	5.00

RUSH'S TANGO MINNOWS



Has All the Wobble, Dip and Dive of a Live Minnow in Action.
Ideal for Casting and Trolling.

When Not in Action it Floats.

$5\frac{1}{4}$ inch Wood Body, for All Ordinary Fishing.

Per Dozen

No. 2—White Body, Red Head.....	\$12.00
No. 3—White, Yellow and Green Mottled Back.....	12.00
No. 8—Red Body, White Head.....	12.00
"Junior," $4\frac{1}{4}$ inch Wood Body, for Brook Trout, Lake and Rainbow Trout, Small Mouth Bass, Etc.	

Per Dozen

No. 2JR—White Body, Red Head.....	\$12.00
No. 3JR—White, Yellow and Green Mottled Back.....	12.00
No. 8JR—Red Body, White Head.....	12.00

One Dozen in a Box.

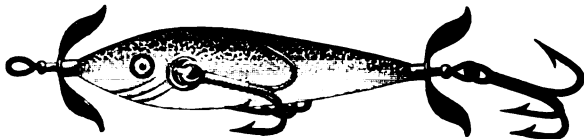


HEDDON'S DOWAGIAC MINNOWS

Heddon's "Dowagiac" Minnows are the original Wooden Minnows and of recognized highest quality. They cost slightly more than numerous imitations, a difference which is more than justified by the difference in quality.

They have come into such general use for casting and trolling for Bass and other fresh water game fishes as to require no further claims for their successful killing qualities.

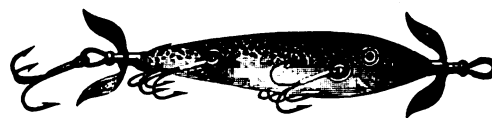
Their beautiful and durable decorations and finish and perfection of mechanical detail have given them an envied place in the affections of artistic anglers everywhere. They are the best in shape, weight and balance; have the best hook presentment; detachable hooks; perfection of spinner action with strength and durability.



No. 100 Series.

Two Spinners and Three Extra Strong "Dowagiac" Design Nickel Plated Treble Hooks. Weight, approximately, 14 Pwts.; Length of Body, 2 3/4 inches. Sinks Readily. Supplied in the Following Colors:

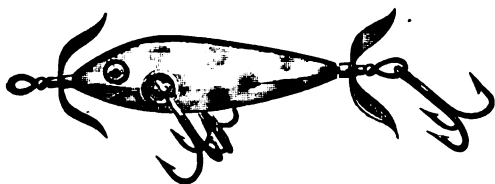
	Per Dozen
No. 100—Fancy Green Back, White Belly.....	\$12.00
No. 101—Rainbow Colors, Green Back, Pink and Yellow Sides and White Belly.....	12.00
No. 102—White Body, Slate Color Back, Red Gills...	12.00
No. 104—Red Body, Dark Green Back.....	12.00
No. 109A—Yellow Perch Color.....	12.00
No. 109B—Natural Frog Color.....	12.00



No. 150 Series.

Two Spinners and Five Extra Strong "Dowagiac" Design Nickel Plated Treble Hooks. Weight, approximately, 18 Pwts.; Length of Body, 3 3/4 inches. Sink Slowly. Supplied in the Following Colors:

	Per Dozen
No. 150—Fancy Green Back, White Belly.....	\$13.60
No. 151—Rainbow Colors, Green Back, Pink and Yellow Sides and White Belly.....	13.60
No. 152—White Body, Slate Colored Back, Red Gills..	13.60
No. 154—Red Body, Dark Green, Back.....	13.60
No. 157—Yellow Belly, Reddish Sides, Fancy Sienna Back.....	13.60
No. 159A—Yellow Perch Color.....	13.60
No. 159B—Natural Frog Color.....	13.60

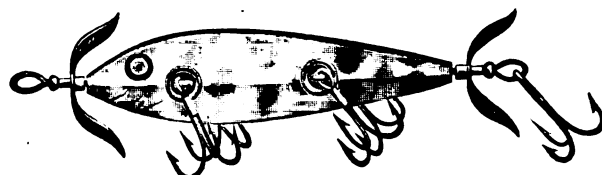


No. 0 Series.

The Hooks on this Minnow are mounted on the distending sharp line running the entire length of the bait on either side, thus greatly increasing the killing certainty.

No. 0 Series, 3 Treble Hooks, 3 Inch Body.

	Per Dozen
No. 0—White Body, Red and Green Decorations.....	\$12.00
No. 01—Yellow Body, Red, Green and Black Decorations.....	12.00

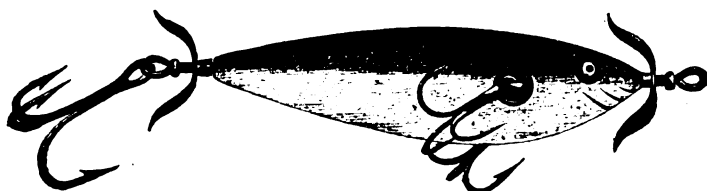


No. 00 Series.

No. 00 Series, 5 Treble Hooks, 3 1/2 Inch Body.

	Per Dozen
No. 00—White Body, Red and Green Decorations....	\$13.60
No. 001—Yellow Body, Red, Green and Black Decorations.....	13.60

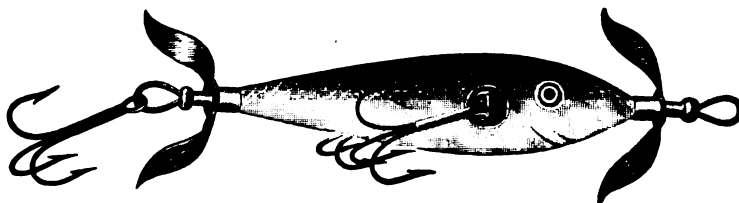
FOR MUSKI FISHING



No. 700 Series, for Trolling.

Two Spinners and Two Extra Strong Treble Hooks. Weight, 18 Pwts. Length of Body, 4 inches. A surface Lure Supplied in the Following Colors:

	Per Dozen
No. 700—Fancy Green Back, White Belly.....	\$16.00
No. 709A—Yellow Perch Color.....	16.00



No. 175 Series, for Casting.

3 3/4 inch Body, Three Extra Heavy Treble Hooks, Two N. P. Spinners.

	Per Dozen
No. 175—Fancy Mottled Green Back, White Belly....	\$13.60
No. 176—Rainbow Color, Green Back, Pink and Yellowish Sides, White Belly.....	13.60

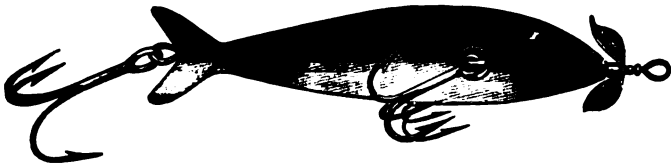
Note—For Extra Hooks for Above Baits, See Page 1445.



HEDDON'S DOWAGIAC MINNOWS



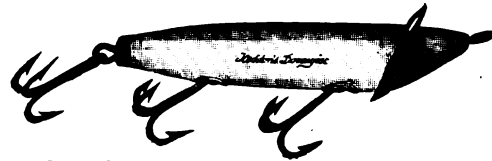
BLACK SUCKER MINNOW



Length of Body 6 inches, Black Sucker Finish, Fish Tail.

No. 1300—One Front Nickel Plated Spinner, Two
No. 1-0 Nickel Plated Hollow Point Treble Side
Hooks, One No. 8-0 Nickel Plated Hollow Point
Treble Tail Hook.....\$24.00

SPECIAL SURFACE LURE

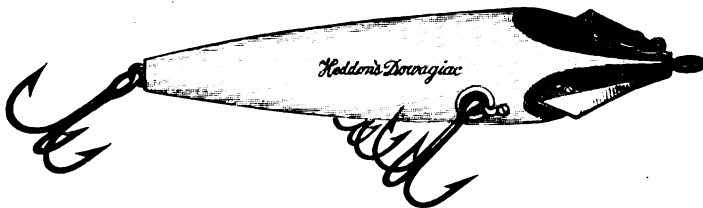


Length of Body 4½ Inches, Weight 12 Pwts.

The original Dowagiac Surface Lure, Semi-Weedless, without revolving parts. Supplied in following colors:

No. 200RH—White Body, Red Head, N. P. Collar.....	Per Dozen
No. 200SF—Natural Frog Color, N. P. Collar.....	\$13.60
No. 200SL—White Luminous Body, Red Head, N. P. Collar	18.60
	16.00

HEDDON'S WIGGLER BAITS



No. 1600 Series.



No. 1700 Series.

Exclusive feature of Heddon Wigglers: Have patented variable line fastening device to regulate action of bait. All hooks are hung in patented sockets, preventing fouling of hooks and the marring of the enamel

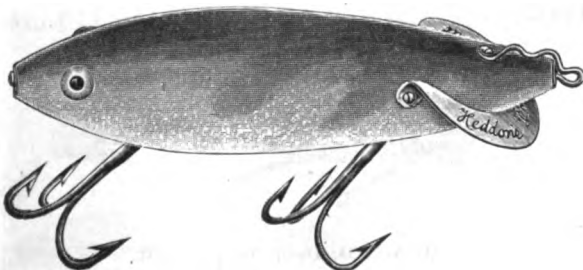
Length 4¼ Inches, Weight ¾ Oz., for Deep Fishing.

Floats when not in motion. When reeled in it dives under the water from one to three feet and has a wobbling motion closely resembling the movements of a live fish. The floating feature, while the bait is at rest, is especially valuable to beginners, as the bait will not sink into the weeds when picking out a back lash.

	Per Dozen
No. 1600 —Fancy Mottled Green Back, White Belly...	\$12.00
No. 1600S—White Body with Red and Green Spotted Effect	12.00
No. 1602 —White Body with Red Head.....	12.00
No. 1609B—Frog Coloration	12.00

Note the three attachment points for the line, regulating depth to which the "Wiggler" will dive; the last hole makes it possible to reel the bait slowly, running the bait very deep, yet with a pronounced wiggling movement—impossible with any other swimming lure.

HEDDON'S CRAB WIGGLER

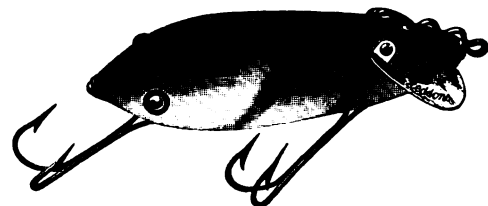


Length 4 Inches, Weight ¾ Oz., for Under Water Fishing.

This Bait is a close resemblance to a fresh water Crab or Crawfish, floats when not in motion, dives under water when retrieved, the movement being a pronounced wiggle, simulating the movement of a Crab when moving backwards, away from danger. It is irresistible to bass and other game fish. Patented variable line fastening device to regulate action of bait. Floats when not in motion.

	Per Dozen
No. 1800S—White Body with Red and Green Spotted Effect	\$13.60
No. 1802 —White Body with Red Head.....	13.60
No. 1809C—Imitation Crab Color.....	13.60

HEDDON'S BABY CRAB WIGGLER



Length 3½ inches, Weight ¾ Oz., for Under Water Fishing.

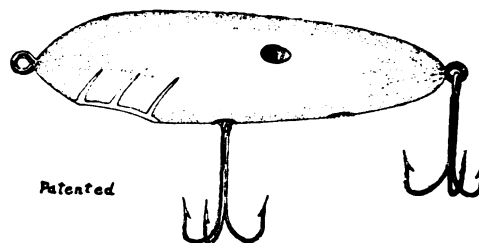
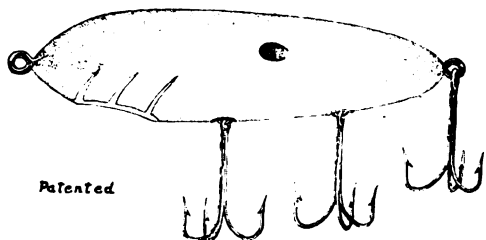
The New Baby Crab Wiggler is a smaller pattern of the famous 1800 Series. Equipped with double hooks and because of the peculiar angle at which it rides in the water, the double hooks will be found absolutely snagless, without detracting the fish-killing qualities.

	Per Dozen
No. 1900S—White Body, Red and Green Spotted Effect.....	\$14.40
No. 1902 —White Body with Red Head.....	14.40
No. 1909B—Imitation Frog Color.....	14.40
No. 1909C—Imitation Crab Color.....	14.40

Note—For Extra Hooks for Above Baits, See Page 1445.



EUREKA WIGGLERS



The wiggling motion is produced by the water being forced through the bait; the slightest movement of the line will cause the bait to move from side to side. It may be manipulated as either a surface or under-water bait by the amount of pressure applied to the reel.

4 Inch Body, Three Nickel Plated Hollow Point Treble Hooks.

Per Dozen

No. 33—White with Red Nose.....\$12.00

No. 35—Orange Back, White Body, Red Stripings.... 12.00

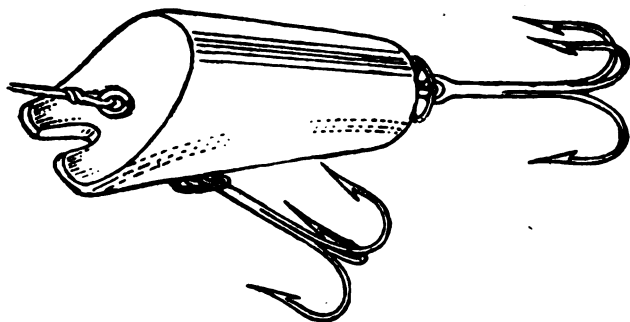
No. 31—Natural Frog Color..... 12.00

3 Inch Body with Two Hollow Point Nickel Plated Treble Hooks.

Per Dozen

No. 23—White with Red Nose.....\$12.00

"JIM DANDY WOBBLER"



Wobbles and labors through the water like a crippled minnow, and fish immediately attack it. A sure killer. 2 1/4 inches long, weight 3/4 ounce.

Per Dozen

No. 50—White with Red Face.....\$12.00

No. 51—Frog Color 12.00

WILSON'S SIX-IN-ONE WOBBLERS



This Bait is made with an adjustable diving guide which may be set at any one of six different positions. One will cause the Bait to skim on the surface, the other will cause the Bait to travel in the water at various depths. Each change in the position of the diving guide causes the Bait to travel at different depths and different wobbling movements.

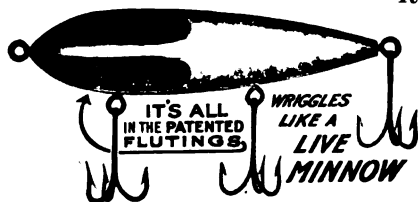
Per Dozen

No. 61—Selected Red Cedar Body, Beautifully Enam-
eled, Adjustable Metal Diving Guide, Brass Metal
Part, Nickel Plated.....\$12.00

All Above, One in a Box.

WILSON'S "GOOD LUCK" WOBBLERS

It Floats when not in Motion.



FLUTED, Semi-Surface Bait.

This Bait travels from 6 to 12 inches under the surface, at the average speed of reeling. Owing to its patented flutings it travels through the water with the exact darting motion of a live minnow.

Per Dozen

No. 1F—White with Red Flutings.....\$12.00

No. 2F—All White, Luminous (for Night Fishing)... 12.00

No. 8F—Perch Color 12.00

No. 9F—White Body, Red and Green Decorations.... 12.00

No. 11F—Green Cracked Back, White Belly..... 12.00

No. 10F—Same as No. 1F, but with Weedless Hooks.. 16.00



WINGED, Deep Water Bait.

This Bait has the same action or movements in the water as the Fluted Wobbler, but travels two to three feet deeper beneath the surface. We recommend this Bait for deep water fishing and when going after the big ones.

Per Dozen

No. 1W—White with Red Wings.....\$12.00

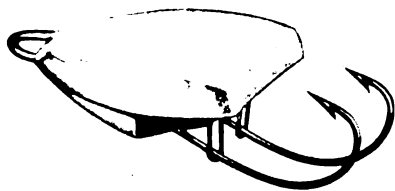
No. 2W—All White, Luminous (for Night Fishing)... 12.00

No. 20W—Same as No. 2W, but with Weedless Hooks. 16.00

Packed One in an Individual Box; One Dozen Boxes in a Nice Display Carton.



GETSEM WEEDLESS BAITS



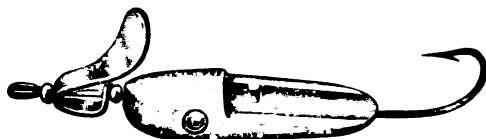
A Weedless Bait that Actually Catches the Fish.

A scientifically constructed bait, has seven special features. The real secret of "getting the big ones" is to cast right up into the lily pads, rushes and weed beds which is the home of the bass and pike. Best results are obtained by striking the fish quickly and hard as soon as the strike is received.

Selected Cedar Body, Finely Enameled.

No. 71—White with Red Spots.....**\$16.00**
No. 72—Yellow with Red Spots.....**16.00**

ORIENTAL WIGGLERS



A Pork Rind Bait. The classiest and wiggliest things that you can tie your line to. The Pork Rind strip is attached by impaling on the hook and buttoning the forward end to little button.

No. 3—2 inch Solid Celluloid Body, Length Over All 3 3/4 inches, White Color. 3/0 Hand Forged O'Shaughnessy Hook, Nickel Plated Metal Parts..**\$16.00**

For Special Pork Rind Bait, See Page 1469.

SOUTH BEND BASS ORENO BAIT

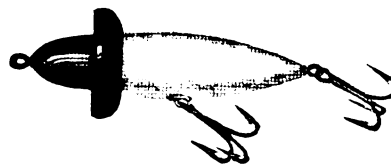


A very effective fish getter with a darting motion when reeled in. The faster it is reeled the deeper it will travel. Floats when not in motion. Equipped with three extra strong Nickel Plated Treble Hooks, 3 1/2 inch Cedar Wood Body coated with select quality enamel, guaranteed not to peel or crack.

No. 973RH—Red Head with White Body.....**\$10.50**
No. 973Y—Yellow Body with Red and Green Spotted Decorations **10.50**
No. 973F—Frog Coloration **10.50**
No. 973L—Luminous, for Night Fishing..... **14.00**

SOUTH BEND SURFACE BAITS

THE MIDGET WOODPECKER MINNOW.



Length of Body 4 1/2 Inches, Weight Approximately 9/10 Oz.

This Bait is regarded by many anglers as a most reliable and effective bait. The Collar Head is concaved and so shaped as to throw a strong rattle that draws the fish from a long distance.

No. 925RH—White Body with Red Head and Collar.....**\$8.00**

SOUTH BEND FLOATING MINNOW

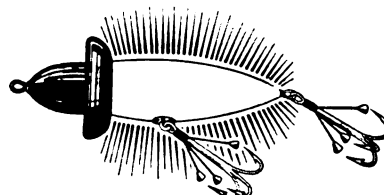


Length of Body 3 1/2 Inches, Weight Approximately 3/4 Oz.

Equipped with one Spinner and one Belly and one Tail Treble Hook.

No. 921RH—White Body, Bright Red Head.....**\$8.00**

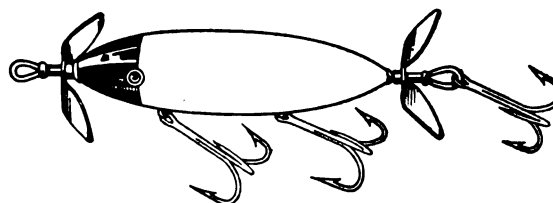
MIDGET MOONLIGHT MINNOWS



These Baits are finished with Luminous Phosphorous Enamelled Bodies. By exposing them for a couple of minutes to sunlight they will glow in the dark very effectively. Used for night fishing.

No. 926W—Same as No. 925RH, but Luminous and Weedless**\$14.00**

SOUTH BEND SURF-ORENO MINNOW



Special light wood body, 3 3/4 inches long, two extra light Nickel Plated Spinners, two belly and one tail Treble Hook. This bait is very easy to cast, rides high on the surface of the water and is a big killer.

No. 963RH—Red Head with White Body.....**\$10.50**
No. 963F—Natural Frog Color..... **10.50**
No. 963Y—Yellow Body with Red and Green Spotted Decorations **10.50**
No. 963L—Luminous, for Night Fishing..... **14.00**

All Above, One in a Box.



ARTIFICIAL BAITS



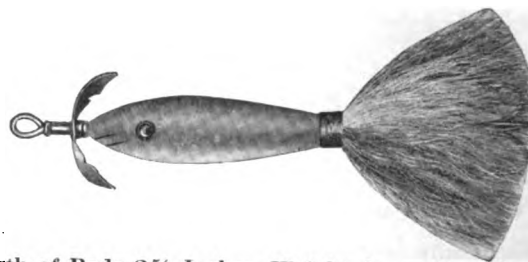
NEPTUNE MINNOW DISPLAY ASSORTMENTS



These Assortments have proven very popular and are promoters of bait sales account of acting as "Silent Salesmen." The cards are 20 1/2 x 13 1/2 inches and have easel back to permit standing on show cases or for window display. The retail price and style number is marked opposite each bait.

Per Assortment
No. 375A—Neptune Minnow Assortment, Consisting of
One Dozen Assorted Popular Minnows.....\$7.50

SOUTH BEND COMBINATION MINNOWS



Length of Body 2 3/8 Inches, Weight Approximately 1/2 Oz.

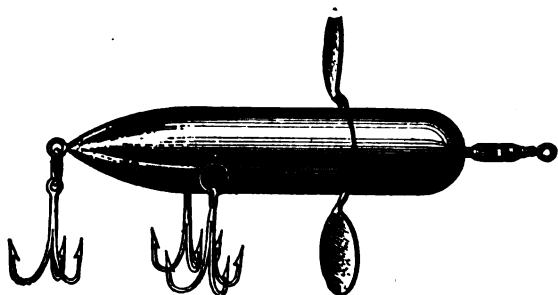
A clean and sportsmanlike small under-water Minnow with Bucktail tied direct on minnow body. Has one large tall Treble Hook which is masked by the bucktail. This Bait can be used to good advantage in fairly weedy waters. It has built up a reputation of being very effective.

Per Dozen
No. 932W —White Body, Red and Green Spotted Decorations (Hexagon Shape Effect) with Red Bucktail\$10.50
No. 931GB—Green Cracked Back, White Belly, Natural Color Bucktail 10.00

One in a Box.

SURFACE BAITS

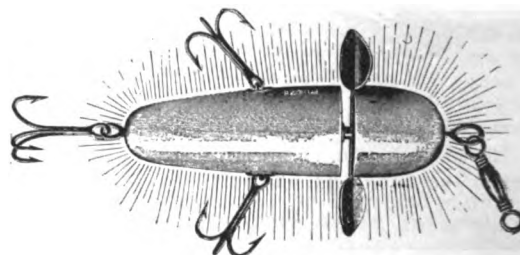
ALUMINUM FISH PHANTOM



Revolving Blades.

Per Dozen
No. 133—3 inch Body, One Treble Hook at Each Side
and One on End, Brass Box Swivel.....\$11.00

"GLOBE" FLOATER

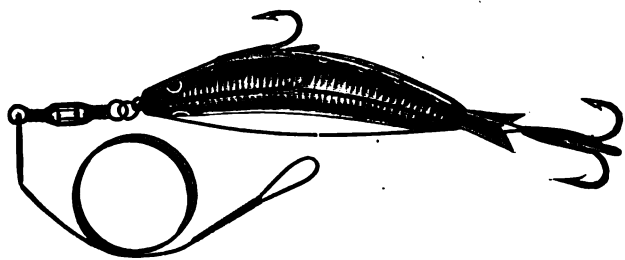


Per Dozen
No. 14—3 3/4 inches Long, Selected Red Cedar, White Porcelain Enameled Body with Revolving Red Head, Detachable Nickel Plated Peculiar Spinner Blades, that "Churn" the Water, which is so Attractive to All Game Fish, Has Three Nickel Plated Treble Hooks\$7.00

All Above, One in a Box; One Dozen in a Carton.

ARTIFICIAL BAITS

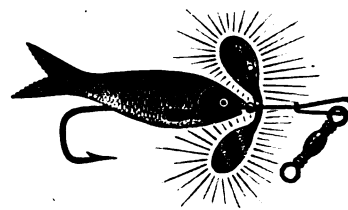
IMPORTED ENGLISH FLEXIBLE CATCH ALL MINNOWS



Flexible Hard Rubber Body.

Per Dozen
No. 273—2 inch Body, Painted True to Nature, Two Treble Hooks, Brass Box Swivel, for Small Fish, Such as Trout, Perch, Etc.....\$7.00
One on a Card; One-twelfth Dozen in a Fancy Box; Six Boxes in a Carton.

"BIZ" TROUT MINNOW SPINNER

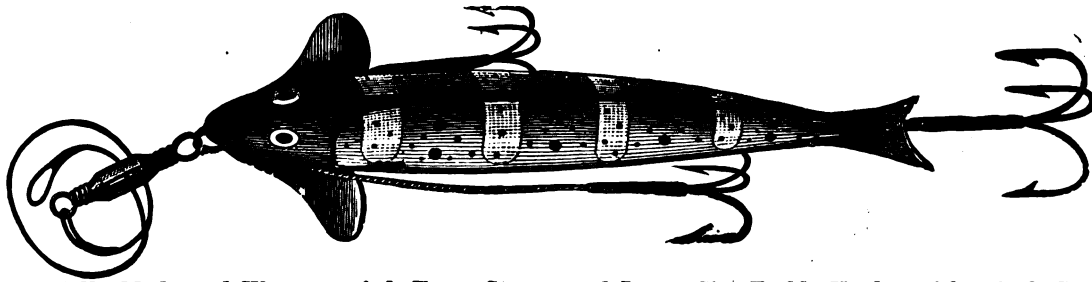


Made from Pure Soft Rubber, Moulded with Scales and Decorated with a Special Indestructible Waterproof Coating.

Per Dozen
No. 173—Size 1 1/2 inches, Six Assorted Colors on a Card. \$4.00
Two Cards or One Dozen Baits in a Box.
No. 163—Fly Minnow, Size 1 1/4 inches, Similar to No. 173, but without Spinner..... 2.50
One Dozen in a Box.

ARTIFICIAL BAITS

IMPORTED SCOTCH SILK PHANTOM MINNOW



Silk is Especially Made and Waterproofed, Extra Strong and Large Size Treble Hooks, with 6 inch Gut Leader.

Finely Finished in Blue, Brown, Silver and Red. Brass Box Swivel. These Minnows are Very Successful in Luring Black Bass, Pike, Pickerel and Other Fish Well Known in Western Waters.

Nos.	2	3	4	5	6	7	8
Length, Inches	2 1/2	3	3 1/4	3 1/2	4	4 1/4	4 1/2
Per Dozen	\$4.00	4.00	4.50	5.00	6.00	6.50	7.00

Do not compare the above imported Minnow with the cheap domestic make. It is far superior in quality and will retain its original shape while the domestic make Minnow will not.

One on a Card; One-twelfth Dozen in a Fancy Box; Six Boxes in a Carton with Mica Window Top.

IMPORTED ENGLISH PORPOISE HIDE PHANTOM MINNOWS



Special Porpoise Hide Body.

Assorted Colors, Brown, Blue and Silver. Extra Strong and Large Hooks, Brass Box Swivel, Cable Wire Leader.

Nos.	15	16	17	18
Length, Inches	3 1/2	4	4 1/4	4 1/2
Per Dozen	\$12.50	13.50	15.50	16.50

Sewed One on a Card; One-twelfth Dozen in a Fancy Box; Six Boxes in a Carton.



LUTZ PORK BAIT

"With the Minnow Tail Wiggle".



Showing Lutz Pork Bait Used in Connection with Casting Spoon.

Per Dozen Jars

No. 1—Lutz Pork Bait, One Dozen in Small Glass Jar, Can be Carried in Pocket\$4.00
Bait is Thoroughly Cured and Will Keep Indefinitely.

Showing How Put up One Dozen Strips in a Glass Jar; One Dozen Jars in a Carton.
Lutz Pork Bait is Packed.

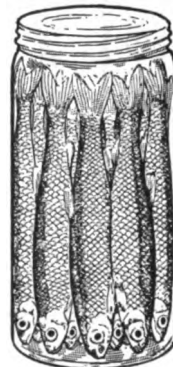
PORK RIND BAIT



Per Dozen Bottles
No. 25—Foss' Pork Rind Bait, in Small Glass Jars with Screw Cover.....\$4.00

These Pork Rind Strips are especially selected from young pigs, they are thin and flexible and cut the correct size. They will not soil the clothes as all grease has been removed. Suitable for any kind of pork rind lure. When the fish are "striking short" these strips should be shortened.

PRESERVED MINNOWS



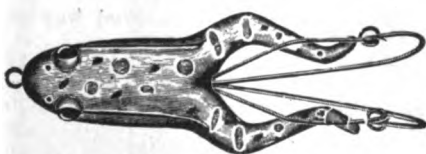
Per Dozen Bottles
No. 60—6 Oz. Assorted Sizes, 35 to 40 in a Bottle.....\$4.00

For trolling, casting and still fishing.

These minnows contain no poisonous preservatives and will keep indefinitely.

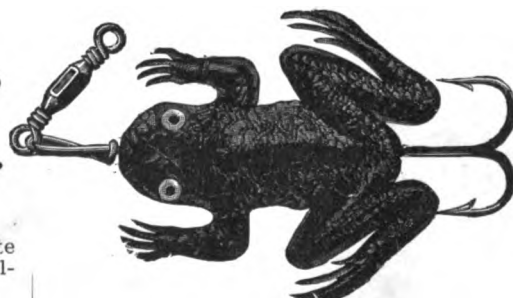
ARTIFICIAL FROGS

WESTWOOD



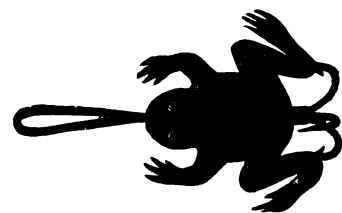
With Weedless Hooks,
Best Quality Soft Rubber, White Belly, Green Back, Non-Luminous, Hollow Point Weedless Hooks.

Per Dozen
No. 2—3 inches Long Body,
Weight Per Dozen About 1/2
Lb.\$6.00
One on a Card; One Dozen in a Box.



Non-Luminous.

Per Dozen
No. 1—2 inches Long, Soft Rubber Froggie\$4.00
One Dozen in a Box.



Non-Luminous.

Per Dozen
No. 1-0—1 inch Long, Soft Rubber Froggie\$3.50
One Dozen on a Card.



SINKERS



COMMON RINGED



No. 9.



No. 10.



No. 11.

Nos.	1	2	3	4	5	6	7
Ap. Wt. Each, Oz.	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{2}$
Length, Inches	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{5}{8}$	2
Per Gross	\$0.60	.70	.80	1.00	1.30	1.60	2.00

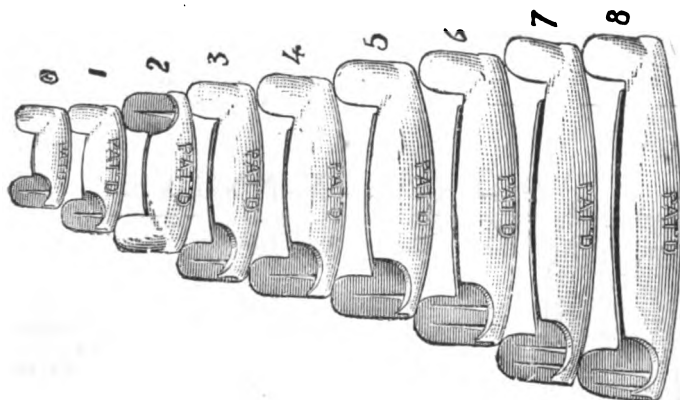
Nos.	8	9	10	11	12	13
Ap. Wt. Each, Oz.	$\frac{3}{4}$	1	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	$4\frac{1}{2}$
Length, Inches	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{5}{8}$
Per Gross	\$2.70	3.50	4.50	5.50	7.50	10.00

Nos. 1 to 7, One Gross; Nos. 8 to 10, One-half Gross; Nos. 11 to 13, One-quarter Gross in a Box.

In Assortments

No. 20—Sizes 3, 4 and 5, Assorted, 6 Dozen in a Box, 2 Dozen Each	Per Gross	\$1.30
No. 30—Sizes 1 to 5, Assorted, 5 in a Box, 1 Dozen Boxes in a Carton	Per Gross	7.50

RANGELEY PATTERN



Very Soft Lead, with Thin Lugs, Can be Attached or Detached with Fingers without Injuring the Line.

Nos.	0	1	2	3	4	5
Ap. Wt. Each, Oz.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$
Per Gross	\$0.70	.80	1.00	1.20	1.50	1.80

Nos.	6	7	8	9	10
Ap. Wt. Each, Oz.	$\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{7}{8}$	$1\frac{3}{8}$
Per Gross	\$2.00	2.70	3.80	4.00	4.80

Nos. 0 to 7, One Gross; Nos. 8 to 10, One-half Gross in a Box.

SPLIT SHOT



Size of No. 7 Buckshot.

Perfectly Split, Full Size and Count.

No. BB—Drop Shot, 24 in a Box	Per Gross Boxes	\$3.00
No. 7—Buck Shot, 7 in a Box		3.00
No. 70—Buck Shot, 12 in a Box		4.80
No. 170—Buck Shot, 24 in a Box		8.50
One Dozen Boxes in a Box.		

ADJUSTABLE RINGED



Nos. 8



7



6



5



4



3



2



1

Nos.	1	2	3	4	5
Approx. Wt. Each, Oz.	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$
Length, Inches	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$
Per Gross	\$0.70	.84	1.00	1.20	1.50

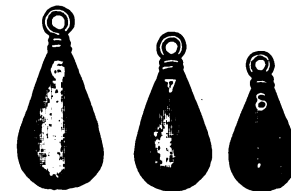
Nos.	6	7	8	9
Approx. Wt. Each, Oz.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1
Length, Inches	$1\frac{3}{8}$	2	$2\frac{1}{8}$	$2\frac{3}{8}$
Per Gross	\$1.80	2.20	3.00	3.70

Nos. 1 to 7, One Gross; Nos. 8 to 10, One-half Gross in a Box.

In Assortments

No. 45—Sizes 1 to 7, Assorted, 7 in a Box, 1 Dozen Boxes in a Carton	Per Gross	\$12.00
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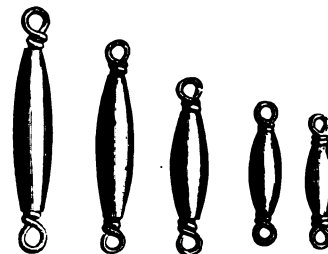
SWIVEL BASS CASTING



The end of the pin is enclosed in a brass turning and cast in the point of the Sinkers, which makes it impossible for sand or other substances to get into the bearing and interfere with its free action.

Nos.	10	8	7	6
Weight in Ounces	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
Per Gross	\$7.50	7.50	7.50	8.00

PITCHER'S PATENT SWIVEL SINKERS



These Sinkers are made in a new and improved way and swivel very freely.

Nos.	6	8	10	12	14
Length, Inches	2	$1\frac{1}{2}$	$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{5}{8}$
Per Dozen	\$1.30	1.20	1.00	.80	1.00

NEPTUNE SNAP SWIVEL CASTING



The piano wire spring snap at one end permits quickly changing bait. It is weighted, thereby serving the two functions of making it easy to cast a light bait and also avoid twisting or turning of bait.

No. 235—Length $2\frac{1}{2}$ Inches, Weight $\frac{1}{4}$ Oz., with Swivel	Per Dozen	\$1.50
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TROLLEY FISHING SUNDRIES

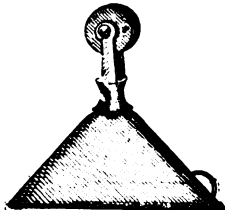


FISHING ALARM BELL

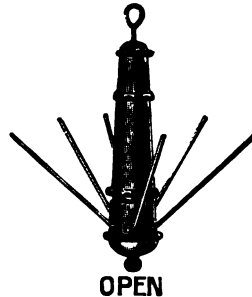
To be used for Throw Line or Trolley Fishing from a boat or a pier.

Per Dozen
No. 10—Alarm Bell\$0.84

TROLLEY SINKER

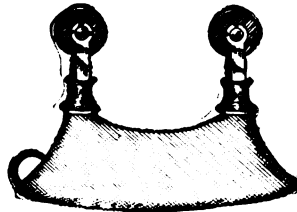


Per Dozen
No. 1—Single Trolley Brass Fork and Brass Pulley, Weight 4 1/2 Ounces\$1.60

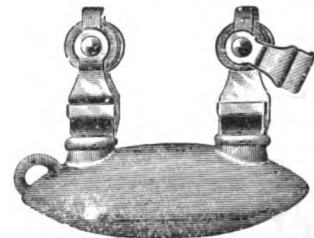


OPEN

TROLLEY SINKER



Per Dozen
No. 6—Double Trolley with Brass Forks and Brass Pulleys, Weight 7 Ounces.....\$3.00



TROLLEY SINKER

Per Dozen
No. 8—Double Trolley with Brass Forks and Brass Pulleys, Can be Opened by Pressing in Lever and then Pushing Sideways, Weight 7 Oz.....\$4.00



CLOSED

AUTOMATIC ANCHOR

Weighs about 1 pound and can be carried in pocket or tackle box. It is used for trolley fishing or anchoring small boats. Throwing out this anchor opens it automatically, and if you wish to haul in, pull line tight and let go at once, this will loosen Anchor and close it up automatically so you can land it easy.

Per Dozen
No. 11—Automatic Anchor\$4.00

Trolley Fishing is well known by all lake fishermen. It is the best fishing from pier or boat. It is done by throwing out a heavy line with an Automatic Anchor attached to the end. When Anchor has caught, pull line as tight as possible and fasten to pier or boat, then let Trolley run out on this line with a regular fishing line and as many hooks as you like. Attached to an Alarm Bell gives you a chance to use more Trolleys and a Rod.

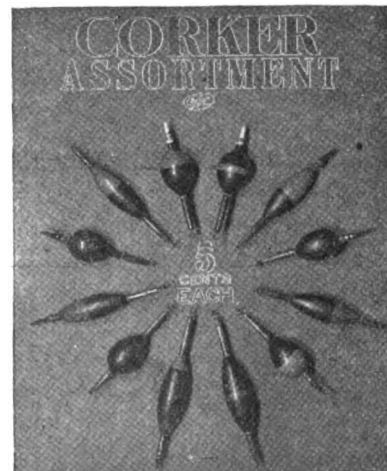
BANK LEAD SINKERS



Uniform in Height, Smooth and Well Finished.

Nos.	2	3	5	7
Weight in Ounces.....	8 3/4	6 1/4	4 1/2	2 3/4
Per Pound	\$0.25	.25	.25	.25

CORKER FLOAT ASSORTMENT



Per Assortment
No. C—Corker Float Assortment Contains One Dozen Assorted Egg and Barrel Shape Cork Floats Finished in Fancy Colors, Put up 12 Floats on an Easel Back Display Card, Each Card Packed Separately in a Box, Retail for 5 Cents, Quick Seller.....\$0.80



FLOATS



Patent Adjustable Egg Shape, Wood,
Assorted 2 Colors, Varnished.

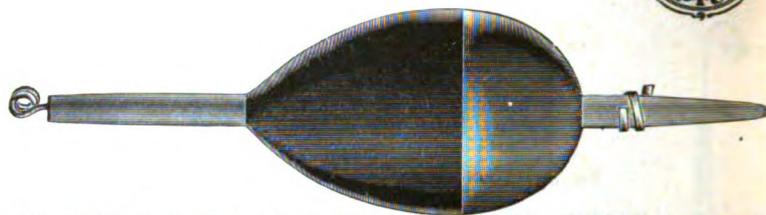
Nos.	72	73	74
Length, Inches	1 3/4	2	2 1/4
Per Dozen	\$0.32	.40	.50

Three Dozen in a Box.

Wood, Egg Shape, Quill Top, Painted
Red and Green, Varnished.

Nos.	140	150	160	170
Length, Inches....	1 3/4	2	2 1/4	2 1/2
Per Dozen	\$0.32	.36	.40	.50

One Dozen in a Box.

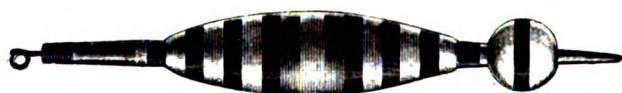


Cork, Egg Shape, Quill Top, Painted
Red and Green, Varnished.

Nos.	120	125	130	135
Length, Inches. 1 3/4	2	2 1/4	2 1/2	
Per Dozen	\$0.66	.84	1.20	1.50

One Dozen in a Box.

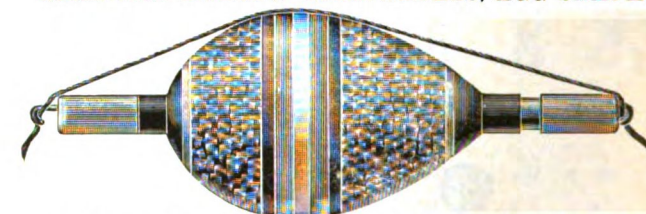
REDFIELD HOLLOW CORK FLOATS, EGG SHAPE



No. 300—Zebra, Ball Top, Barrel Shape, Cork, Fancy Striped,
Assorted Colors.

Inches	2	2 1/4	2 1/2
Per Dozen	\$1.40	1.50	1.60

One Dozen in a Box.



Being Hollow, it is very light and buoyant. It is adjustable, having a Metal Cap that slides up and down, which is governed by a Brass Spring inside. Fancy striped colors.

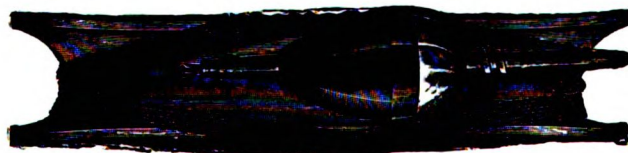
Nos.	220	225	230
Length, Inches	1 3/4	2	2 1/4
Per Dozen	\$1.40	1.50	1.70

One Dozen in a Box.

FURNISHED FISH LINES



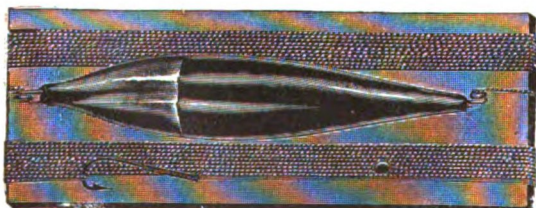
No. 2—White Cotton Line, Stained Red and Black Float, with Feather, Split Shot Sinkers, One Ringed Hook on Stained Green Boards Per Gross
One-quarter Gross in a Box. \$1.60



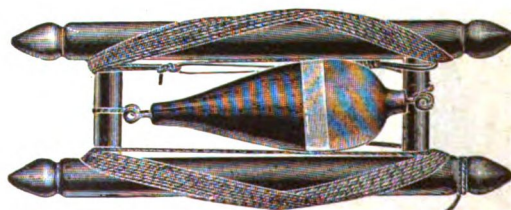
On 1x5 Inch Split Japanese Cane Winder. Per Gross
No. 9—1 1/2 Inch Stick Top Adjustable Egg Float, Painted Three Colors and Varnished, 15 ft. Cotton Line, One Ringed Hook and One Split Shot Sinkers, Weight Per Gross About 12 Lbs. \$3.60
One-twelfth Gross in a Box.



On 1 3/4 x 4 3/4 Inch Wooden Winder. Per Gross
No. 4—2 1/4 Inch Adjustable Egg Float, Painted Two Colors and Varnished, 15 ft. Drab Cotton Line, One Ringed Hook, One Sinkers, Weight Per Gross About 6 3/4 Lbs. \$7.20
One-quarter Gross in a Box.

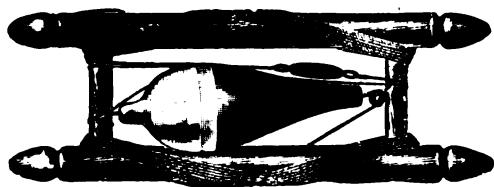


On 1 3/4 x 4 3/4 Inch Wooden Winder. Per Dozen
No. 7—4 Inch Adjustable Barrel Float, Painted in Two Colors and Varnished, 15 Foot Heavy Drab Cotton Line, One Ringed Hook and One Sinkers, Weight Per Gross About 7 1/2 Lbs. \$0.80
One-twelfth Gross in a Box.



On 1 3/4 x 5 Inch Black Enameled Acorn Reel. Per Dozen
No. 8—20 Foot Green Line, Adjustable Enameled Egg Float, Snelled Hook, Shot Sinkers, \$0.80
One Dozen in a Box.

FURNISHED FISH LINES



On 1 1/4 x 5 in. Black Enameled Wood Reel.

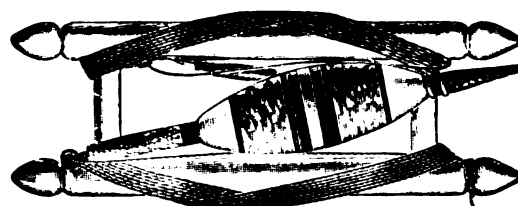
- Per Dozen
- No. 10—15 Feet No. 2 Sea Grass Line, One Double Gut Hook, One Adjustable Sinker, One 2 1/4 Inch Adjustable Wood Barrel Float.....\$1.50
- No. 11—Same as Above, but with 15 Feet Silk Line and Cork Float 1.70
- One Dozen in a Box.

BEATS ALL ASSORTMENT



Per Assortment

- No. 1—Beats All Assortment Contains One Dozen Furnished Lines, Assorted Olive Green and Linen Finish, with Assorted Egg and Barrel Floats, Put up 12 Lines on an Easel Back Display Card.....\$0.80
- Each Card Packed in a Separate Box.



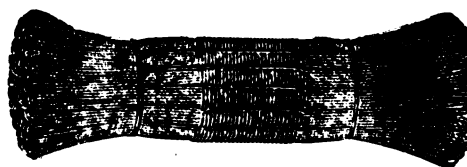
On 1 1/4 x 5 Inch White Enameled Acorn Reel.

- Per Dozen
- No. 425—15 Feet Green Cable Line, One Double Gut Hook, One Adjustable Ringed Sinker, One 2 1/4 Inch Fancy Striped Natural Finish Barrel Adjustable Cork Float, Weight Per Gross About 10 Lbs.....\$1.70

One-twelfth Gross in a Box.

FISHING LINES

LINEN FINISH, EXTRA STRENGTH



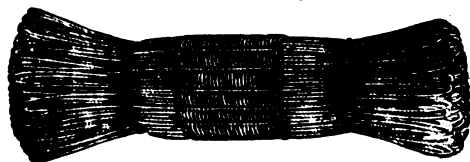
Braided, 25 feet Hanks. Colors: Plain Grey and Grey with Black Spots.

- Per Gross
- No. 1123—Size 3, Large\$6.00
- No. 1124—Size 4, Medium 6.00
- No. 1125—Size 5, Small 6.00

12 Connected, One-half Gross in a Box.

FISHING LINES

EUREKA ECRU COTTON



Twisted, Imitation Linen. 15 Feet Hanks, 12 Connected.

- Per Gross
- No. 1—Size 1.....\$1.00
- No. 2—Size 2..... 1.20
- No. 3—Size 3..... 1.30
- No. 4—Size 4..... 1.40
- No. 5—Size 5..... 1.50
- No. 6—Size 6..... 1.70

One-half Gross in a Box.

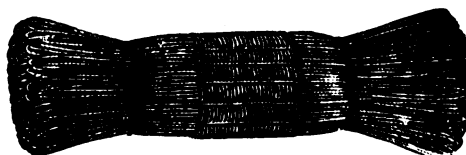
"ILUM" ELECTRIC BRAIDED COTTON

Special Quality, White and Black Mottled, 25 Feet Hanks.

- Per Gross
- No. 51—Size 1.....\$5.00
- No. 52—Size 2..... 5.00
- No. 53—Size 3..... 5.00
- No. 54—Size 4..... 5.00
- No. 55—Size 5..... 5.00
- No. 56—Size 6..... 5.00

One-half Gross in a Box.

NEPTUNE BRAIDED SEA ISLAND COTTON.



Variegated Green Color, Genuine Combed.

- 15 Foot Hanks. Per Gross
- No. 16—Size 6.....\$3.50
- No. 15—Size 5..... 3.50
- No. 14—Size 4..... 3.50
- No. 13—Size 3..... 3.50
- No. 12—Size 2..... 3.50

- 25 Foot Hanks. Per Gross
- No. 26—Size 6.....\$4.50
- No. 25—Size 5..... 4.50
- No. 24—Size 4..... 4.50
- No. 23—Size 3..... 4.50

12 Connected, One-half Gross in a Box.

All Our "Neptune" Braided Lines in Hanks, on Blocks, or in Coils, we guarantee to be the Very Best Braided Lines Made. They are full size and full length.

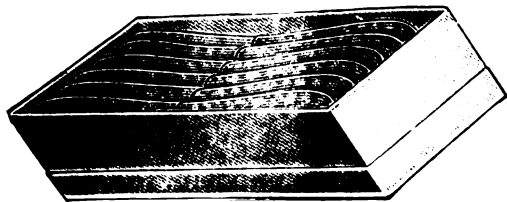




NEPTUNE FISH LINES



NEPTUNE BRAIDED SEA ISLAND COTTON, TROLLING



Genuine Combed, Extra Quality Egyptian Stock.

Three Ply, Braided in 8 Strands, VARIEGATED GREEN Color.
84 Foot Fanks, 2 Connected.

Nos.	846	845	844	843	842	841	840	8400
Size	6	5	4	3	2	1	0	00
Per Dozen...	\$1.50	1.50	1.50	2.00	2.50	2.70	3.00	3.50

Black and White Color, Otherwise Same as Above.

Nos.	746	745	744	743	742	741	740	7400
Size	6	5	4	3	2	1	0	00
Per Dozen...	\$1.30	1.30	1.30	1.80	2.00	2.40	2.70	3.00

Note—Size 6 is Small; Size 00 is Large.

ONTARIO SPECIAL BRAIDED

Hard Braided Lisle Thread, White and Black Mottled Color,
Strong and Durable.No. 90—25 feet on a Card, 4 Connected.....\$0.70
Per Dozen Cards
One Dozen Cards in a Box.

BLACKSTONE

48 Thread Electric Braided Line, Made from First Quality
Yarn, Solid Black and of Extra Strength.No. 600—Solid Black Color, One Size Only.....\$1.50
Per Dozen Cards
50 Feet on a Card, 4 Connected.
One Dozen Cards in a Box.

SILKINE, ELECTRIC BRAIDED LISLE THREAD

Made from Excellent Quality Yarn in a Very Attractive Red
and Green Color Combination. Put up 25 feet on a Card, Four
Connected. One Dozen Cards in a Box.No. 75—Size 5\$0.70
Per Dozen

ILUM ELECTRIC BRAIDED

48 Thread, Hard Braided, Extra Quality, White and Black
Mottled Color.No. 60—50 feet on a Card, 4 Connected.....\$1.50
Per Dozen Cards
One Dozen Cards in a Box.

CRIMSON RAMBLER

48 Thread, Braided, Superior Quality, Dark Water Green
Color, Slightly Variegated with Red.No. B—Heavy\$2.00
No. C—Medium2.00
No. D—Light2.00
50 Feet on a Card, 4 Connected.
One Dozen Cards in a Box.



SANDOW SPECIAL BRAIDED



The most attractive, durable and strongest Braided Line on the market in this grade. Made from long staple Sea Island Cotton, 50 foot Spools, Assorted Colors, as follows: White and Green Mottled, Black and Red Mottled and Black with Green Dots.

Per Dozen
No. 100—Made in One Size Only,
Assorted Colors\$1.50
One Dozen in a Box.

FISHING LINES

LINEN FINISH, EXTRA STRENGTH



Braided, on 50 foot Spools, Assorted Colors, Plain Gray and Gray with Black Spots.

Per Dozen
No. 1110—Size 5, 20 Lb. Test...\$1.60

One Dozen in a Box.



SIREN 48 THREAD BRAIDED



48 Thread, Very Closely Braided, Extra Select Quality Lisle Thread. A Very Attractive and Durable Line. Put up on 50 foot Spools, One Dozen in a Box.

Per Dozen
No. 48—Size 5, Color Light Green,
Variegated with Black
Thread\$2.00

NEPTUNE BRAIDED SEA ISLAND COTTON



Variegated Green Colors.

25 Yards on a Block, 4 Connected.

Per 100 Yards
No. 36—Size 6, Small Size.....\$0.50
No. 35—Size 550
No. 34—Size 450
No. 33—Size 350
No. 32—Size 250
No. 31—Size 1, Large Size..... .50
500 Yards in a Box.

BEST BRAIDED LISLE THREAD



Genuine Combed Egyptian Cotton, Variegated Colors.
25 Yards on a Block, 4 Connected, 500 Yards in Box.

Per 100 Yards
No. 72—Size G, Light Size\$0.60
No. 73—Size F, Medium Size60
No. 74—Size E, Heavy Size60
10 Yards on Block, 6 Connected, One-half Gross in Box.

Per Gross
No. 62—Size G, Light Size\$9.60
No. 63—Size F, Medium Size 9.60
No. 64—Size E, Heavy Size 9.60

NEPTUNE BRAIDED LISLE THREAD TROLLING LINE

SILKALINE SPECIAL BRAIDED



Assorted Colors: Black and Red, Green and Red, and New Black and Green.

Per 100 Yards
No. 84—Large Size\$0.50
No. 85—Medium Size50
No. 86—Small Size50

100 Yards on Winder Divided into 25 Yard Sections.
500 Yards Assorted Colors in a Box.



48 Thread, Waterproof, Variegated Green Colors.

Per 100 Yards
No. 486—Size 6, Small Size.....\$0.90
No. 485—Size 590
No. 484—Size 490
No. 483—Size 3 1.00
No. 482—Size 2 1.10
No. 481—Size 1 1.20
No. 480—Size 0, Large Size..... 1.30

Divided in 25 Yard Lengths, 100 Yards in a Coil.
500 Yards in a Box.



LINEN FISHING LINES



NEPTUNE "GENUINE" SCOTCH LINEN

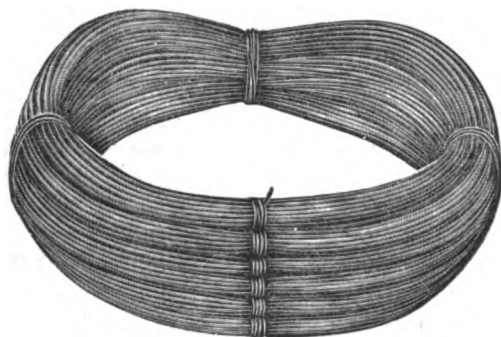


Finest Irish Linen Thread, Twisted, Durable and Strong,
Excellent in Appearance.

	Per Dozen Cards
No. 103. _____	\$1.30
No. 105. _____	1.50
No. 108. _____	1.60
No. 110. _____	2.00

Fifty Feet on a Card, Four Connected,
One Dozen Cards in a Box.

WHITE LAID LINEN REEL LINES

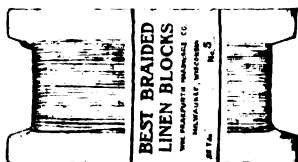


In 50 Foot Coils.

	Per Dozen
No. 104—White Linen, Best Quality.....	\$1.00

In 50 Feet Coils, Twelve Connected in a Box.

"NEPTUNE" BRAIDED IRISH LINEN



Finest Quality Selected Irish Linen, Plain Gray and Natural Color.

	Per 100 Yards
No. 146—Size 6. _____	\$0.70
No. 145—Size 5. _____	.70
No. 144—Size 4. _____	.70
No. 143—Size 3. _____	.75
No. 142—Size 2. _____	.75
No. 141—Size 1. _____	.80

25 Yards on a Block, Four Connected.
500 Yards in a Box.

GENUINE IRISH LINEN



Twisted, Selected Irish Flax, Mat Gray and Sea Green Colors.

	Per Dozen
No. 122. _____	\$1.40
No. 124. _____	1.50

In Coils of 50 Feet Each, Four Connected, on Bristol Card,
Green Print.

BELGIAN BRAIDED LINEN



Extra High Quality Linen, Hard Braided, Drab Brown Color,
Very Strong and Durable.

25 Yards on a Card, Four Connected.

	Per Dozen Cards
No. 160—Heavy, Size E.....	\$2.70
No. 161—Medium, Size F.....	2.50
No. 162—Light, Size G.....	2.30

One Dozen Cards in a Box.

"NEPTUNE" BRAIDED IRISH LINEN



Finest Quality Selected Irish Linen, Plain Natural Color.

Size	Per Dozen
No. 186—6 .. _____	\$0.72
No. 185—5 .. _____	.72
No. 184—4 .. _____	.75
No. 183—3 .. _____	.75
No. 182—2 .. _____	.80

25 Feet Hanks, 12 Connected.
One-half Gross in a Box.

LINEN TROLLING LINES

"CROWN" HARD BRAIDED LINEN TROLLING

CROWN



Medium Grade Linen, Strong and Durable, Plain Gray Color. 100 Yards on a Gilt Labeled Card.

		Per 100 Yards
No. 186—Size	6, Small Size	\$0.84
No. 185—Size	5	.84
No. 184—Size	4	.84
No. 183—Size	3	.90
No. 182—Size	2	.90
No. 181—Size	1	1.00
No. 180—Size	0	1.20
No. 1800—Size	00, Large Size	1.40

"NEPTUNE" HARD BRAIDED LINEN TROLLING

Per 100 Yards

No. 176—Size	6, Small Size	\$1.10
No. 175—Size	5	1.10
No. 174—Size	4	1.10
No. 173—Size	3	1.20
No. 172—Size	2	1.20
No. 171—Size	1	1.30
No. 170—Size	0	1.50
No. 1700—Size	00, Large Size	1.60

All Above 500 Yards in a Box.

NEPTUNE



Best Quality Linen, Natural Color, Very Close Hard Braided, Will not Swell or Soak up Water. 50 Yards on a Gilt Labeled Card.

ON SPOOLS



Waterproof.

Highest Grade Genuine Imported Irish Twisted Linen Stock, Sea Green and Gray Colors, Unequaled for Strength.

		Per Dozen Spools
No. S109—Size	9, 18 Lb. Test.	\$6.00
No. S112—Size	12, 24 Lb. Test.	7.00
No. S115—Size	15, 30 Lb. Test.	8.00

50 Yards on Spool, 2 Connected.
One-half Dozen Spools in a Box.

ELDORADO BRAIDED CUTTYHUNK LINEN CASTING



A Dandy Line for Muski Fishing.

The strength of this line is extraordinary. The smoothest possible braided linen line. These lines are guaranteed not to kink and will test about 20 per cent more when wet than dry.

Per 100 Yards

No. M12—Natural Color,	24 Lb. Test	\$1.70
No. M15—Natural Color,	30 Lb. Test	2.00

50 Yards on Spool, 2 Connected in a Box.

NEPTUNE "GENUINE" CUTTYHUNK LINEN

ON CARDS



Waterproof.

Highest Grade Genuine Imported Irish Twisted Linen Stock, Olive Green and Gray Colors, Unequaled for Strength.

		Per Dozen Cards
No. C109—Size	9, 18 Lb. Test.	\$2.50
No. C112—Size	12, 24 Lb. Test.	2.80
No. C115—Size	15, 30 Lb. Test.	3.00
No. C118—Size	18, 36 Lb. Test.	3.50

50 Feet on a Card, 6 Connected.
One Dozen Cards in a Box.

"JOSEPH JEFFERSON" TARRED MUSCALLONGE



Hand Laid, from Best Quality Irish Flax, Finished by Special Process in Black Color.

Per 100 Yards

No. 109—Test Pull	18 Lbs., Size 9	\$1.80
No. 112—Test Pull	24 Lbs., Size 12	2.00
No. 115—Test Pull	30 Lbs., Size 15	2.50

50 Yards on Spool, 2 Connected; 100 Yards in a Box.

LINEN FINISH, EXTRA STRENGTH



Braided, Trolling, 50 Yards on a Spool. Color, Plain Gray, and Gray with Black Spots.

Per Dozen

No. 1120—Size	F, 20 Lbs. Test.	\$6.00
No. 1125—Size	E, 25 Lb. Test.	7.00

One Dozen in a Box.



HERCULES SILK CASTING



On 50 Yard Spools, 2 Connected.

No. 315—Fine Quality Silk with Linen Core Center, 15 Lb. Test, Color Black and Green Dots, White and Black Mottled\$1.00
A Very Attractive Line.

"NASHOTA" HIGH GRADE SILK CASTING



25 Yards on a Spool, 4 Connected.

Highest Quality Japan Silk, Extra Hard Braided Over a Twisted Silk Core, Perfectly Round, Will not Flatten, Beautiful Lustre, Color Dark Olive Bronze with Orange Dots, Very Strong and Durable.

Nos.	311	312	313	314
Size	H	G	F	E
Tested Pull, Lbs.....	16	20	24	28
Per 100 Yards.....	\$2.00	2.50	3.00	3.50

100 Yards in a Box.

"NUGGET"



50 Yards on a Spool, 2 Connected.

Highest Quality Oriental Silk Over a Spun Silk Center, Braided Close and Built to Wear. Assorted Colors, Gold with Black Dots and Gold with Green Dots. A Very Beautiful and Serviceable Casting Line.

	Per 100 Yards
No. 316—Test Pull 16 Lbs.....	\$2.00
No. 322—Test Pull 22 Lbs.....	2.50

100 Yards in a Box.



MIKADO BRAIDED SILK



On 25 Yard Spools, 4 Connected in a Box.

Fine Quality Silk with Three Ply Silk Center, Black, and Black and White Mottled Colors, Black Enameled Spool.

No. 310 —Black Color, 15 Lb. Test.....\$4.00
No. 310½—Black and White Mottled Color, 15 Lb. Test. 4.00

Per 100 Yards
No. 318 —Black and White Mottled Color, 18 Lb. Test, on 50 Yard Spools.....\$1.50
100 Yards in a Box.

"NUBIAN"



50 Yards on White Enameled Spool, 2 Connected.

Selected Quality, Japan Silk with a Silk Center Line. Braided Close and Smooth and is Practically Waterproof. Black in Color.

Per 100 Yards
No. 320—Test Pull 16 Lbs., Size G.....\$2.00
No. 321—Test Pull 20 Lbs., Size F.....2.50
100 Yards in a Box.

"LAKESIDE"



50 Yards on White Enameled Spool, 2 Connected.

Hard Braided Selected Japan Silk, Three Ply Spun Silk Core Center, Assorted Colors, Green and Black Mottled and Green and White Mottled, Diamond Braid.

Per 100 Yards
No. 326—Test Pull 16 Lbs., Size G.....\$2.00
No. 327—Test Pull 22 Lbs., Size F.....2.50
100 Yards in a Box.

HIGH GRADE SILK CASTING FISH LINES

"KATCH ALL"

50 Yards on Spool, 2 Connected.

Highest Quality Pure Japan Silk, Diamond Braided Over a Silk Core Center, Braided Close and Smooth, Giving Added Strength and Easy Running Qualities. Color Black and White Mottled.

No. 325—Test Pull 22 Lbs. \$2.00

"GARVIN LAKE"

Choice Grade Very Soft Silk, Square Braided which Insures Great Strength and Light Weight, Black and White Mottled Color.

50 Yards on Spool, 2 Connected.

No. 335—Light Weight, 12 Lb. Test, Size 5. \$2.00
 No. 334—Medium Weight, 16 Lb. Test, Size 4. 2.30
 No. 333—Heavy Weight, 22 Lb. Test, Size 3. 2.50

GIBRALTAR

Made from the Finest Selected Steam China Silk, Very Long Fibred and Absolutely Free from Imperfections. Braided Extra Close and Very Smooth, with a Twisted Silk Core Center. A Very Easy Running Line and Recommended Especially for its Great Strength and Wearing Qualities. Color, Green and White.

50 Yards on a Natural Wood Polished Spool, 2 Connected in Box.

No. 323—23 Lb. Test Pull, Size 3. \$4.00

All Above Lines Packed 100 Yards in a Box.

"BEATS ALL"

50 Yards on White Enameled Spool, 2 Connected.

Paraffined, Waterproof.

The Waterproofing on this Line Adds Greatly to Its Wearing Qualities, the Longer It is Used the More Flexible It Becomes. Highest Quality Japan Silk, Closely Braided, Silk Core Center, Making a Perfect, Round Solid Line.

No. 340B—Black Color, Guaranteed Test 25 Lbs. \$4.00
 No. 339B—Black Color, Guaranteed Test 30 Lbs. 4.50

"NEPTUNE SAMSON"

50 Yards on Natural Wood Polished Spool, 2 Connected.

Fine Quality Japan Silk, Hard Braided in Special Manner, Four Ply Silk Core Center, Very Round and Smooth.

Color Red and Black Mottled, and White and Black Mottled.

No. 345—Size D, 18 Lb. Test. \$2.70
 No. 346—Size C, 20 Lb. Test. 3.00
 No. 347—Size B, 24 Lb. Test. 3.50
 No. 348—Size A, 28 Lb. Test. 4.00

"OKAUCHEE"

50 Yards on Natural Wood Polished Spool, 2 Connected.

Extra Imperial Japanese Hard Braided Silk, Twisted Silk Core Center, White and Black Mottled Color. A Good Line for Big Fish. Manufactured from the Highest Grade of Silk Obtainable and Will Not Wear Flat.

No. 338—Guaranteed Test 35 Lbs. \$5.00

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HIGH GRADE SILK CASTING FISH LINES

NEW HIAWATHA



Highest Quality Japan Silk, Extra Hard Braided Over a Twisted Silk Core, Smooth and Free Running, Absorbs Very Little Water. Slate Color.

50 Yards on Natural Wood Polished Spool, 2 Connected, 100 Yards in a Box. Per 100 Yards

No. 341—16 Lb. Test Pull.....\$2.80
No. 343—22 Lb. Test Pull.....3.40

"INVINCIBLE"



50 Yards on Spool, 2 Connected.

High Standard No. 1 Hard Braided Japan Silk, Waterproof. Solid Black Color.

Per 100 Yards

No. 211—Size B1, 18 Lb. Test.....\$3.00
No. 212—Size B2, 24 Lb. Test.....3.50
All Above Lines 100 Yards in Box.

"NEPTUNE MERIT" BRAIDED BLACK PARAFFINE SILK



Waterproof Finish.

Solid Black Color, Choicest Japan Silk, Warranted Perfect.

The Waterproof Dressing is dry and pliable and adds greatly to the wearing quality. The longer the line is used the more flexible it becomes. Runs freely from the reel, will not swell when wet and will not wear flat.

On 50 Yard Coils.

Per Dozen Coils

No. 350D—Size D, Extra Heavy, 38 Lb. Test.....\$30.00
No. 350E—Size E, Heavy, 30 Lb. Test.....24.00
No. 350F—Size F, Medium, 24 Lb. Test.....16.00
No. 350G—Size G, Light, 18 Lb. Test.....13.00

On 80 Yard Coils.

Per Dozen Coils

No. 330F—Size F, Medium, 24 Lb. Test.....\$10.00
No. 330G—Size G, Light, 18 Lb. Test.....8.00
One Coil in a Box.

"CLEAR WATER"



50 Yards on Black Enameled Spool, 2 Connected.

Highest Quality Selected Silk, Hard Braided, Black and White Mottled Color, Medium Light Shade.

Per 100 Yards

No. 373—Test Pull 14 Lbs., Size H.....\$3.00
No. 374—Test Pull 18 Lbs., Size G.....3.50
No. 375—Test Pull 23 Lbs., Size F.....4.00



50 Yards on Spool, 2 Connected.

Patent Braided, Round Silk, Three Strand Core Center, Waterproof.

Per 100 Yards

No. 344—Musky, Black Paraffine Finish, 50 Lbs. Test...\$3.00
Best Muskallonge Trolling Line Made.
All Above Lines 100 Yards in Box.

"NEPTUNE SAMSON" SOLID BRAIDED SILK



Made of Special Quality Raw Silk, the Best and Toughest to be Had and Wears Like Iron.

25 Yards on Winder, 4 Connected.

Per 100 Yards

No. 351½—Size 1½, 14 Lb. Test, Black and White Mottled Color.....\$1.70
No. 353—Size 3, 18 Lb. Test, Black and White Mottled Color.....2.00
No. 353½—Size 3½, 18 Lb. Test, Silver and Black Mottled Color.....2.00
No. 355—Size 5, 23 Lb. Test, Black and White Mottled Color.....2.80
No. 355½—Size 5½, 23 Lb. Test, Dark Brown Color..2.80
No. 356—Size 6, 30 Lb. Test, Black and White Mottled Color.....4.00
No. 359—Size 9, 50 Lb. Test, Muski Size, Black and White Color.....5.00

NEPTUNE SAMSON WATERPROOF

Per 100 Yards

No. 361½—Size 15, 14 Lb. Test, Dark Brown Color..\$3.00
No. 363—Size 16, 18 Lb. Test, Dark Brown Color..3.50
No. 365—Size 20, 24 Lb. Test, Light Brown Color..4.50
No. 366—Size 21, 30 Lb. Test, Light Brown Color..5.50
25 Yards on Winder, 4 Connected; 500 Yards in a Box.



KINGFISHER SILK CASTING LINES



GREEN KING



Best Quality Silk, Closely Braided, Smooth Running and Extremely Tough and Elastic for Their Size.

Per 100 Yards

No. 200B—Size B, Green Color, 16 Lb. Test.....\$2.20
50 Yards on a Spool, 2 Connected; 100 Yards in a Box.

"SPECIAL BAIT CASTING." WATERPROOF



Thoroughly Waterproofed, Soft, Smooth and Flexible, Runs Smoothly from the Reel, Carries Little Water and is Practically Rot and Mildew Proof, Color, Grayish White, with Black Check.

Per 100 Yards

No. 241—16 Lb. Test Pull.....\$3.00
No. 231—23 Lb. Test Pull..... 3.80
Put up 50 Yards on Spool, 2 Connected in Box.

"SILVER SHEEN"



Special Grade of Silk Braided Extra Hard and Close and Will Wear Like Armor Plate, the Handsomest Line in Appearance and the Best for Durability. Color a Bright Lustrous Silver.

Per 100 Yards

No. 215—Test Pull 15 Lbs.....\$2.90
No. 225—Test Pull 25 Lbs..... 3.70
50 Yards on a Silver Spool, 2 Connected; 100 Yards in a Box.

Note—We will furnish to order any Lines of the Kingfisher Brand not found listed in our Catalogue, direct from factory.

"SLICKEST CASTING"



Choicest Japan Silk, Strong, Durable, Smooth Running, Couldn't be Better Made, Will Stand Hard Usage and Hold Big Fish. Color, Drab, with Small Check of Red.

Per 100 Yards

No. 200G—16 Lb. Test Pull.....\$2.80
No. 200E—25 Lb. Test Pull..... 3.60
Put up 50 Yards on a Spool, 2 Connected; 100 Yards in Box.

"HIGHEST GRADE" BAIT CASTING



These Lines are Made of Summer Reeled, Best Selected Japan Finish Silk, Specially Selected and Prepared for Bait Casting Purposes. White, with Narrow Black Check.

Per 100 Yards

No. 203—Size 3, Test Pull 23 Lbs.....\$3.40
No. 204—Size 4, Test Pull 16 Lbs..... 2.80
No. 205—Size 5, Test Pull 12 Lbs..... 2.40
No. 206—Size 6, Test Pull 8 Lbs., Tournament Line... 2.00
50 Yards on Spool, 2 Connected; 100 Yards in a Box.

"BLACK WONDER," WATERPROOF



Finest Japan Silk, Very Close Braided, Smooth Finish, Soft and Pliable, Extra Strong and Durable, Soft Waterproof Dressing. Put up 50 Yards on a Brilliant Red Enameled Spool.

Per 100 Yards

No. 276—Size 6, 18 Lb. Test Pull.....\$2.20
No. 275—Size 5, 26 Lb. Test Pull..... 2.80
100 Yards in a Box.



"KINGFISHER" ITALIAN CASTING AND TROLLING



This Line is Made of Finished Silk, Medium Hard Braided. No Dressing of Any Kind on It. Intended for General Lake and Stream Fishing, Bait Casting and Trolling. It's a Beautiful, High Grade, Serviceable Line.

Color, Tan, with Green Stripe.

	Per 100 Yards
No. 234—18 Lb. Test Pull.....	\$2.80
No. 233—23 Lb. Test Pull.....	3.50

Put up 50 Yards on a Spool, 2 Connected.

NEPTUNE NO-TAIR SILK

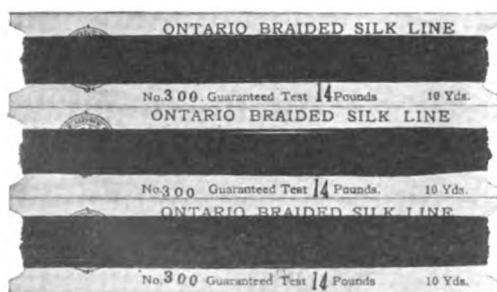


Highest Quality Japan Silk, Hard Braided, Black and White Color, A Beautiful Pattern.

	Per Dozen
No. 397—15 Lb. Test.....	\$1.70
No. 398—20 Lb. Test.....	2.00
No. 399—25 Lb. Test.....	2.50

50 Yards on a Spool, 2 Connected.

ONTARIO BRAIDED SILK



Made of Good Quality Japan Silk in One Size and Three Colors. About 14 Pounds Test.

	Per Dozen 10 Yard Blocks
No. 300—Solid Black Color	\$2.00
No. 301—Black and White Mottled.....	2.00
No. 302—Black with Two White Threads.....	2.00

On 10 Yard Blocks, 6 Connected. One Dozen Blocks in Box.



BEST BRAIDED OIL SILK



Highest Quality No. 1 China Stock, Hard Glossy Finish. Semi-Transparent, Waterproof Finish.

Per Dozen 10 Yard Blocks
No. 385—White with Green Stripes, Size G, 15 Lb. Test. \$2.00
On 10 Yard Blocks, 6 Connected. One Dozen Blocks in Box.

BEST BRAIDED OILED SILK.



A High Grade, Semi-Enameled Silk Line, Smooth, Elastic, Transparent Finish, Thoroughly Waterproof.

Per Dozen Cards
No. 384—Green and White, Size F, 20 Lb. Test.....\$5.00
25 Yards on a Card, 4 Connected in a Box.

NEPTUNE ENAMELED SILK TROUT



Thoroughly Enameled by Our Special Process, which Gives a Tough, Glossy and Flexible Finish that Will Not Crack. Thoroughly Waterproof. Color, White with Black and Green Cross Stripe, Making a Line as Near as Possible the Color of a Gut Leader.

	Per 100 Yards
No. 380H—Size H, 12 Lb. Test Pull.....	\$2.00
No. 380G—Size G, 17 Lb. Test Pull.....	2.50

25 Yards on a Card, 4 Connected; 100 Yards in a Box.



ENAMELED SILK LINES

SALINA



SALINA ENAMELED SILK, WATERPROOF

Extra Hard Braided from Highest Quality Japan Silk, Transparent Finish, Tough, Glossy, Elastic Enamel that Does Not Crack or Turn Yellow with Age. Black and White Color.

Per 100 Yards

No. 386—Size T, Light, 14 Lb. Test.....\$3.00

No. 387—Size G, Medium, 18 Lb. Test.... 3.50

No. 388—Size F, Heavy, 22 Lb. Test..... 4.00

WILLOW BROOK ENAMELED SILK

Made from Highest Quality Japan Silk in a Rich Dark Olive Green Color and is Practically Invisible in the Water, Tough, Elastic Transparent Finish, Will Not Crack or Peel.

Per 100 Yards

No. 381—Size 1, Extra Light Weight 12 Lb. Test\$3.00

No. 382—Size 2, Medium Light Weight, 15 Lb. Test 3.50

No. 383—Size 3, Heavy, 22 Lb. Test..... 4.00

All Above 25 Yards on Card, 4 Connected in a Box.

WILLOW BROOK



GO-2-IT



GO-2-IT ENAMELED FLY CASTING LINE

Made of Finest Silk, Coated with Several Coats of Special Tough and Elastic Enamel which Will Not Peel or Turn White with Use.

Per 100 Yards

No. 388—Size G, 18 Lb. Test, Mist Color...\$3.00

WATER FALL ENAMELED SILK

Finest Selected Japanese Silk, Color Light Brown and Practically Invisible in the Water, Tough, Elastic Enamel, Very Soft and Pliable, Will Not Peel or Crack, Transparent Finish. A Line of Merit and Excellent for Trout Fishing.

Per 100 Yards

No. 392—Size H, 14 Lb. Test.....\$3.50

No. 394—Size G, 18 Lb. Test..... 4.00

All Above 25 Yards on Card, 4 Connected in Box.

WATER FALL



MERMAID



KINGFISHER SALTENE



KINGFISHER MOSS GREEN



Highest Quality Japan Silk, Extra Hard Braided and Enameled by the Most Modern Process, Thoroughly Waterproof and Particularly Flexible, Light Green Color.

Per 100 Yards

No. 222—Size G, 22 Lb. Test...\$3.50

No. 226—Size F, 26 Lb. Test... 4.00

The special enamel used in this line is very supple and proof against salt water and alkali. Color Silver Gray with Black Check.

Per 100 Yards

No. 240G—Size G, 16 Lb. Test...\$3.40

No. 240F—Size F, 21 Lb. Test... 3.80

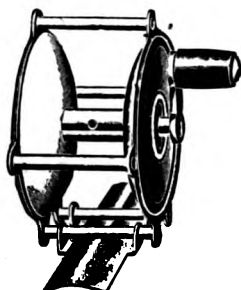
This Line is flexible, free working and perfectly adapted for delicate work. The color blends perfectly in fishing weedy lakes or grassy streams. Color Brilliant Moss Green.

Per 100 Yards

No. 250G—Size G, 16 Lb. Test...\$4.50

No. 250F—Size F, 21 Lb. Test... 5.40

All Above, 25 Yards on a Card, 4 Connected in a Box.



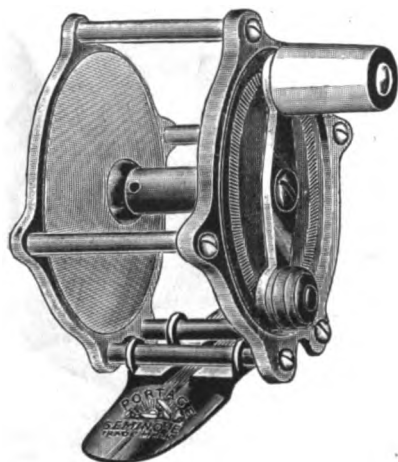
Polished Brass, Riveted Raised Pillars, Black Wood Handle.

Nos.	S01	*S02
Capacity, Yards	40	60
Diam. Disk, Inches	2	2 1/4
Pillar, Inches	1	1
Per Dozen	\$2.40	2.70

*S02 is with Click.

One-half Dozen in a Box.

TROUT CASTING

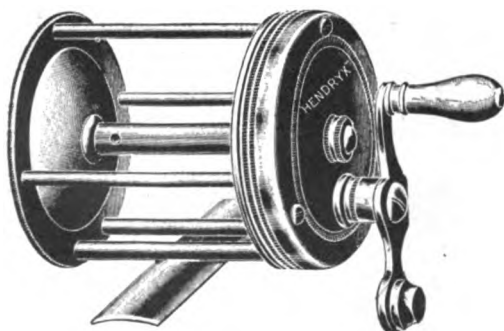


Polished Brass, Raised Pillar, Screwed, Back Sliding Click, Flush Balanced Handle, 2 in. Disc, 1 in. Pillar.

	Per Dozen
No. S140B—40 Yard Capacity...	\$8.00

One in a Box.

MAJESTIC



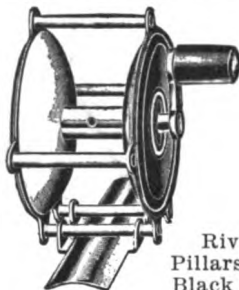
Quadruple Multiplying, Nickel Plated, Wide Spool, 2 Inch Discs, 1 1/2 Inch Pillars, Solid Cross Plate, Screwed, Adjustable Drag and Back Sliding Click, Steel Pivots with Screw-Off Oil Caps, Balanced Tusk Ivory Handle.

	Per Dozen
No. 54—Majestic, 60 Yard Capacity.....	\$18.00

One in a Box.

FISHING REELS

SINGLE ACTION



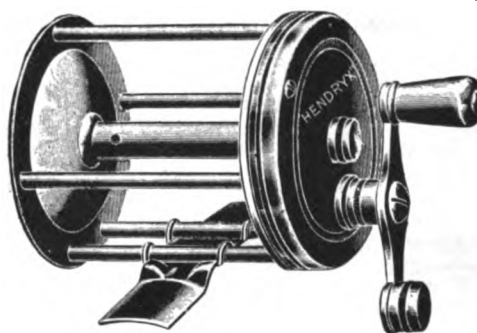
Riveted, Raised Pillars with Click, Black Wood Handle.

Nickel Plated Brass.

Nos.	N60C	N80C
Capacity, Yards	60	80
Diam. Disk, Inches	2 1/4	2 1/4
Pillar, Inches	1	1
Per Dozen	\$5.50	6.00

No. S60C—Same as No. N60C, but Brass	\$5.00
No. S80C—Same as No. N80C, but Brass	5.50

DOUBLE MULTIPLYING

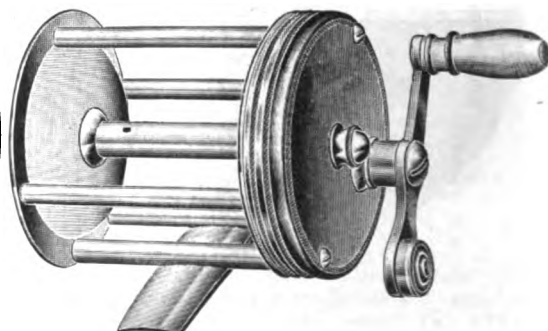


Wide Spool, 2 Inch Round Discs, 1 1/2 Inch Pillars, Screw-Off Oil Cups, Sliding Click and Drag on Back Plate, White Handle and Balanced Crank, Full Nickel Plated.

	Per Dozen
No. D580—80 Yard Capacity...	\$13.00

One in a Box.

QUADRUPLE MULTIPLYING



Quadruple Multiplying, Wide Spool, 2 Inch Discs, 1 1/2 Inch Pillars, Solid Cross Plate, Screwed, Adjustable Back Sliding Click and Drag, Screw-Off Oil Caps Over Steel Pivots, White Handle and Fancy Balanced Crank Plate. Full Nickel Plated.

	Per Dozen
No. 540 —Standard, Plain Caps, 60 Yard Capacity...	\$22.00
No. 180J—Standard, Jeweled Caps, 60 Yard Capacity.	26.00

One in a Box.

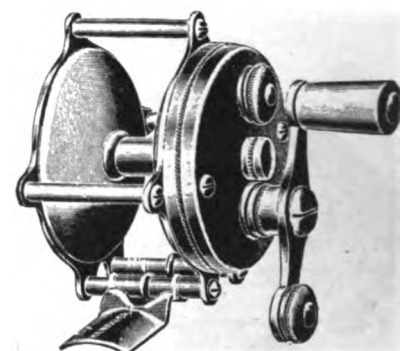


Polished Brass, Riveted, Raised Pillars, with Click and Ring Clamp, Black Wood Handle.

Nos.	S040
Capacity, Yards	40
Diameter Disk, Inches	2
Pillar, Inches	1
Wt. Dozen About, Lbs.	2 1/4
Per Dozen	\$6.00

One-half Dozen in a Box.

DOUBLE MULTIPLYING



Nickel Plated Brass, Screwed, Balanced Handle, Raised Pillars, Adjustable Click and Drag on Back Plate.

Nos.	D440	D1460
Capacity, Yards	40	60
Diam. Disk, Inches	2	2 1/4
Pillar, Inches	1	1
Per Dozen	\$8.00	9.00

Nickel Plated Brass, Screwed Fancy White Bone Balanced Handle, Long Bearing Brass Pivots, 2 Oil Cups, Adjustable Click and Drag, 1 1/2 inch Pillars.

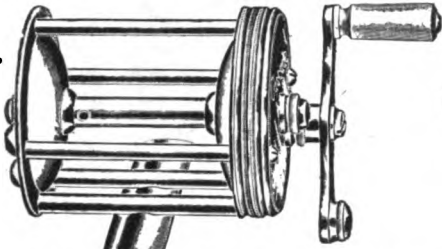
Nos.	D640	D660	D680
Cap'y, Yards ...	40	60	80
Diam. Disk, In..	1 1/2	1 1/4	2
Per Dozen	\$12.00	15.00	17.00

No. D680J—Same as No. D680, but Jeweled

STANDARD



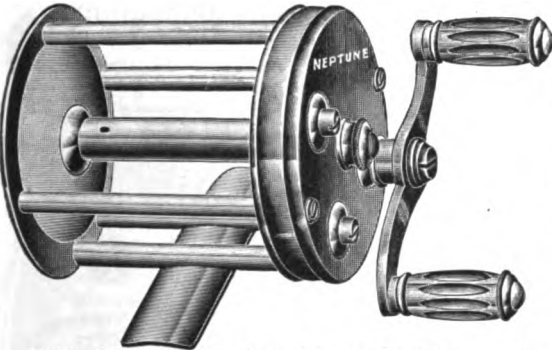
PROFESSIONAL



Satin Finish, 1 7/8 Inch Wide Spool, Fancy Crank and White Celluloid Handle, Full Steel Pivots, Axle and Pinions, Screw-Off Oil Cups, Adjustable Back Sliding Click and Drag. Per Dozen

No. 125—Plain Caps, 60 Yard Capacity \$33.00
No. 175J—Jeweled Caps, 60 Yard Capacity 44.00

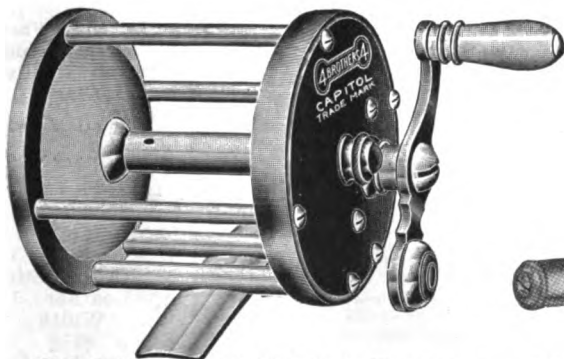
NEPTUNE



Fine Quality, German Silver Finish, Steel Axle, Pivots and Pinion, Genuine Agate Jeweled Bearings, 1 7/8 Inch Wide Spool, Adjustable Sliding Click and Drag, with Fancy Double Handle which Makes the Reel Very Smooth in Action and Noiseless.

No. 350J—Jeweled Caps, 60 Yard Capacity, Double Handle Per Dozen \$84.00

CAPITOL, QUADRUPLE MULTIPLYING

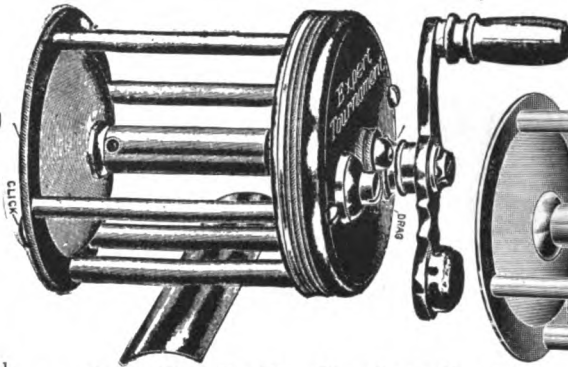


Nickel Plated and Polished, Reverse Metal Bound, Hard Rubber Disks, Fancy Oil Cups, Steel Pinion and Pivots, Adjustable Back Sliding Click and Drag Balanced Crank, with Pyralin Ivory Handle.

No. 2100—Capacity 100 Yards, 2 3/4 inch Disks, 1 7/8 inch Pillar Per Dozen \$60.00

FISHING REELS

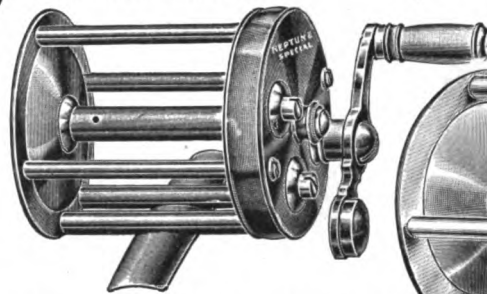
QUADRUPLE MULTIPLYING NEPTUNE EXPERT



Extra Fine Quality, Fine Satin Finish, Steel Pivots and Pinions, Steel Ratchet and Spring, 1 7/8 Inch Long Spool, Fancy White Celluloid Balance Handle, Metal Pinion Cover, Front Sliding Drag, Back Sliding Click.

No. 465—Plain Caps, 60 Yard Capacity Per Dozen \$50.00
No. 465J—Jeweled Caps, 60 Yard Capacity 66.00

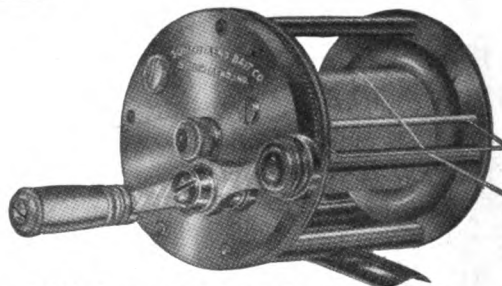
NEPTUNE SPECIAL



Finest Quality Solid German Silver, Hand Polished, Satin Finish, Phosphor Bronze Gears and Bearings, 1 7/8 Inch Spool, Steel Pinions and Pivots, Fancy Ivory Handle, Balanced Crank, Adjustable Front Sliding Click and Drag, Fancy Oil Cups.

No. 793—Plain Caps, 60 Yard Capacity \$ 84.00
No. 795—Plain Caps, 80 Yard Capacity 108.00
No. 795J—Genuine Agate Jeweled Caps, 60 Yard Capacity 120.00

SOUTH BEND ANTI-BACK LASH

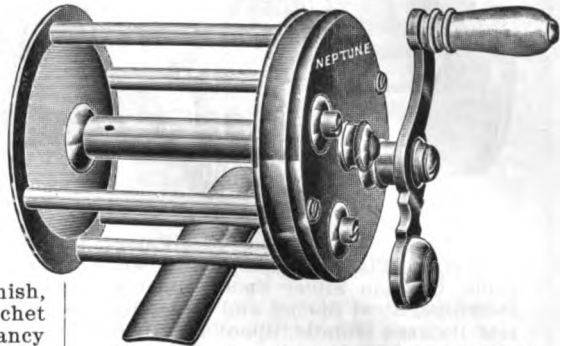


Solid German Silver Frame, Special Steel Spool and Gear Journals, Accurately Finished in Solid Phosphor Bronzed Bushings, Gear Cut from Hard Drawn Brass, Special Tool Steel Pinion, Fancy Crank, Ivoroid Handle.

No. 100—Jeweled Caps, Capacity 80 to 100 Yards, Diameter of Disk 2 in. \$120.00
All Above, One in a Box.



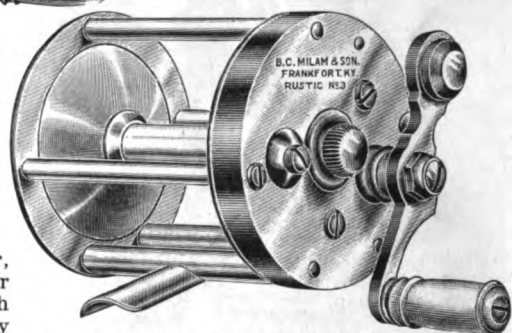
NEPTUNE



Fine Quality German Silver Finish, Steel Axle, Pivots and Pinion, Jeweled Bearings, 1 7/8 Inch Long Spool, Fancy White Celluloid Balance Handle, Adjustable Front Sliding Click and Drag, Spins Free and Noiseless.

No. 300J—Jeweled Caps, 60 Yard Capacity Per Dozen \$72.00

MILAM RUSTIC



Solid German Silver, Click and Drag, with Balanced Handle, Pinions and Pivots are of the Best Tool Steel. Very Free Running and Smooth in Action.

No. 13—2 Inch Discs, Wide Spool, 80 to 100 Yard Capacity Per Dozen \$90.00

"PFLUEGER REDIFOR" ANTI BACK-LASH



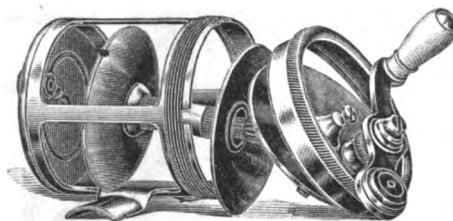
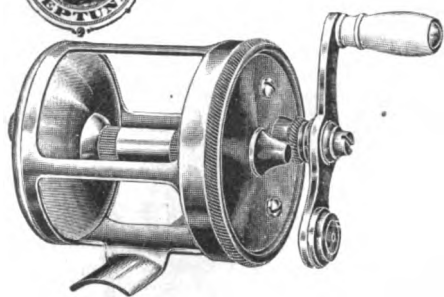
German Silver, Satin Finish, Steel Axles and Pinions, Generated Spiral Tooth Gears, 1 7/8 Inch Long Spool, Amber Fluted Balance Handle, Phosphor Bronze Bushed Bearings, Adjustable Front Click and Drag, Jeweled Tension Oil Cups.

No. 1433J—Jeweled Caps, Capacity 100 Yards, Diameter, Disk 2 in., in Velvet Lined Jewelers' Display Case. \$120.00

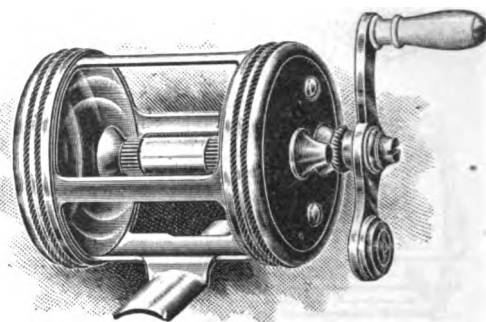


FISHING REELS

MEISSELBACH TAKE-APART REELS
QUADRUPLE MULTIPLYING



Showing Parts.



Tri-Part.

Nickel Plated Brass Frame and Reel Seat, Satin Finish Ends, German Silver Spool, Steel Pivots and Pinions, Bronze Bearings, Steel Spring and Brass Ratchet Wheel, White Celluloid Balance Handle, Spool 1 3/8 Inch Wide, 1 3/4 Inch Diameter, Adjustable Click.

Per Dozen

No. 1580—Capacity 80 Yards, Diameter of Disk 2 inches, Weight Each About 10 Oz. \$72.80
No. 1581—Same as No. 1580, but with Free Spool. 96.50

Tubular Frame and Reel Seat, drawn from one piece plate brass without Solder, Joint or Rivet, German Silver Spool, Detachable Knurled Head Rings. To take apart unscrew the Knurled Head Ring at either end, preferably on the Click Side.

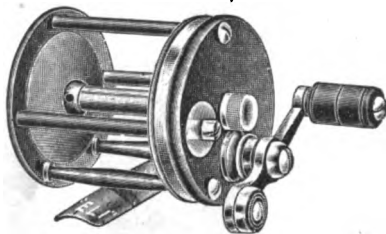
Take-Apart.

Nickel Plated Brass Frame and Reel Seat, Satin Finish Ends, German Silver Spool, Steel Pivots and Pinions, Bronze Bearings, Steel Spring and Brass Ratchet Wheel, White Ivory Balance Handle, Spool 1 3/8 Inch Wide, 1 3/4 Inch Diameter, Adjustable Click.

Per Dozen

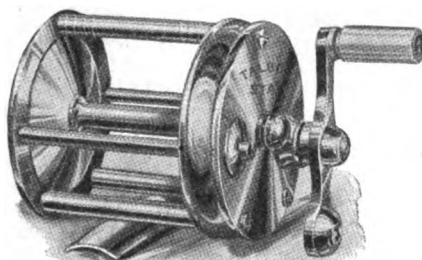
No. 1480—Capacity 100 Yards, Diameter of Disk 2 inches, Weight Each About 11 Oz. \$ 86.50
No. 1481—Free Spool, Capacity 100 Yards, Diameter of Disk 2 inches, Weight Each About 11 Oz. 112.80

TALBOT, ELI

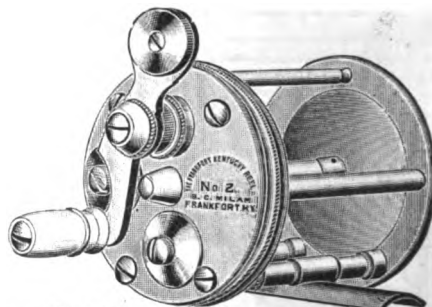


Quadruple Multiplying.

TALBOT STAR



MILAM'S CELEBRATED REELS



Quadruple Multiplying, Made of the Finest Quality German Silver, Balanced Handle, Special Steel Pivots, Click and Drag.

Per Dozen

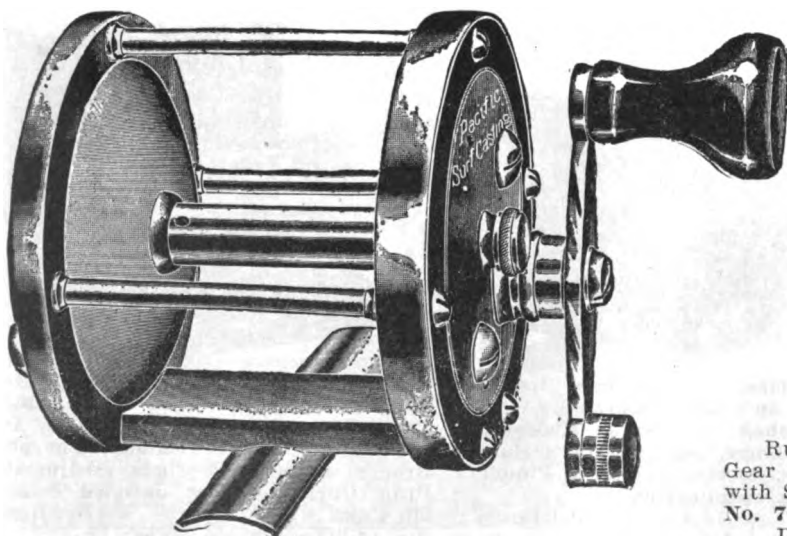
No. 4—80 Yard Standard Size, German Silver, Style B. \$504.00
No. 38—80 Yard Standard Size, Special Brass, Style A. 336.00
Note—Style B has Bottom Handle, Style A has Top Handle.

Per Dozen
No. 25—Eli, Diameter of End Plates 1 3/8 Inches, Length of Spool 1 3/8 Inches, Diameter of Spool Ends 1 3/8 Inches, with Click and Oil Caps, 60 Yard Capacity. \$180.00

Quadruple Multiplying.

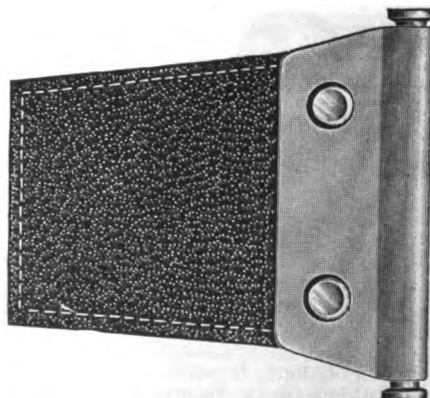
Per Dozen
No. 600—Capacity 80 Yards, Diameter of End Plates 2 inches, Length of Spool 1 3/8 inches, Diameter of Spool Ends 1 3/8 inches, Special Design Click, Screw off, Oil Caps, Balanced Handle with Pyralin Grasp. \$102.00

NEPTUNE MUSKIE REEL



No. 7006—150 Yards.

THUMB BRAKES



Leather Faced with Rawhide, German Silver Metal Clasp.

Per Dozen
No. 2. \$5.00

Length of Leather 1 3/8 in., Width at Top of Leather 1 3/8 in., Width at Bottom of Leather 1 3/8 in., Width of Clasp 1 3/8 in., Weight Per Doz. About 1/2 Lb.

Will Fit No. 7006 Muskie Reel.

Rubber Plates with Metal Bands on Edges, Metal Disc with Gear Bridge and Pivot Bearing, Adjustable Click, Fancy Crank with Special Handle, Multiplying Steel Pivots.

Per Dozen

No. 7006—Nickel Plated, 150 Yards Capacity, 2 3/8 Inch Disc and 2 Inch Pillars. \$60.00

A Dandy Reel for Muscallonge Fishing.

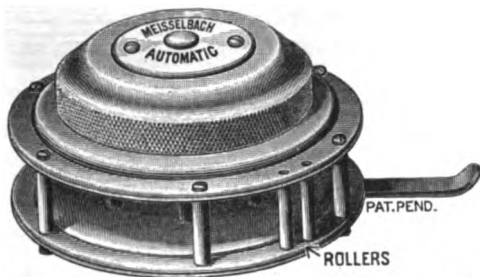
All Above, One in a Box.



TROUT REELS



MEISSELBACH AUTOMATIC



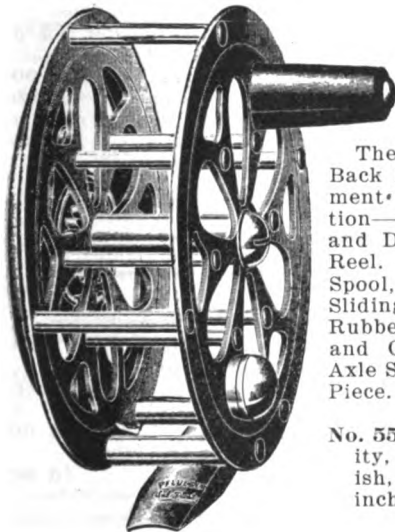
Solid German Silver Frame, Hard Brass and Tempered Steel Working Parts, Working in German Silver Bearings, Finest Tempered Steel Spring, Carbon Steel Main Shaft.

No. 14T—Capacity 100 Yards No. 5 Line, Size of Spool 3 Inches Diameter, $\frac{3}{4}$ Inch Wide, Weight Each About 11 Oz. \$54.00

This Reel has an exclusive feature in a Safety Winding Device which allows the spring to be wound up at any time when line is in or out by turning the Milled Spring Box without danger of over-winding.

Spool has Friction Release, allowing stripping of spool under all conditions. Spool is fitted with a speed governor, which so regulates the speed with which the line is recovered, as to lessen the danger to tips, caused by a too rapid recovery of the line.

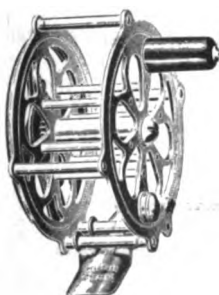
ROUND PATTERN TROUT REEL



The "One Piece" Perforated Back Plate is a Decided Improvement Over All Former Construction—Adds Greatly to the Strength and Decreases the Weight of the Reel. Perforated Removable Spool, Steel Axle, Adjustable Back Sliding Tempered Steel Click, Hard Rubber Handle. To Oil the Axle and Click Ratchet, Remove the Axle Screw with a One or Ten Cent Piece.

No. 555—100 Yards Capacity, Satin Gun Metal Finish, $1\frac{1}{4}$ inch Pillar, $3\frac{1}{2}$ inch Disc, Single Action. \$36.00

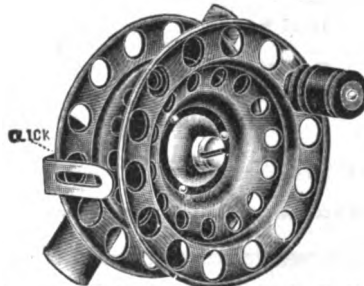
PROGRESS



Light Weight, One Piece Perforated Back Plate, Removable Spool, Steel Axle, Adjustable Back Sliding Tempered Steel Click, Hard Rubber Handle.

No. 1160—60 Yards, Satin Gun Metal Finish \$18.00
No. 1180—80 Yards, Satin Gun Metal Finish 20.40

GEM



Brass, Nickel Plated and Polished, Chased Handle, Large Open Spool, Sliding Click, Spool Can be Removed by Loosening One Screw. Adapted for Fly Casting.

No. 60M—Capacity 60 Yards. \$9.60
The Gem Reel is particularly adapted for fly casting, or whipping, its advantage being in its extreme light weight and free running qualities.

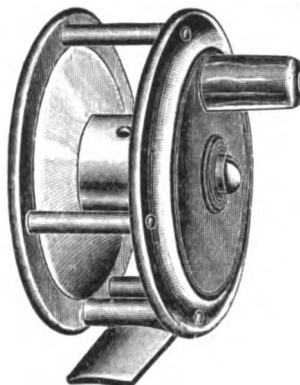
GOLDEN WEST FLY CASTING REEL



Single Action.

Made of Finest Quality German Silver, Satin Finished, Hard Rubber Discs Interleaved with Aluminum Metal. Line Shedding Oil Cup on Back Plate. Line Shedding Adjustable Back Sliding Click. Flush Crank Balanced. Pyralin Rubber Handle. Steel Pivots. Steel Ratchet. Steel Click Tongue. Steel Click Spring.

No. 1360— $2\frac{1}{2}$ Inch Disc, $\frac{3}{4}$ Inch Pillar, 60 Yards Capacity \$84.00
Packed One Reel in a Handsome Velvet Lined Jewelers' Display Case, with a Marvel Oil Can Enclosed.



GENUINE ENGLISH TROUT

Aluminum Spool and Frame with Gun Metal Discs, Click, Black Horn Handle and Solid Gun Metal Cross Plate. A Very Strong and Durable Reel, Yet Light in Weight. Put up One in a Fine Brown Leather Bag.

No. 1300—3 inch Discs, 80 Yards Capacity \$66.00



MEISSELBACH RAINBOW TROUT

Hard Alloy Aluminum Frame and Spool, Gun Metal Finish. The Spring, Tongues and Bridges are of Highest Finish, are Hardened and Tempered. Click Spring is Strong when the Fish Strikes and Line is Running Out. Very Light when Reeling. Easily Taken Apart for Cleaning and Oiling. Very Light and Strong.

No. 900—Capacity 60 Yards, $2\frac{1}{4}$ inch Discs, 1 inch Wide, for Bass and Trout Fishing \$84.00

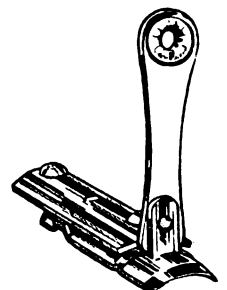
GEM SELF WINDER

Automatic Spooler for Reel, indispensable to every angler.

Winds and spools your line. Attached to any ordinary reel by drilling two holes into reel seat to correspond with the two round head screws on top piece of winder.

You cast in the ordinary way—then simply turn your reel handle; the winder does the rest. No more snarls.

How to Operate—Press the handle slightly towards the reel when winding. Keep joints oiled.
No. 10—Full Nickel Plated, Complete with Screws \$24.00





FISHING RODS

LONG FISHING POLES

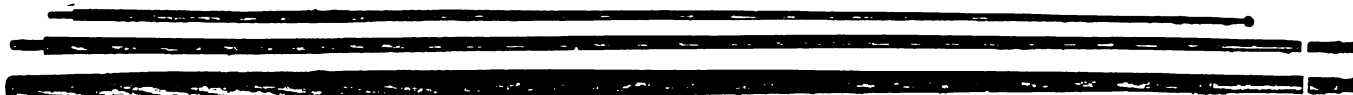


Japanese Bamboo, Light Yellow Color, Heavy Butt, Sun Dried.

Nos.	12	14	16	18	20	22
Length, Feet	12	14	16	18	20	22
Weight Per Bundle, Lbs.	56	82	75	80	95	110
In Full Bundles	Per 100,	\$5.00	6.00	9.50	12.50	15.00
Less than Full Bundles	Per 100,	5.50	7.50	11.00	14.00	17.00
						24.00

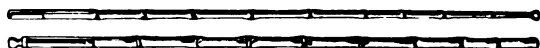
Nos. 12 to 14, One Hundred; Nos. 16 to 22, Fifty in a Bundle.

JOINTED WOOD BAIT



No. 11—Three Piece Ash, Stained Dark and Varnished, Single Brass Ferrules, Length 10 Feet..... **Per Dozen \$2.20**
 One-twelfth Dozen in a Paper Bag.

JAPANESE BAMBOO, BAIT

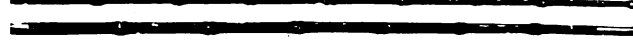


TWO PIECE, Double Ferrules, Rings and Wire Tip.

Per Dozen

No. 28—Plain, Length 8 to 10 Feet, Approx. Weight
 Per Dozen 5 ¼ Lbs..... **\$2.70**

No. 288—With Reel Bands and Butt Cap, Length 7 to
 9 Feet, Approx. Weight Per Dozen 5 ½ Lbs..... **4.00**



THREE PIECE, Double Ferrules, Rings and Wire Tips.

Per Dozen

No. 129—Plain, Length 12 Feet, Approx. Weight Per
 Dozen 12 Lbs..... **\$ 5.00**

No. 29—Same as No. 129, but 13 to 15 Feet Long... **6.00**

No. 30—With Reel Bands and Butt Cap, Length 12 to
 14 Feet, Approx. Weight Per Dozen 14 Lbs..... **10.00**

JOINTED CALCUTTA BAMBOO, BAIT

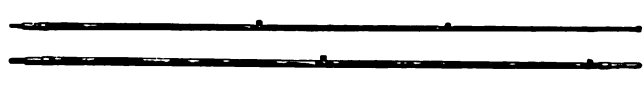


FOUR PIECE, Double Ferrules, Rings and Wire Tip.

Per Dozen

No. 31—Plain, Length 14 to 17 Feet..... **\$13.00**

No. 32—With Reel Band and Butt Cap, Length 17 Feet **16.80**



THREE PIECE, Nickel Plated Mountings, Solid Metal Reel
 Seat, Tie Guides, Funnel Tip, Finely Mottled.

Per Dozen

No. 048—With Enameled Grip, Lengths 9 and 9 ½
 Feet **\$13.00**

No. 035—With Cork Grip and Finely Wound in Red
 Between Joints, Length 10 ½ Feet..... **16.80**



FOUR PIECE, Nickel Plated Mountings, Solid Metal Reel Seat,
 Tie Guides, Funnel Tip, Cork Grip.

Per Dozen

No. 045—Plain, Length 10 ½ Feet..... **\$18.00**

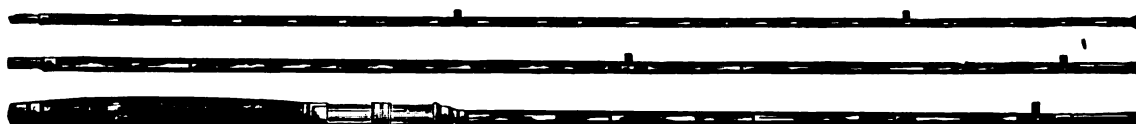
No. 042—Two Piece, Raised Tie Guides, Solid Nickel
 Plated Reel Seat, Nickel Plated Ferrules, Scored

Per Dozen

Grasp **\$10.00**

All Above, One in a Paper Bag.

HEXAGONAL SPLIT BAMBOO, BAIT



Hexagonal Split Bamboo, Six Strips, Three Pieces, No Extra Tip, Full Nickel Plated Mountings, Solid Metal Reel Seat and
 Metal Plugs, Silk Wound Spiral Guides and Silk Wound at Intervals, Cork Grip, Finely Varnished,
 Assorted from 8 to 10 ½ Feet Long, Varying 6 Inches Between Lengths.

Per Dozen

No. 62 ¼ B—8 to 9 ½ Feet Long..... **\$15.00**

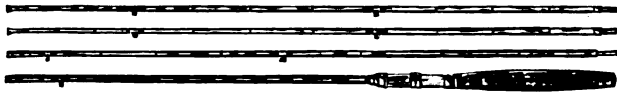
No. 62 ½ B—Same as No. 62 ¼ B, but 10 and 10 ½ Feet Long..... **17.50**

No. 63 ¼ B—Same as No. 62 ¼ B, but 11 Feet Long..... **18.00**

One in a Cloth Bag.

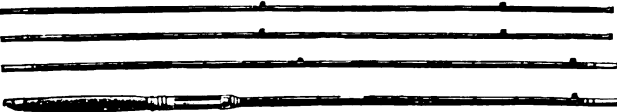


BAIT RODS

**Six Strip Split and Glued Bamboo, Nickel Plated Mountings.**

Three Piece, with Extra Tip, Solid Metal Reel Seat Above Hand, Silk Wound Spiral Guides, One Ringed Tip, Wrapped Alternately with Red and Green Silk, Cork Grasp, Lengths 8 to 10 ½ Feet.

Per Dozen
 No. 62B—8 to 9 Feet Long.....\$18.00
 No. 63B—Same as No. 62B, but 10 and 10 ½ Feet Long 21.00

**Six Strip Split and Glued Bamboo, Nickel Plated Mountings.**

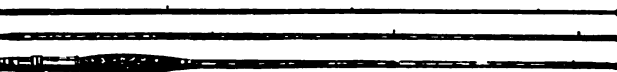
Per Dozen
 No. 68B—Three Piece, with Extra Tip, Solid Metal Reel Seat Above Hand, Capped Ferrules, Cluster Wrappings of Red and Black Silk, Silk Wound Snake Guides, Funnel Tip, Cork Grasp, in Covered Wood Form and Cloth Bag.
 Lengths 9 and 9 ½ Feet.....\$27.00
 Lengths 10 and 10 ½ Feet.....30.00

**Six Strip Split and Glued Bamboo, Nickel Plated Mountings.**

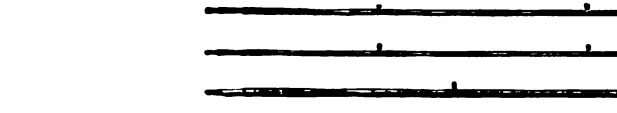
Per Dozen
 No. 70B—Three Piece and Extra Tip, Cane Grip, Made from Fancy Mottled Bamboo, Full Nickel Plated Mountings, Solid Metal Reel Plate Above the Hand, Improved and Welled Ferrules, Silk Wound Tie Guides and Fancy Cluster Windings of Green, Scarlet and Garnet Silk, Finely Varnished and Put up in a Covered Wood Form and Cloth Bag.
 Length 9 ½ Feet.....\$42.00
 Lengths 10 and 10 ½ Feet.....48.00



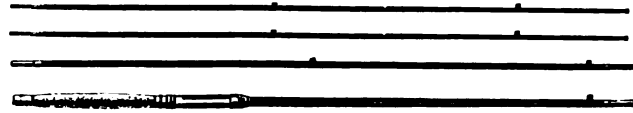
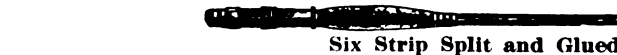
SPLIT BAMBOO, FLY

**Six Strip Split and Glued Bamboo, Nickel Plated Mountings.**

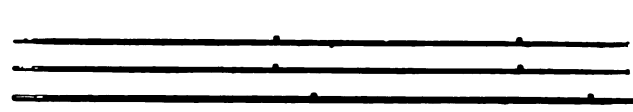
Per Dozen
 No. 64½F—Three Piece, No Extra Tip, Solid Metal Reel Seat Below Hand, Ringed Tip, Silk Wound Snake Guides, Wound at Intervals, Finely Varnished, Cork Grip.
 Lengths 9 and 9 ½ Feet.....\$15.00
 Length 10 Feet.....17.50
 One in a Cloth Bag.

**Six Strip Split and Glued Bamboo, Nickel Plated Mountings.**

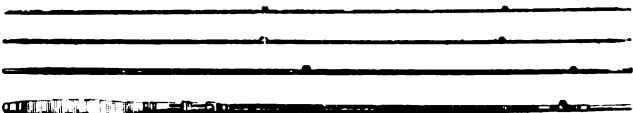
Per Dozen
 No. 10F—Three Pieces and Extra Tip, Cork Grip, Capped Ferrules, Solid Metal Reel Seat Below the Hand, Silk Wound Snake Guides and Wound at Intervals with Two Colors of Silk, Finely Varnished and Put up in a Covered Wood Form and Cloth Bag, Lengths 9 ½ and 10 Feet.
 Length 9 ½ Feet.....\$27.00
 Length 10 Feet.....30.00

**Six Strip Split and Glued Bamboo, Nickel Plated Mountings.**

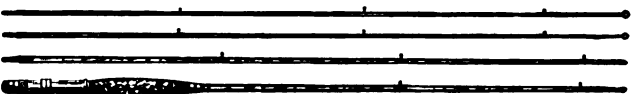
Per Dozen
 No. 98B—Three Piece, with Extra Tip, Solid Metal Reel Seat Above Hand, Capped Ferrules, Two Color Silk Wrapping, Snake Guides, Funnel Top, Cork Grip, One in a Covered Wood Form and Cloth Bag, Lengths 9 and 9 ½ Feet.....\$24.00

**Six Strip Split and Glued Bamboo, Nickel Plated Mountings.**

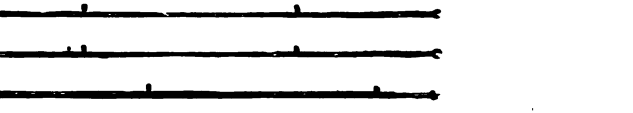
Per Dozen
 No. 78B—Three Piece and Extra Tip, Cork Grip, Full Nickel Plated Mountings, Solid Metal Reel Plate Above the Hand, Improved and Welled Ferrules, Standing Guides, Funnel Tops, Closely Wrapped in Two Colors, Finely Varnished and Put up in a Covered Wood Form and Cloth Bag, Lengths 9 and 9 ½ Feet.....\$36.00



Per Dozen
 No. 72B—Three Pieces and Extra Tip, Six Strip, Split Bamboo, German Silver Mountings, Solid Metal Reel Plate Above the Hand, Improved and Welled Ferrules, Silk Wound Snake Guides and Fancy Spiral Silk Windings Very Close Together, Cork Grip, Lengths from 9 to 10 ½ Feet.....\$48.00

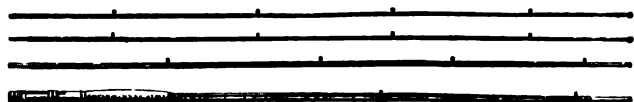
**Six Strip Split and Glued Bamboo, Nickel Plated Mountings.**

Per Dozen
 No. 64F—Three Piece, with Extra Tip, Solid Reel Seat Below Hand, Ringed Tip, Wrapped with Silk, Silk Wound Snake Guides, Cork Grasp, Lengths 9 ½ to 10 ½ Feet, in Wood Form and Cloth Bag.
 Length 9 ½ Feet.....\$19.20
 Lengths 10 and 10 ½ Feet.....22.00





HEXAGONAL SPLIT BAMBOO

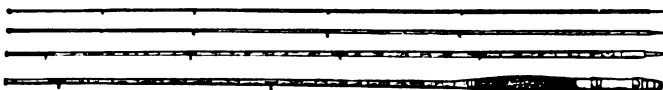


Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Per Dozen

- No. 71F—Three Piece, with Extra Tip, Solid Reel Seat Below Hand, Improved Weltd Ferrules, Finely Mottled, Closely Wrapped with Three Colors Silk, Silk Wound Snake Guides, Cork Grasp, Lengths 9, 9½ and 10 Feet, in Covered Wood Form and Cloth Bag, Approximate Weight Each 6 Oz. \$43.20

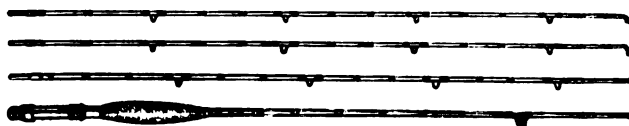
SPLIT BAMBOO, FLY



Per Dozen

- No. 154F—Three Pieces and Extra Tip, Cork Grip, Full Nickel Plated Mountings, Solid Metal Reel Plate Below the Hand, Improved Ferrules, Weltd, Silk Wound German Silver Snake Guides and Fly Tops, Fancy Cluster Windings of Scarlet and Jasper Silk, Finely Finished and Put up in a Flannel Covered Form and Cloth Bag, Length 8½ Feet, Weight About 5 Oz. Each. \$72.00

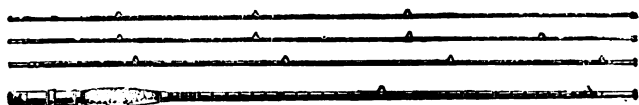
LIGHT WEIGHT SPLIT BAMBOO FLY



Per Dozen

- No. 375F—Three Pieces and Extra Tip, Solid Cork Grip, Solid Metal Reel Seat Below Hand, Improved Ferrules, Weltd, Silk Wound German Agate First Guide on Butt and Agate Top, Balance of Guides German Silver Snake Guides, Full Nickel Plated Mountings, Broad Wrappings of Scarlet and Black Silk, a Finely Finished and Very Attractive Rod, Lengths 9 and 9½ Feet, Weight 4½ to 5 Oz. \$90.00
One on a Velvet Covered Form in a Canvas Bag.

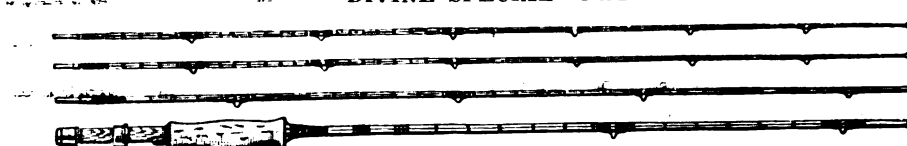
LIGHT WEIGHT SPLIT BAMBOO



Per Dozen

- No. 132½F—Three Pieces and Extra Tip, Solid Cork Grip, Full Bronzed Mountings, Solid Metal Reel Plate Below the Hand, Improved Ferrules, Weltd, Silk Wound Bronzed Steel Snake Guides and Fly Tops, Very closely Wrapped with Scarlet and Orange Silk, Finely Finished and Put up in a Velvet Covered Form and Canvas Bag, Length 8½ Feet, Weight About 5 Oz. Each. \$96.00

"DIVINE SPECIAL" FLY



Per Dozen

- No. 2—Three Pieces and Extra Tip, Carefully Selected Six Strip Split Calcutta Bamboo, German Silver Mountings, Ser-rated Ferrules, Reel Seat Below the Hand, Silk Wound at Intervals with Best Quality Imported Silk, Imported German Silver Snake Guides, Cork Grip, Shaped Convenient to the Hand, Length 9½ Feet, Weight 4½ Oz. \$300.00
One on a Velvet Covered Wood Form in Flannel Lined Canvas Bag.

FLY RODS

LIGHT SPLIT BAMBOO FLY

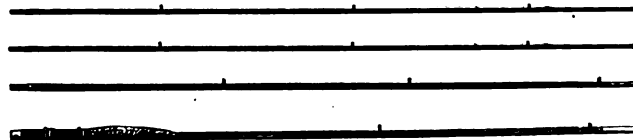


For Brush Fishing

Per Dozen

- No. 175F—Two Pieces and Extra Tip, Cork Grip, Full Nickel Plated Mountings, Solid Metal Reel Plate Below the Hand, Improved Ferrule, Weltd, Silk Wound German Silver Snake Guides and Closely Wrapped with Red and Black Silk, Finely Varnished and Put up in a Flannel Covered Form and Cloth Bag, Length 6½ Feet, Weight 4 Oz. \$44.40

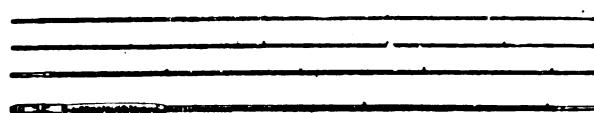
LIGHT WEIGHT SPLIT BAMBOO FLY



Per Dozen

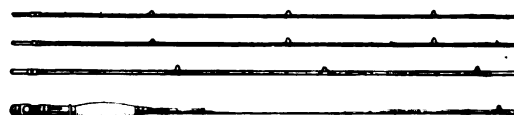
- No. 300F—Three Pieces and Extra Tip, Made from Fine Selected Cane, Red Cedar Grip, Covered with Cork, Full Nickel Plated Mountings, Reel Bands Instead of Solid Metal Reel Plate, Silk Wound German Silver Snake Guides and Wrapped at Close Intervals with Black and Light Green Silk, Finely Varnished and Put up in a Flannel Covered Form and Cloth Bag, Length 8½ Feet, Weight 4 to 4½ Oz. \$80.40
One on a Velvet Covered Form.

LIGHT WEIGHT ROUND SPLIT BAMBOO FLY



Per Dozen

- No. 834F—Three Pieces and Extra Tip, Cork Grip, Made from Selected Cane, Six Sections V'd and Cemented Together in a Way that Makes the Rod Perfectly Round, Full Nickel Plated Mountings, Solid Metal Reel Plate Below the Hand, Improved Ferrules, Weltd, Silk Wound German Silver Snake Guides and Fly Tops, Very Closely Wound with Scarlet and Black Silk, Finely Finished and Put up in a Velvet Covered Form and Canvas Bag, Length 8½ Feet, Weight About 5 to 6 Oz. Each. \$90.00
LANCEWOOD FLY

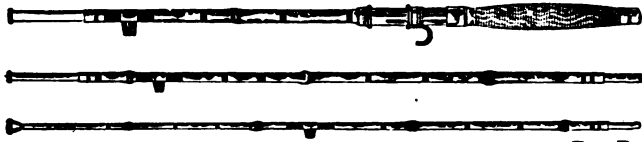


Per Dozen

- No. 73F—Three Pieces and Extra Tip, Highest Quality Lancewood, Mahogany Finish, Full Nickel Plated Mountings, Solid Metal Reel Seat Below the Hand, Weltd Ferrules, Silk Wound German Silver Snake Guides, Closely Wound with Clusters of Black and Red Silk, Cork Grip, Lengths 9 to 10½ Feet, Weight 6 to 8 Oz., a Very Fine Rod. \$48.00
One on a Flannel Covered Wood Form and Cloth Bag.



JAPANESE BAMBOO, CASTING

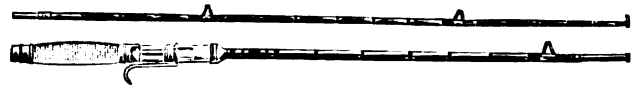


- No. 15C—Three Piece, Solid Reel Seat Above Hand, Finger Hook, Large Wire Guide, Large Casting Top, Cork Grip, Nickel Plated Mountings, 5 Foot Length Only\$15.00

Per Dozen



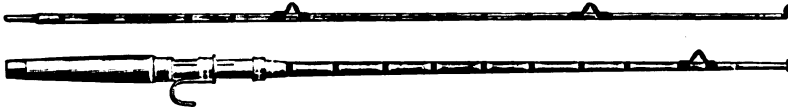
SPLIT BAMBOO, CASTING



- No. 25C—Two Piece, Solid Reel Seat Above Hand, Finger Hook, Large Wire Guide, Large Casting Top, Cork Grips, Nickel Plated Mountings, 5 Foot Length Only\$17.00

Per Dozen

TWO PIECE BAIT CASTING RODS



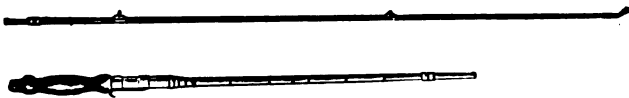
- No. 85C—Two Pieces, Good Quality Split Bamboo Tip, Lancewood Butt, Nickel Plated Reel Seat Above the Hand, with Finger Hook, File-Proof Metal Guides and Tip, Improved Welled Ferrule, Well Wrapped with Silk Windings in Two Colors, Polished Maple Grip, Length 5 Feet, Weight 6 1/2 Oz., 35 Inch Tip Joint and Short Butt Joint.....\$19.20

Per Dozen

- No. H35—Two Piece, Extra Quality Lancewood, German Silver Mountings, Solid Metal Reel Seat, Trumpet Guides Fastened with Soldered German Wire, Large Ring Top, Fancy Cluster Winding of Green and Red Silk, Double Cork Wound Grip with Finger Hook, Lengths 5, 5 1/2 and 6 Feet....\$16.20

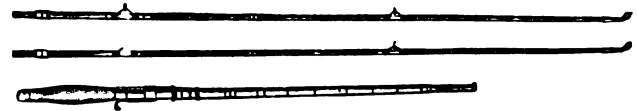
Per Dozen

HEDDON'S "DOWAGIAC" BAIT CASTING



- No. 1 1/2—Good Quality Split Bamboo Tip and Butt, with Polished Maple Handle, Nickeled Reel Seat with Hood at Rear and Trigger on Band. All Guides File-Proof Metal, Improved Extra Heavy German Silver Welled Ferrule, Well Wrapped with Silk Windings in Two Colors, Put up in Partitioned Cloth Bag, Furnished in 5 Foot Length Only, Weight 5 1/2 Oz.....\$24.00
- No. 2—Same as Above, but with Crystal Agate Top... \$2.00

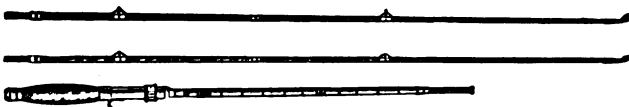
Per Dozen



- No. 2 1/2—Good Quality Split Bamboo Tip, with Extra Tip, Split Bamboo Butt with Solid Cork Grip and Forward Grip, Bamboo Extending Through to Butt Cap, Nickeled Reel Seat with Hood at Rear and Trigger on Band, All Guides File-Proof Metal, Crystal Agate Top on One Tip, Improved Welled German Silver Ferrule, Nicely Wrapped with Silk Windings in Two Colors, Put up in Partitioned Cloth Bag, 5 Foot Length, Weight 5 3/4 Oz.....\$54.00

Per Dozen

"JIM HEDDON'S FAVORITE"



- No. 4—Fine Quality Split Bamboo Tips, Two Tips, with Split Bamboo Butt Joint and Solid Cork Grip and Forward Grip, Bamboo Extending Entirely Through to Butt Cap, Extra Heavy Nickeled Reel Seat with Hood and Trigger at Rear and Heddon Locking Reel Band, Both Tips have Crystal Agate First Guides, Improved Welled German Silver Ferrule, Well Wrapped with Silk Windings in Three Colors, Put up in Partitioned Cloth Bag, Furnished in Lengths of 5 Feet, Weight 5 3/4 Oz.....\$80.00

Per Dozen

- No. 6—Selected Split Bamboo Tip, with Extra Tip, Selected Split Bamboo Butt Joint, with Solid Satin Cork Grip of Special Heddon Design, and Forward Grip, Extra Heavy Nickeled Reel Seat with Hood at Rear and Heddon Locking Reel Band, Tips have Agate First Guide and Agate Tops, Other Guides File-Proof Metal, Improved Welled German Silver Ferrule and All Metal Handsomely Ornamented, Closely Wound with Silk Windings in Three Colors, Put up in Partition Canvas Bag, Furnished in Lengths of 5 Feet, Weight 5 3/4 Oz...\$120.00

Per Dozen

NEPTUNE MUSKIE ROD



For Trolling or Casting.

- No. 6TC—Muskie Rod, Two Pieces, One Tip Only, Double Cord Wound Grips, Full Nickel Plated Mountings, Solid Metal Reel Plate, Heavy Welled Ferrule, Reinforced, Silk Wound German Silver Trumpet Guides and Genuine Stirrup Agate Top, Broad Wrappings of Scarlet and Jasper Silk, Finely Varnished and Put up in a Partition Canvas Bag, Length 6 Feet.....\$84.00

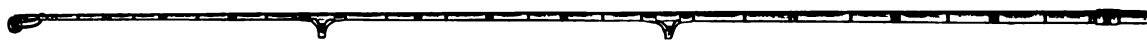
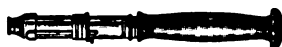
Per Dozen



CASTING RODS

"NEPTUNE SPECIAL"

Strictly Hand Made.



- Per Dozen
- No. 1S—Entire Length 4 ½ feet, Length of Tip 42 inches, Length of Handle 12 inches, Large Agate Guides with Special Agate Casting Top, Two Piece Lancewood, Weight 8 ½ oz., Suitable for Muscallonge or Bass Fishing.....\$120.00
- No. 3S—Entire Length 4 ½ feet, Same as No. 1S, but Lighter Rod, Weight 6 ½ Oz., Suitable for Bass Fishing..... 120.00
- No. 5S—Entire Length 4 ½ feet, Same as No. 1S, but with Large German Silver Kalamazoo Guides and Top in Place of Agate 84.00
- No. 2½S—Entire Length 4 ½ feet, Attractively Striped in Two Colors, Large One Ring German Silver Guides, Wire Wound and Soldered, Special Agate Offset Casting Top, Maple Handle, Nickel Mountings..... 60.00

Neptune Special Casting Rods are made with a long one-piece Tip which, when put to test, has a natural, easy curve the entire length, thus equally distributing all strains. Jointed Rods do not have this elasticity and therefore invariably break where the wood joins the ferrule. Our Neptune Rods are strictly Hand Made by an expert rod man and only the best of everything is used in their construction. Made of the finest quality lancewood, wound with two colors of silk, red and black or yellow and black. Very carefully wound and varnished with two coats of special varnish, which will not chip off. All trimmings are German Silver. Reel Seat has a patent reel holding feature. Special Hand Made Grooved Maple Grip with Body Rest. With ordinary care this rod will last a lifetime. One in a velvet cover.

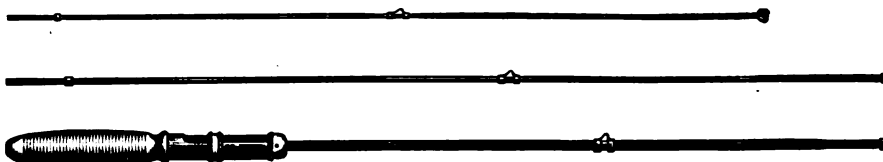
HAND MADE ENGLISH CASTING



- Per Dozen
- No. 1500—5 foot Two Piece Select Quality Split Bamboo, Closely Whipped Agate Guides Throughout, Double Cork Grip, Solid Rubber Body Rest, Ferrule Fitted with Patented Lock Joint, Gun Metal Trimmings Throughout, the Acme of Style, Finish and Perfect Action.....\$408.00

VIM STEEL ROD

Not Guaranteed.



Green Enameled, Two Joints and Butt, Black Enameled Scored Wood Grip, Nickel Plated Reel Bands Above the Hand, Snake Guides, Three Ring Top. It is a Strictly Competition Rod and Not Warranted.

- Per Dozen
- No. V4½—4 ½ foot Casting Rod\$12.00
- No. V5—5 foot Casting Rod 12.00
- No. V9—9 foot Bait Rod 12.00

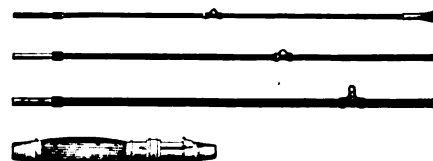
SUNNY BROOK STEEL FISH RODS

Not Guaranteed.

JOINTED BAIT



JOINTED BAIT



Three Joints and Butt, Black Enameled, Cork Grip, Nickel Plated Reel Seat Above the Hand, German Silver Snake Guides, Three Ring Top.

Nos.	BB4	BB46	BB5	BB8	BB9
Lengths, Feet	4	4 ½	5	8	9
Per Dozen	\$14.00	14.00	14.00	14.00	14.00

Three Joints and Butt, Black Enameled, Cork Grip, Nickel Plated Reel Seat Above Hand, German Silver Snake Guides with Crystallized Agate First Guide and Agate Top.

No.	BB9G—9 feet Long
Per Dozen	\$21.00

All Above Steel Rods, One in a Partitioned Cloth Bag.

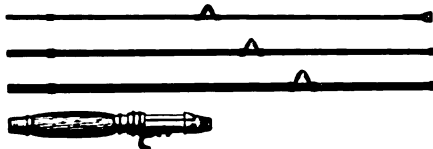


SUNNY BROOK STEEL RODS

NOT GUARANTEED



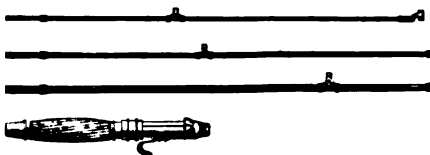
JOINTED BAIT CASTING



Three Joints and Butt, Black Enameled, Cork Grip, Nickel
Plated Reel Seat Above the Hand, Extra Large Two
Ring German Silver Guides, Extra Large 3
Ring Casting Top, with Finger Hook.

Nos.	BBC46R	BBC5R
Length, Feet	4 1/2	5
Per Dozen	\$16.00	16.00

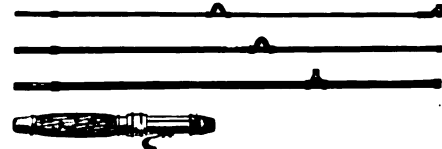
JOINTED CASTING



Three Joints and Butt, Black Enameled, Cork Grip, Nickel
Plated Reel Seat Above the Hand, Large Crystallized
Agate Casting Guides and Top, with Finger Hook.

Nos.	BBC46GG	BBC5GG
Length, Feet	4 1/2	5
Per Dozen	\$30.00	30.00

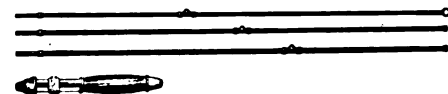
JOINTED BAIT CASTING



Three Joints and Butt, Black Enameled, Cork Grip, Nickel
Plated Reel Seat Above the Hand, Large German Silver
Kalamazoo Casting Guides with Large Crystallized
Agate First Guides and Top with Finger Hook.

Nos.	BBC46G	BBC5G
Length, Feet	4 1/2	5
Per Dozen	\$24.00	24.00

JOINTED FLY



Three Joints and Butt, Black Enameled, Cork Grip, Nickel
Plated Reel Seat Below the Hand, Snake Guides
and One Ring Fly Top.

No.	BF9
Length, Feet	9
Per Dozen	\$15.00

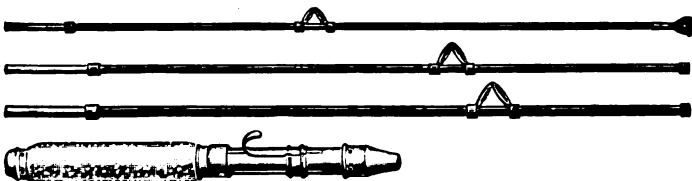
SAMSON STEEL FISHING RODS

NOT GUARANTEED

The Samson Steel Fishing Rods are not guaranteed, and all repairs and replacements will be charged for. These Rods are carefully made, carefully inspected, carefully tested to maximum limit. Every effort will be made to keep the quality to the highest point of perfection.

These Rods are regularly made with cork handles, nickel plated trimmings on the butts, and reel seat either above or below the handle, as described. The Rod proper is finished in a dead black enamel, in order as far as possible not to reflect light, which is a recognized advantage. The trimmings of the Rods are nickel plated. The best of material is used, and great care is taken in the finish of these Rods.

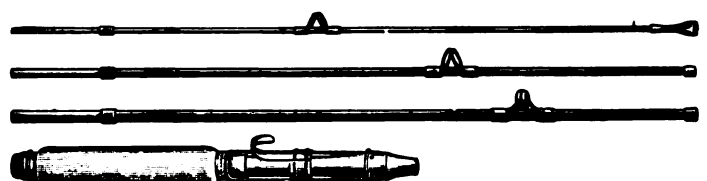
JOINTED BAIT CASTING



Three Joints and Butt, Cork Grip, Nickel Plated Reel Seat
Above the Hand, Extra Large Two Ring German
Silver Guides, Large Three Ring Casting
Top, with Finger Hook.

Nos.	BC4R	BC46R	BC5R	BC56R
Length, Feet	4	4 1/2	5	5 1/2
Per Dozen	\$25.00	25.00	25.00	25.00

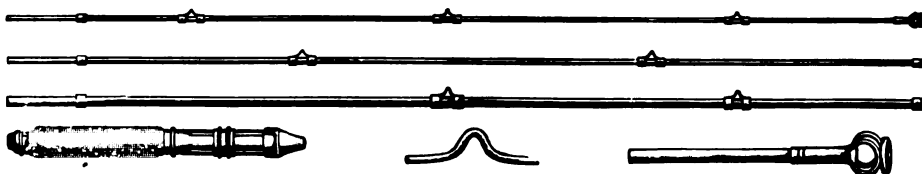
JOINTED BAIT CASTING



Three Joints and Butt, Cork Grip, Nickel Plated Reel Seat
Above Hand, Extra Large Agate First Guide, German
Silver Mounted, Large Casting Guide, Extra Large
Agate Top, with Finger Hook.

Nos.	BC4A	BC46A	BC5A	BC56A
Length, Feet	4	4 1/2	5	5 1/2
Per Dozen	\$39.00	39.00	39.00	39.00

JOINTED BAIT



Three Joints and Butt, Cork Grip, Nickel Plated Reel Seat Above the Hand, Snake Guides, Three Ring Top.

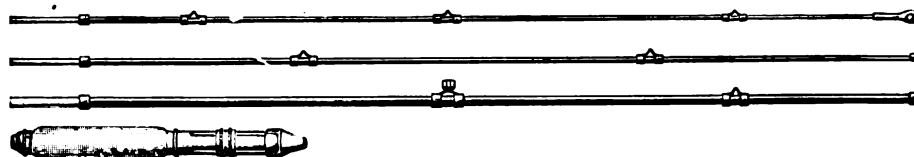
Nos.	B4	B46	B5	B56	B7	B8	B86	B9	B96	B10
Length, Feet	4	4 1/2	5	5 1/2	7	8	8 1/2	9	9 1/2	10
Per Dozen	\$21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00

All Above, One in a Partitioned Cloth Case.



SAMSON STEEL FISHING RODS

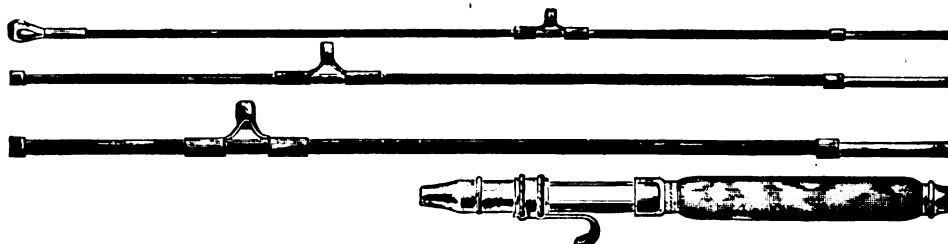
JOINTED BAIT RODS



Three Joints and Butt, Cork Grip, Nickel Plated Seat Above the Hand, Two Ring Standing Guides, Agate Guide on First Joint and Agate Top.

Nos.	B86A
Length, Feet	8 1/2
Per Dozen	\$34.80

JOINTED CASTING

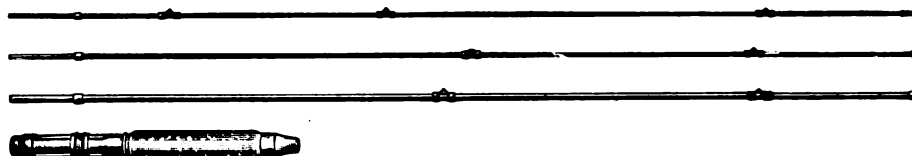


Full Agate Mounted.

Three Joints and Butt, Cork Grip, Nickel Plated Reel Seat Above the Hand, Extra Large Special Agate Casting Guides, Extra Large Agate Top, German Silver Mounted, with Finger Hook.

Nos.	BC4AA	BC46AA	BC5AA
Length, Feet	4	4 1/2	5
Per Dozen	\$48.00	48.00	48.00

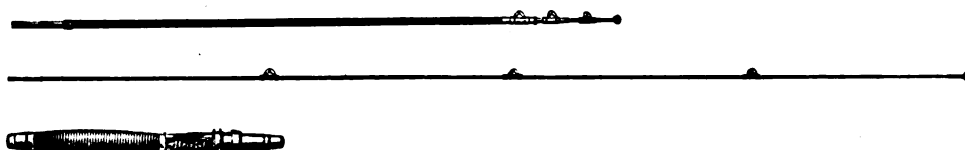
JOINTED FLY



Three Joints and Butt, Cork Grip, Nickel Plated Reel Seat Below the Hand, German Silver Snake Guides and One Ring Fly Top.

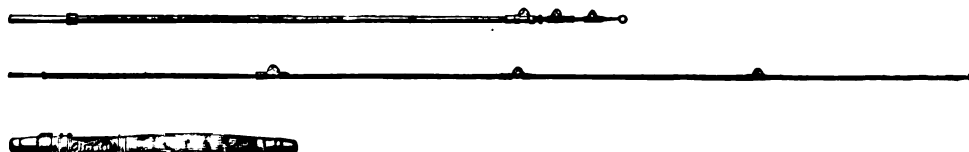
Nos.	F86	F9	F96	F10
Length, Feet	8 1/2	9	9 1/2	10
Per Dozen	\$28.00	28.00	28.00	28.00

BRISTOL STEEL TELESCOPE RODS



This Rod is very durable and serviceable and in addition hangs unusually well. Joints locked in place by a very ingenious arrangement of the guides. The guides are detachable and interchangeable, and Rod may be readily taken apart, if desired.

No. 35—Telescopic Bait Rod, 8 1/2 feet in Length when Fully Extended, when Telescoped 31 1/2 inches Long, Weight 9 1/2 oz., with Cork Reversible Handle, Adjustable to Any Length, 25 1/2 inch Joints, German Silver Two Ringed Tie Guides, with German Silver Three Ringed Tip, Can be Changed from a Bait to a Fly Rod by Reversing the Handle. \$83.28



No. 38—Telescopic Fly Rod, 9 feet Long when Fully Extended, 33 inches Long when Telescoped, 27 inch Joints, Weight 10 Oz., with Reversible Cork Handle, Adjustable to Any Length, German Silver Two Ringed Tie Guides, with German Silver One Ring Fly Tip, Can be Changed from Fly to Bait Rod by Reversing Handle. \$83.28

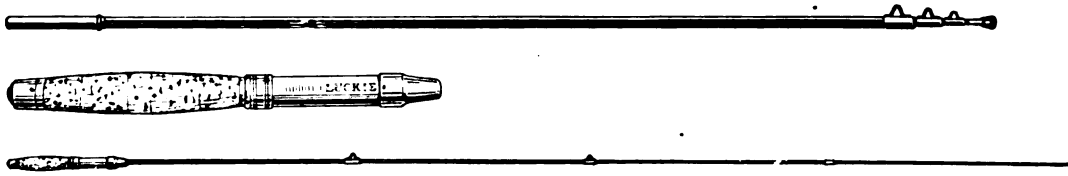
All Above, One in a Partitioned Cloth Bag.



TELESCOPIC STEEL RODS



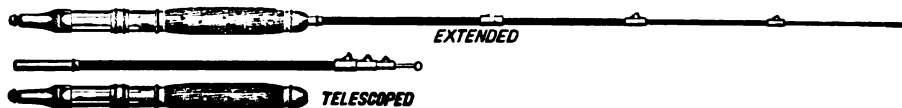
LUCKIE TELESCOPIC BAIT OR FLY



- Per Dozen
- No. 1008½—Bait Rod, 8½ feet Long, Patented Cork Reversible Handle, German Silver Two Ring Guides and Three Ring Tip, Locking Reel Band, Can be Telescoped to 26¾ inches\$38.40
- No. 1109—Fly Rod, 9 feet Long, Patented Cork Reversible Handle, German Silver Snake Guides and One Ring Top, Locking Reel Band, Can be Telescoped to 28 inches..... 38.40

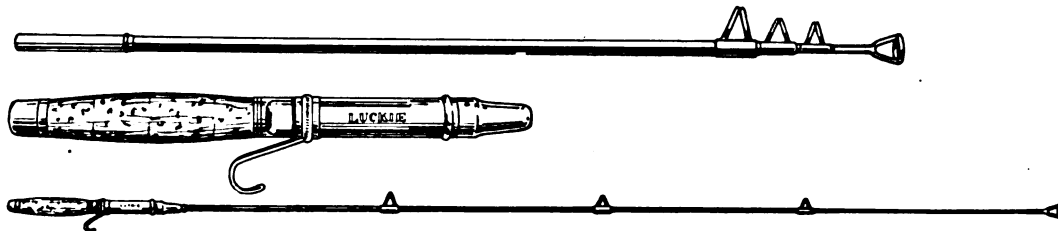
Note—Nos. 1008½ and 1109 Rods have Reversible Handle and can be changed from Bait to Fly Rod or Fly to Bait Rod.

EL COMPACTO TELESCOPIC FLY



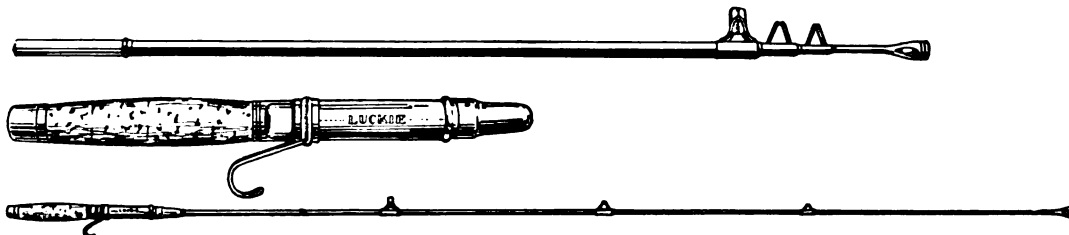
- Per Dozen
- No. 18T—Fly Rod, 9 feet Long, Reversible Cork Handle, German Silver Snake Guide and One Ring Top, Reel Lock, Nickel Plated Mountings, Telescoped to 39 inches with Handle, Can be Changed to Bait Rod by Reversing Handle...\$32.40

LUCKIE TELESCOPIC BAIT CASTING



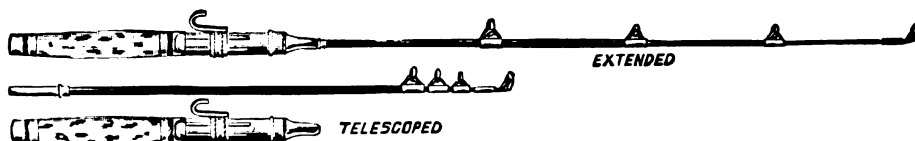
- Per Dozen
- No. 1205½—5½ feet Long, Cork Handle, Reel Lock and Finger Hook, Nickel Plated Mountings, Large Ring German Silver Casting Guides and German Silver Stirrup Tip, Length Telescoped 23½ inches.....\$54.00

LUCKIE TELESCOPIC BAIT CASTING



- Per Dozen
- No. 1405½—5½ feet Long when Extended, 23½ inches Long when Telescoped, Cork Grip Mountings, Detachable Finger Hook, Agate Casting First Guide and Agate Casting Tip, with Intermediate Polished German Silver Casting Guides\$79.20

EL COMPACTO TELESCOPIC BAIT CASTING



- Per Dozen
- No. 14T—5½ feet Long Extended, 30 inches Long Telescoped with Handle, Cork Grip, Reel Lock and Finger Hook, Nickel Plated Mountings, Full Agate Casting Guides and Offset Agate Casting Top.....\$84.00

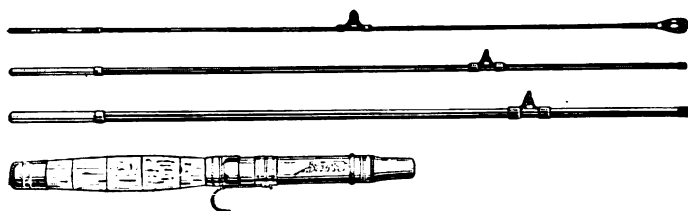
All Above, One in a Partitioned Cloth Bag.



BRISTOL STEEL FISHING RODS



BAIT CASTING

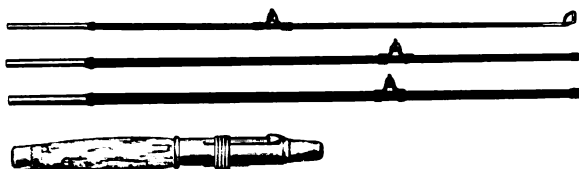


KALAMAZOO, Japanned, Nickel Plated Mountings.

Per Dozen

- No. 25—Three Piece, Solid Reel Seat Above Hand, Improved German Silver One Ring Raised Casting Guides, Solid Agate Tip, Cork Grasp with Detachable Finger Hook, Lengths 4½, 5 and 5½ feet, Weight About 8 to 8½ Oz. \$105.60

BAIT CASTING



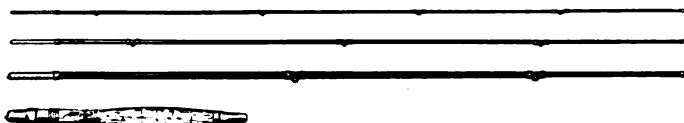
NEW STYLE, LIGHT WEIGHT, Japanned, Nickel Plated Mountings.

Per Dozen

- No. 28—Three Piece, Solid Reel Seat Above Hand, Improved German Silver Casting Guides, Special Light Offset Agate Casting Tips, Cork Grasp, Locking Reel Band, Lengths 5 and 5½ feet, Weight About 5 Oz. \$113.52

One in a Partition Cloth Bag.

FLY CASTING

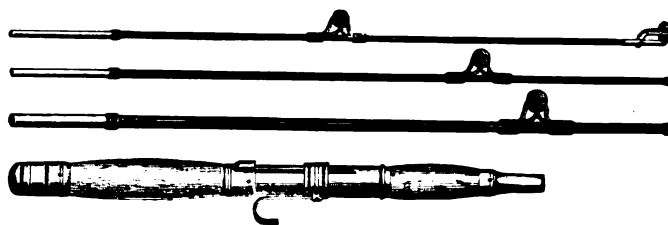


Japanned Nickel Plated Mountings, Solid Reel Seat Below Hand, German Silver Drop Ring Guides, One Ring Fly Tip, Locking Reel Band.

Per Dozen

- No. 94—Three Piece, Length 9 feet, Length of Joints 33 inches, Cork Grip, Weight Each About 8 Oz. \$98.40

BAIT CASTING



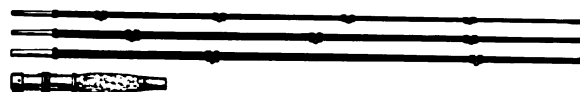
SPECIAL, Japanned, Nickel Plated Mountings.

Per Dozen

- No. 27—Three Piece, Solid Reel Seat, German Silver Mounted Agate Guides, Made High with Large Openings, German Silver Mounted Offset Style Tip, Double Cork Grasp with Detachable Finger Hook, Lengths 4½, 5 and 5½ feet, Weight Each About 9¼ Oz. \$166.32

One in a Partition Cloth Bag.

FLY CASTING



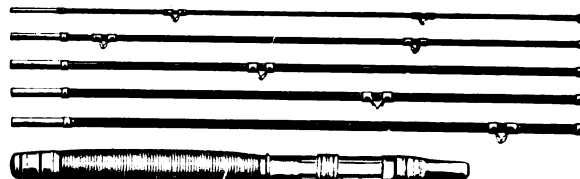
NEW STYLE, LIGHT WEIGHT, Japanned, Nickel Plated Mountings.

Per Dozen

- No. 29—Three Piece, Solid Reel Seat Below Hand, German Silver Snake Guides, One Ring Tip, Cork Grasp with Locking Reel Band, Length 8½ feet, Length of Joints 32 inches, Weight Each About 5½ Oz. \$98.40

One in a Partition Cloth Bag.

TRUNK, BAIT



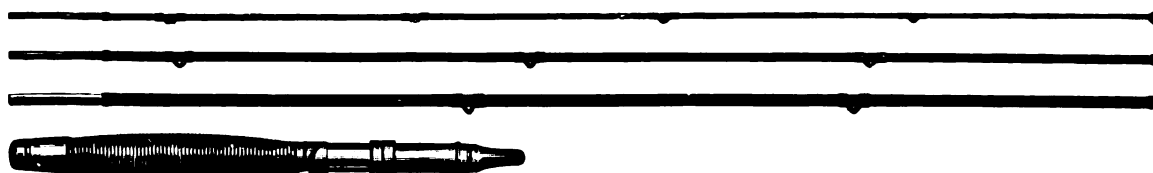
Japanned, Nickel Plated Mountings.

Per Dozen

- No. 23—Five Piece, Solid Reel Seat Above Hand, German Silver Two Ring Tie Guides, German Silver Three Ring Tips, Celluloid Grasp, Locking Reel Band, Length 7 feet 8 inches, Length of Joints 17¼ inches, Weight Each About 9½ Oz. \$114.00

One in a Partition Cloth Bag.

JOINTED BAIT



- No. 86—"Henshall," Three Joints and Handle, Black Enameled Handle Mountings, Nickel, Solid Metal Reel Seat Above Hand, Two Ring German Silver Tie Guides, German Silver Three Ring Tip, Celluloid Wound Grip, Length of Joints 32 inches, Length of Rod 8 feet 6 inches, Weight 10 Oz. \$75.60

ROD SUNDRIES



TROLLING TIPS



For Steel Rods.

- No. 040—Fitted with One German Silver Two Ring Guide and Large Size German Silver Three Ring Tip, Length 9 Inches Each \$1.60

Will Fit All Bristol Steel Rods.

STEEL ROD SHORTENERS



- No. 070—Steel Rod Shortener, Fits Any Jointed Steel Rod Each \$0.20

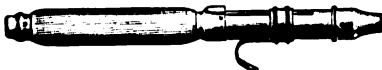
A Short Connecting Plug or Ferrule to Shorten Steel Rods by Eliminating the First Joint.

EXTRA HANDLES FOR BRISTOL RODS



- No. 080 —Cork Grip for Bristol Steel Bait or Casting Rods Each \$3.80
 No. 080½—Same as No. 080, but Celluloid Grip..... 3.00
 No. 090 —Cork Grip for Bristol Steel Trout Rods No. 29 4.00
 No. 0100 —Reversible Cork Grips for Bristol Steel Bait or Trout Rods No. 35..... 4.90
 No. 25 —Cork Grip with Finger Hook, for No. 25 Bristol Kalamazoo Casting Rod..... 4.00

EXTRA HANDLES FOR SUNNY BROOK STEEL RODS



Style of No. SBC.

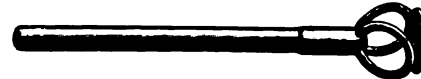
- No. SBC—Cork Grip, with Finger Hook, for Sunny Brook Casting Rods Each \$0.80
 No. SB—Cork Grip, without Finger Hook, for Sunny Brook Bait Rods70



Style of No. SF.

- No. SF—Cork Grip, with Reel Seat Below Hand, for Sunny Brook Fly Rods Each \$0.70

EMERGENCY TIPS



For Steel Rods.

- No. 050—German Silver, Three Ring Top, for Bristol Steel Rods Per Dozen \$2.00
 No. 060—German Silver, Three Ring Top, for Samson Steel Rods 1.50

To be Used in Case of Accident to the Regular Tip Joint, or in place of the Tip Joint to make a very Stiff Trolling Rod.

COLLER'S ROD GRIPS



- No. 10—Corrugated, Elastic Dark Gray Rubber, Size When on the Rod 1x2¼ Inches..... Per Dozen \$7.50

Will stretch to fit any Steel or Wood Bait Casting Rod; requires no glue or cement and can be placed on the rod in three seconds.

EXTRA HANDLES FOR SAMSON STEEL RODS



Style of No. BC.



Style of No. F.

- No. BC—Cork Grip, with Finger Hook, for Samson Steel Casting Rods Each \$0.90
 No. B—Cork Grip, without Finger Hook, for Samson Steel Bait Rods80
 No. F—Cork Grip, Reel Seat Below Hand, for Samson Fly Rods80

AUXILIARY HANDLE FOR SAMSON STEEL RODS



- No. A107—Cork Grip Auxiliary Handle, for Samson Rods... Each \$0.90

This Grip will make a Double Grip Handle when used with any of the Samson Rod Handles.

BODY RESTS

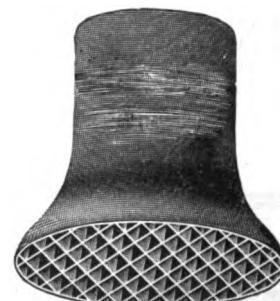


For Bristol Steel Rod Handles.

- No. 030—2¼ Inches Diameter, Hard Maple, Stained and Polished Each \$1.00

This Body Rest serves the double purpose of relieving the hands of some of the continuous strain incidental to playing "big game fish." It is attached to the Handle in place of the Screw Cap.

RUBBER BUTT PADS



Flexible.

- No. 2—Best Quality Rubber Per Dozen \$3.50
 "The Fat Man's Delight." It fits the contour of the body at any angle at which the rod may be held, and absolutely prevents the rod from slipping.

When Ordering, State for What Rod Intended.



STEEL ROD SUNDRIES

"BRISTOL" STEEL ROD TIPS



No. 10—For No. 94 Bristol Fly Rod	Each	\$2.50
No. 11—For No. 29 Bristol Fly Rod		2.50
No. 12—For No. 86 Bristol Bait Rod		1.70
No. 13—For No. 25 Bristol Casting Rod, 4 to 5½ ft., Specify Length of Rod when Ordering.....		3.00
No. 14—For No. 27 Bristol Casting Rod, 4 to 5½ ft., Specify Length of Rod when Ordering.....		4.90
No. 15—For No. 28 Bristol Casting Rod, 4 to 5½ ft., Specify Length of Rod when Ordering.....		3.70

"BRISTOL" STEEL ROD JOINTS

No. 20—For No. 94 Bristol Fly Rod, Butt or Middle Joints.....	Each	\$2.50
No. 21—For No. 29 Bristol Fly Rod, Butt or Middle Joints.....		2.50
No. 22—For No. 86 Bristol Bait Rod, Butt or Middle Joints.....		1.70
No. 23—For No. 25 Bristol Casting Rod, 4 to 5½ ft. Long, Butt or Middle Joints.....		2.00
No. 24—For No. 27 Bristol Casting Rod, 4 to 5½ ft. Long, Butt or Middle Joints.....		3.10
No. 25—For No. 28 Bristol Casting Rod, 4 to 5½ ft. Long, Butt or Middle Joints.....		2.00

Note—To Avoid Mistakes when Ordering Joints, Please State Length of Rod and whether Butt or Middle Joints are Wanted.

"SUNNYBROOK" STEEL ROD TIPS

No. 30—For Nos. BB4 to BB9 Sunnybrook Bait Rods.....	Each	\$0.50
No. 31—For No. BB9G Sunnybrook Bait Rods.....		.80
No. 32—For No. BF9 Sunnybrook Fly Rods.....		.60
No. 33—For Nos. BBC46R and BBC5R Sunnybrook Casting Rods .....		.60
No. 34—For Nos. BBC46G and BBC5G Sunnybrook Casting Rods .....		.80
No. 35—For Nos. BBC46GG and BBC5G Sunnybrook Casting Rods .....		.80

"SUNNYBROOK" STEEL ROD JOINTS

No. 40—For Nos. BB4 to BB9 Sunnybrook Bait Rods, Butt or Middle Joints.....	Each	\$0.50
No. 41—For No. BB9G Sunnybrook Bait Rods, Butt Joints.....		.80
No. 42—For No. BB9G Sunnybrook Bait Rods, Middle Joints.....		.50
No. 43—For No. BF9 Sunnybrook Fly Rods, Butt or Middle Joints .....		.60
No. 44—For Nos. BBC46R and BBC5R Sunnybrook Casting Rods, Butt or Middle Joints.....		.60
No. 45—For Nos. BBC46G and GMC5G Sunnybrook Casting Rods, Middle Joints .....		.60
No. 46—For Nos. BBC46G and BBC5G Sunnybrook Casting Rods, Butt Joints .....		.80
No. 47—For Nos. BBC46GG and BBC5GG Sunnybrook Casting Rods, Butt or Middle Joints.....		.80

Note—To Avoid Mistakes when Ordering Joints, Please State Length of Rod and whether Butt or Middle Joints are Wanted.

"SAMSON" ROD TIPS

No. 50—For Samson Steel Rods, Nos. B4 to B10 Samson Jointed Rods	Each	\$0.70
No. 51—For Samson Steel Rods, Nos. BC46A, BC5A Samson Jointed Casting Rods.....		1.70
No. 52—For Samson Steel Rods, No. B86A Samson Casting Rod		1.50
No. 53—For Samson Steel Rods, Nos. BC46AA, BC5AA Samson Casting Rods.....		2.50
No. 54—For Samson Steel Rods, Nos. BC4R, BC46R, BC5R, BC56R Samson Jointed Casting Rods.....		1.00
No. 55—For Samson Steel Rods, Nos. F86, F9, F96 and F10 Samson Jointed Fly Rods.....		.80

"SAMSON" STEEL ROD JOINTS

No. 60—For Samson Steel Rods, Nos. B4 to B10 Jointed Rods, Butt or Middle Joints.....	Each	\$0.70
No. 61—For Samson Steel Rods, No. B86A Rod, Middle Joints.....		.80
No. 62—For Samson Steel Rods, No. B86A Rod, Butt Joint.....		1.50
No. 63—For Samson Steel Rods, Nos. BC46A, BC5A Casting Rods, Middle Joint .....		.90
No. 64—For Samson Steel Rods, Nos. BC46A, BC5A Casting Rods, Butt Joint.....		1.60
No. 65—For Samson Steel Rods, Nos. BC46AA, BC5AA Casting Rods, Butt or Middle Joints.....		1.60
No. 66—For Samson Steel Rods, Nos. BC4R, BC46R, BC5R, BC56R Samson Jointed Casting Rods, Butt or Middle Joints .....		.90
No. 67—For Samson Steel Rods, Nos. F86, F96, F10 Samson Jointed Fly Rods, Butt or Middle Joints.....		.80

Note—To Avoid Mistakes when Ordering Joints, Please State Length of Rod and whether Butt or Middle Joints are Wanted.



ROD SUNDRIES



WOOD ROD TIPS

	Each
No. 2—Unfinished Lancewood Trout Rod Tips, 4 Feet Long, Assorted Sizes $\frac{1}{4}$ to $\frac{3}{8}$ Inch Square Butt.....	\$0.60
No. 3—Unfinished Lancewood Bass Rod Tips, 4 Feet Long, Assorted Sizes $\frac{3}{8}$ to $\frac{1}{2}$ Inch Square Butt.....	.65
No. 4—Finished Lancewood Fly Rod Tips, Nickel Trimmed, 3 to 3 $\frac{1}{2}$ Feet Long, Nos. 00, 0 and 1 Ferrules.....	.70
No. 5—Finished Lancewood Trout Rod Tips, Nickel Trimmed, 3 to 3 $\frac{1}{2}$ Feet Long, Nos. 1 and 2 Ferrules.....	.75
No. 6—Finished Lancewood Casting Rod Tips, Nickel Trimmed, 3 to 3 $\frac{1}{2}$ Feet Long, Nos. 2 and 3 Ferrules.....	.75
No. 7—Finished Split Bamboo Casting Rod Tips, Nickel Trimmed, 3 to 3 $\frac{1}{2}$ Feet Long, Nos. 4 and 5 Ferrules.....	.80
No. 8—Hexagon Split Bamboo Bait Rod Tips for No. 62B Rods.....	.80
No. 9—Extra Tips for No. 154F Rods.....	1.50
No. 11—Second or Middle Joint, Nickel Plated Trimmed, Snake Guides, for Split Bamboo Trout Rod.....	.70

In ordering Rod Tips and Joints, specify No. of Rod for which Tips or Joints are wanted, or else send us, by mail, the Broken Part with Ferrule, or give diameter of Ferrule.

ROD CASES



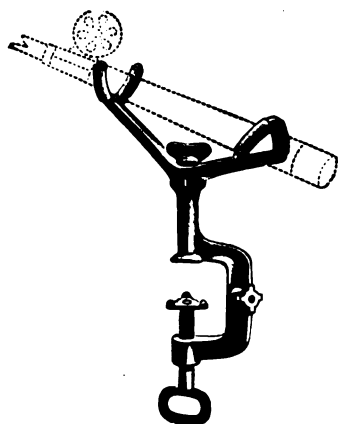
Glove Leather, for Steel Rods Only.

	Each
No. 2—Finest Quality, Glove Fasteners, for Jointed Steel Rods with Small Guides.....	\$2.50
No. 02—Finest Quality, Glove Fasteners, for Jointed Steel Rods with Large Guides.....	2.50

Notice—When ordering Rod Cases, please Specify for What Length of Rod Wanted.

FISH ROD HOLDERS

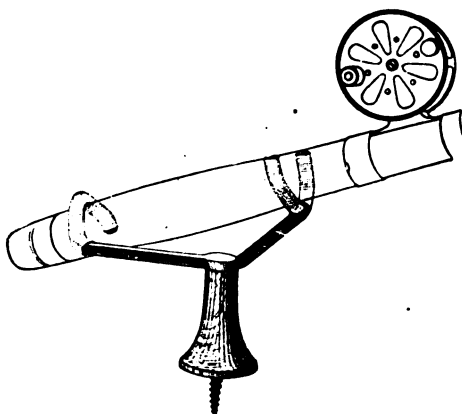
NEW UNIVERSAL



Per Dozen

No. 1—Malleable Iron, Tinned, with Clamp\$12.00
It works in a socket; can be adjusted to any angle or any direction, and is fastened to either the gunwale or seat of the boat; will take any rod and enables one to dispense with the service of a guide or rower and use one or more rods comfortably.

HANDY



Per Dozen

No. 2—Malleable Iron, Tinned, Rubber Covered Forks.....\$8.00
Screws on any part of the boat and holds the rod as cut shows. The rod may be put in or taken out in an instant.

NEPTUNE ROD VARNISH



Per Dozen Bottles

No. 1—Neptune, Superior Quality, Put up Expressly for Varnishing Fishing Rods.....\$3.00

REEL CASES

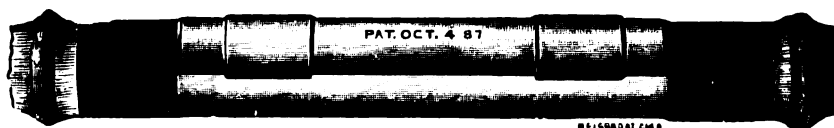


Light Brown Color Leather, Unlined, with Strap and Buckle.

	Each
No. 607—For 60 Yard Reels.....	\$1.20
No. 608—For 80 Yard Reels.....	1.50

REEL SEATS

CHAMPION



Per Dozen

No. 5—6 $\frac{1}{2}$ Inches Long, Hard White Metal, Nickel Plated, Can be Adjusted to Any Size Japanese or Common Jointed Poles in a Few Minutes. Will Admit Any Kind and Size Reel.....\$3.50
One Dozen in a Box.



ROD MOUNTINGS

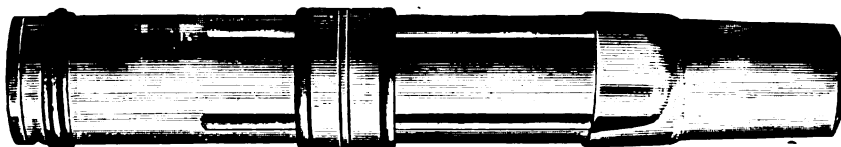
SOLID METAL REEL SEATS



No. 910—Above Hand, Nickel Plated.

Taper Hood.

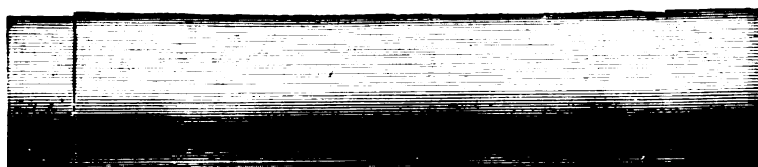
Size, Inches	$\frac{3}{4}$	$\frac{7}{8}$	1
Per Dozen	\$4.00	4.80	5.00
Extra Taper Hoods, to Fit No. 910 Reel Seats, Sizes $\frac{3}{4}$, $\frac{7}{8}$ and 1 inch			Per Dozen \$2.50



No. 920—Below Hand, Nickel Plated.

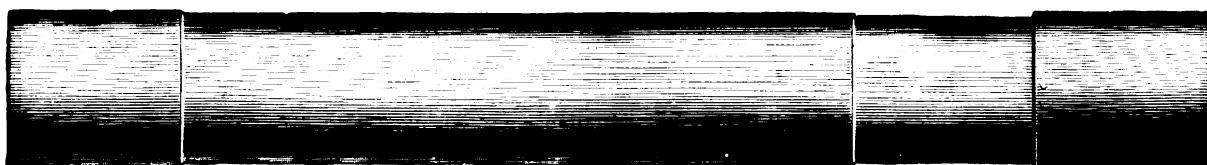
Size, Inches	$\frac{3}{4}$	$\frac{7}{8}$
Per Dozen	\$4.00	4.80
Sizes of Butt Ferrules, Reed Bands and Reel Seats Correspond with Ferrules Illustrated Below.		

FERRULES



Plain Brass, Double.

Nos.	00	0	1	2	2½	3	4	5	6	7	8	9	10	11
Size, Inches	11	37	¼	38	16	11	¾	11	13	½	18	11	58	11
Per Dozen	\$0.80	.80	.80	.80	1.00	1.00	1.10	1.20	1.30	1.30	1.40	1.50	1.60	1.80
<hr/>														
Nos.		12	13	14	15	16	17	18	19	20	21	22	23	24
Size, Inches		11	¾	11	11	78	11	11	132	118	118	132	114	111
Per Dozen		\$1.90	2.00	2.40	2.50	2.60	2.80	3.20	3.40	3.60	3.80	4.20	4.40	4.60

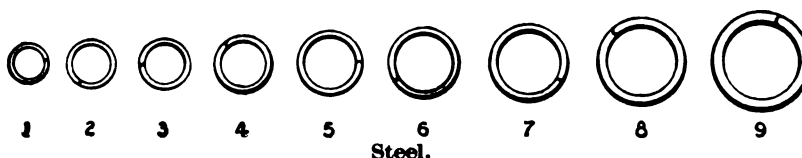


Improved Shouldered, Nickel Plated, Double.

Nos.	2-0	1-0	1	2	3	4	5	6	7	8	9	10	11	12
Size, Inches	$\frac{3}{2}$	$\frac{3}{2}$	$\frac{1}{4}$	$\frac{3}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{2}$
Per Dozen	\$1.50	1.50	1.50	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.70	2.90

Note—These Sizes are the Exact Measurements of the Inside of Large Female Ferrules.

SPLIT RINGS



Nos.	1 to 6	7	8	9	10
Per Gross	\$0.60	.80	1.00	1.50	2.00

LINE EXTRAS

HOOK SWIVELS



Blued Steel.

Nos.	2	4
Per Gross	\$6.00	6.00

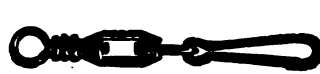
SNAP SWIVELS



Cooper's Patent.

		Per Gross
No. 2—Bronzed Loop, Brass Box Swivel	8.50	
No. 1—Bronzed Loop, Brass Box Swivel, Heavy	12.00	
No. 2-0—Bronzed Loop, Brass Box Swivel, Extra Heavy..	16.00	

WATCH SPRING SWIVELS



Blued Steel.

Nos.	2	4	6
Per Gross	\$7.50	7.50	7.50

SET LINE SNAPS AND RINGS



	Per Gross Sets
No. 140—Brass, One Ring and One Snap Comprise a Set...	\$1.70
One Gross Sets in a Box.	

DOUBLE WATCH SPRING SWIVELS



No. 1-0—Steel, Blued	Per Gross \$15.00
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LINE CONNECTING LINKS

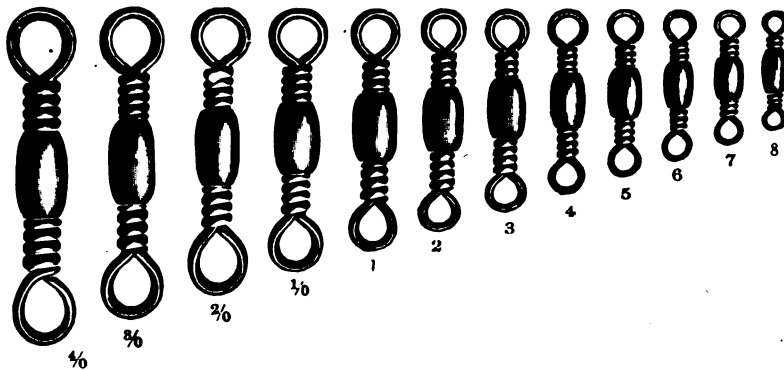


German Silver.

A convenient device for quickly changing hooks, leaders, spoons and other tackle.

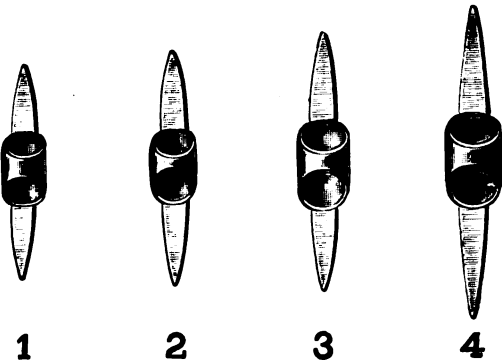
	Per Box
No. 60—Packed ½ Gross Assorted Sizes in a Box	\$1.20
We do Not Break Boxes.	

BRASS BARREL SWIVELS



Nos.	8	7	6	5	4	3
Per Gross	\$2.00	2.00	2.00	2.00	2.00	2.00
Nos.	2	1	1-0	2-0	3-0	4-0
Per Gross	\$2.50	2.50	3.60	5.00	7.00	8.00

COMMON TIE GUIDES



Brass, Solderless.

Nos.	1	2	3	4	5
Brass	Per Dozen, \$0.24	.24	.24	.24	.24

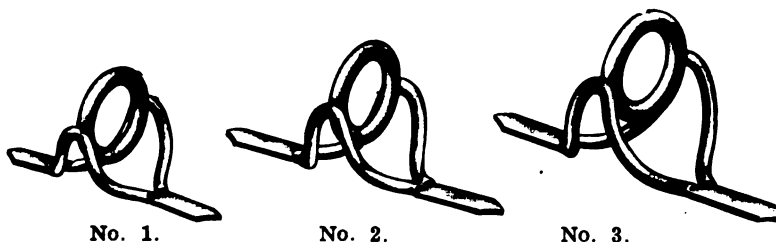
TREBLE BRASS BARREL SWIVELS



To be used when trolling to keep your line from twisting or when casting with a light bait to add weight.

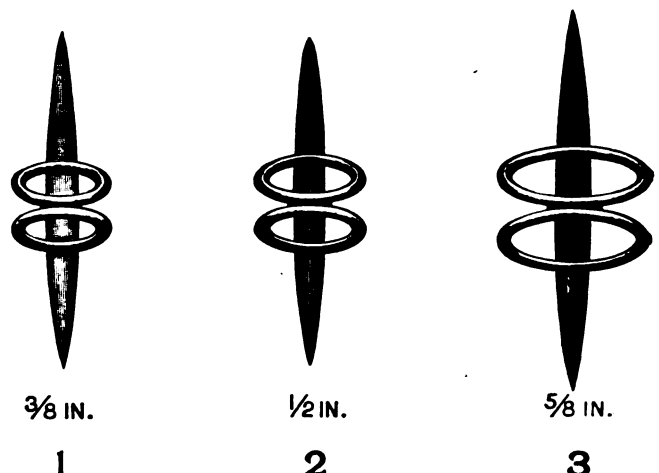
Nos.	1	3	5
Per Gross	\$7.50	7.50	7.50
One-quarter Gross in a Box.			

IMPROVED NARROW RING CASTING GUIDES



	German Silver.		
Nos.	1	2	3
Per Dozen	\$2.00	2.00	2.00

KALAMAZOO CASTING GUIDES



	German Silver, Polished.		
Nos.	1	2	3
Per Dozen	\$0.70	.70	.70

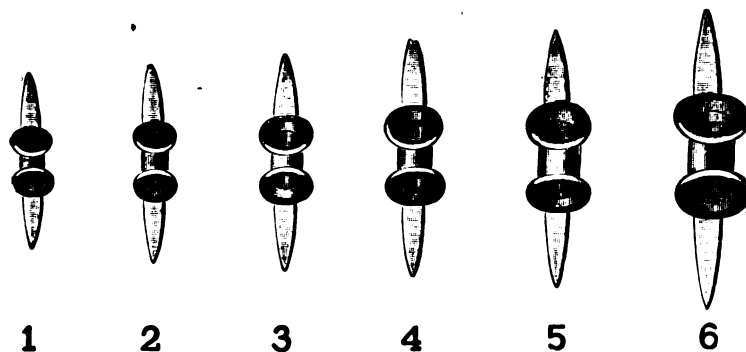


ROD MOUNTINGS

Cuts Full Size.



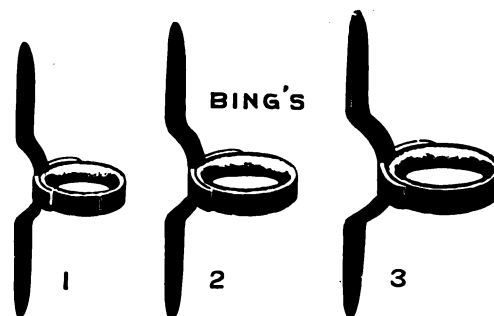
TRUMPET GUIDES



German Silver.

Nos.	1	2	3	4	5	6
Per Dozen	\$1.40	1.40	1.40	1.40	1.40	1.40

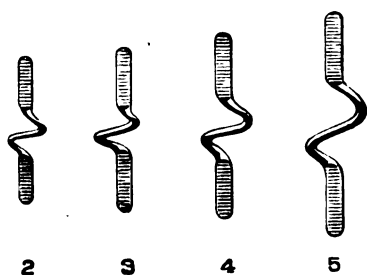
ONE RING BRASS GUIDES



Gold Plated Inside Rim.

Nos.	1	2	3
Per Dozen	\$2.50	2.50	2.50

SNAKE GUIDES



Imported Bronzed Tempered Steel.

Nos.	2	3	4	5
Per Gross	\$3.00	3.00	3.00	3.00

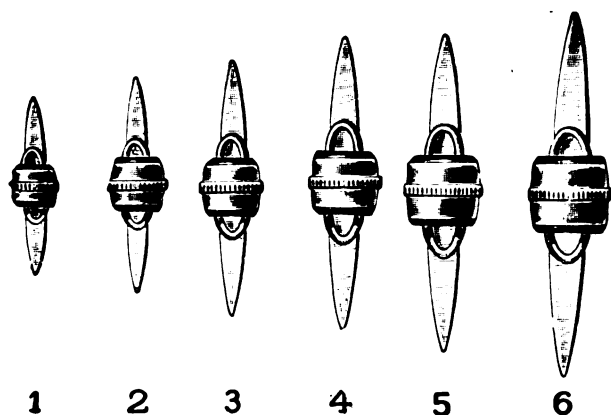
AGATE CASTING GUIDES



German Silver Mounted.

Nos.	1	2	3
Per Dozen	\$9.50	9.50	9.50
Imitation Agate Casting Guides, German Silver Mounted, Same Style as Above.			
Nos.	101	102	103
Size	1	2	3
Per Dozen	\$6.00	6.00	6.00

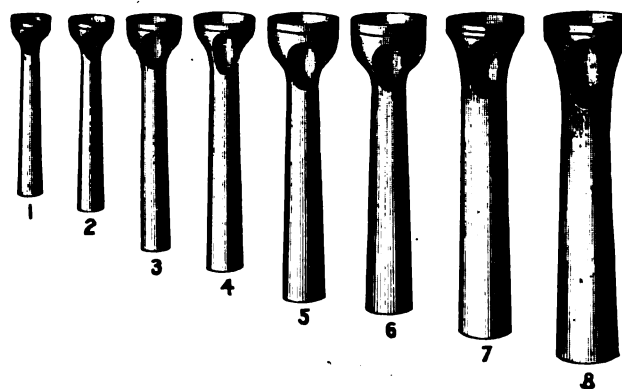
AGATE GUIDES



German Silver Mounted.

Nos.	1	2	3	4	5	6
Per Dozen	\$8.50	8.50	8.50	8.50	8.50	8.50

TUBE TOPS



Nos.	1	2	3	4
Inside Diameter Ferrule, In..	1/8	3/16	1/4	5/16
Brass	Per Gross, \$4.50	5.00	6.00	6.00
Nos.	5	6	7	8
Inside Diameter Ferrule, In..	3/8	1/2	5/8	3/4
Brass	Per Gross, \$6.00	6.50	7.00	7.50

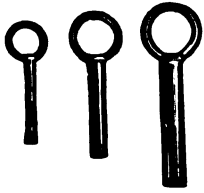


ROD MOUNTINGS

Cuts Full Size.



FLY ROD TOPS

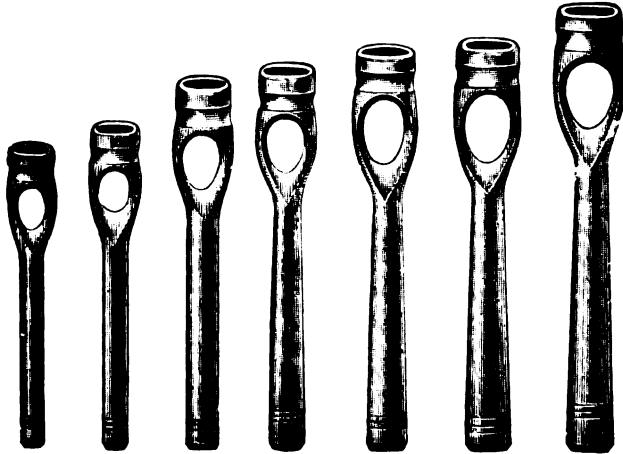


1 2 3

Nickel Plated,

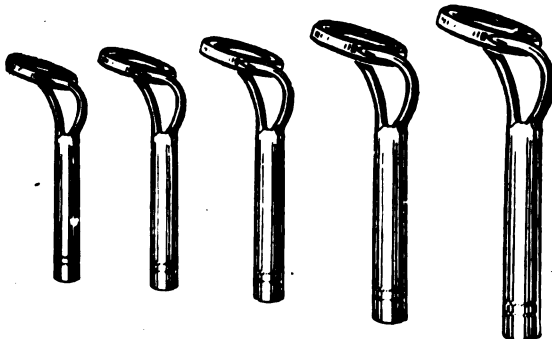
Nos.	1	2	3
Per Gross	\$5.00	5.00	5.00

DOUBLE FUNNEL OR TUBE TOPS



Nos.	4-0	3-0	2-0	1-0
Inside Diameter Ferrule, In. .	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$
Nickel Plated Per Dozen,	\$2.50	2.50	2.50	2.50
German Silver Per Dozen,	3.70	3.70	3.70	3.70
Nos.	1	2	3	
Inside Diameter Ferrule, In. .	$\frac{6}{32}$	$\frac{7}{32}$	$\frac{1}{4}$	
Nickel Plated Per Dozen,	\$2.50	2.50	2.50	

AGATE OFFSET TOPS

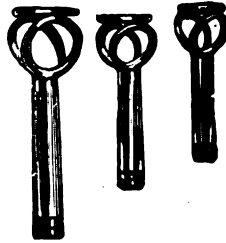


Nos.	10	11	12	13	14
Inside Diam. Ferrule, In. .	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{3}{4}$	$\frac{1}{4}$
Per Dozen	\$10.00	10.00	10.00	10.00	10.00

IMITATION AGATE OFFSET TOPS

Nos.	111	112	113
Inside Diameter Ferrule, In. .	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{3}{4}$
Per Dozen	\$6.00	6.00	6.00

THREE RING TOPS

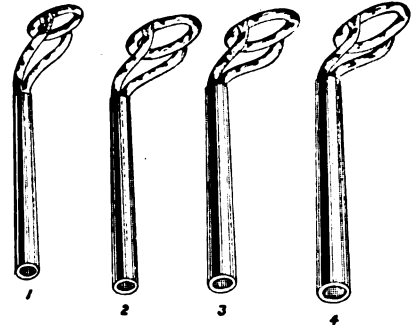


3-0 2-0 1-0

German Silver,

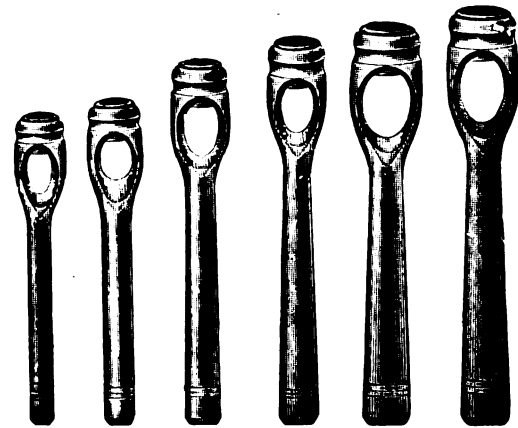
Nos.	1	1-0
Inside Dia. Ferrule, In. .	$\frac{1}{4}$	$\frac{3}{4}$
Per Gross	\$7.50	7.50
Nos.	2-0	3-0
Inside Dia. Ferrule, In. .	$\frac{3}{8}$	$\frac{1}{2}$
Per Gross	\$7.50	7.50

OFFSET STIRRUP TIPS



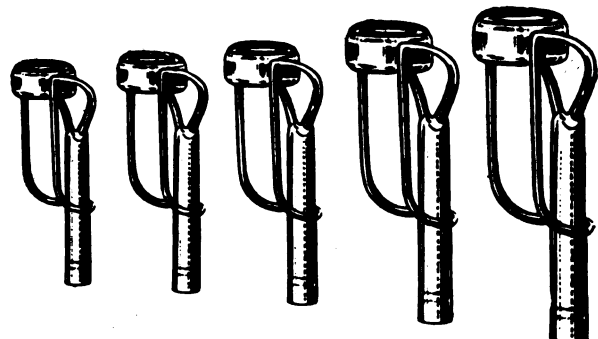
Nos.	01	02
Inside Dia. Ferrule, In. .	$\frac{3}{32}$	$\frac{1}{8}$
Per Dozen	\$1.50	1.50
Nos.	03	04
Inside Dia. Ferrule, In. .	$\frac{1}{4}$	$\frac{3}{4}$
Per Dozen	\$1.50	1.50

AGATE TOPS, SOLID



Nos.	4-0	3-0	2-0
Inside Diameter Ferrule, In. .	$\frac{6}{64}$	$\frac{7}{64}$	$\frac{8}{64}$
Per Dozen	\$12.00	12.00	12.00
Nos.	1-0	1	2
Inside Diameter Ferrule, In. .	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{4}$
Per Dozen	\$12.00	12.00	12.00

AGATE GUARDED TOPS SETOFF STYLE



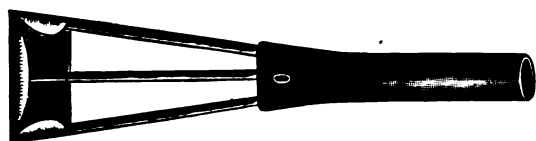
Nos.	20	21	22	23	24
Inside Diam. Ferrule, In. .	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{3}{4}$	$\frac{1}{4}$
Per Dozen	\$12.00	12.00	12.00	12.00	12.00

IMITATION AGATE GUARDED TOPS, SETOFF STYLE

Nos.	221	222	223
Inside Diameter Ferrule, In. .	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{3}{4}$
Per Dozen	\$7.00	7.00	7.00

Note— $\frac{3}{32}$ inch and $\frac{1}{8}$ inch Size Tops are suitable for Steel Rods.

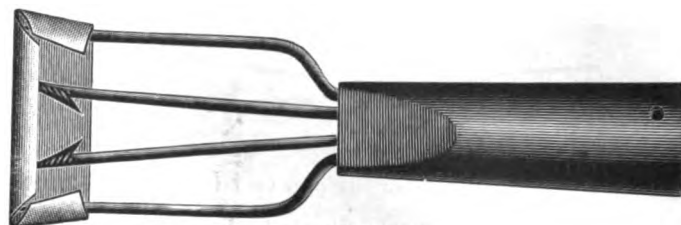
FROG SPEARS



Hand Made.

Japanned, Filed Points, Tin Point Guard.

No. 03—Three Prongs, Length of Prongs $2\frac{1}{2}$ inches, with Guard Per Dozen \$1.80
One Dozen in a Box.

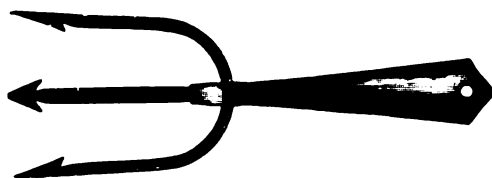


Hand Made.

Japanned, Forged Steel, with Socket.

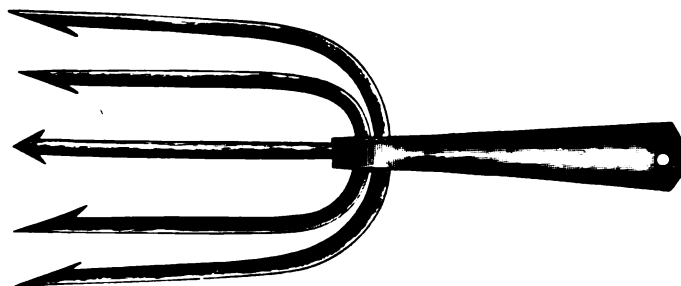
No. 04—Four Prongs, Length of Prongs $2\frac{3}{4}$ inches, with Guard Per Dozen \$1.60
One Dozen in a Box.

FISH SPEARS



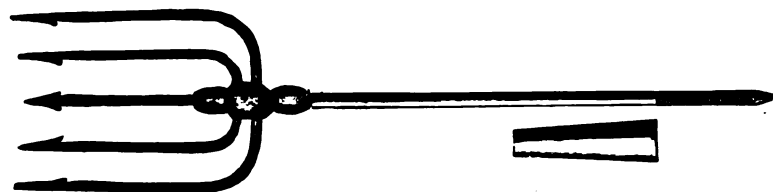
Japanned, Forged Steel, with Socket.

No. 1—Three Prongs, Length of Prongs $2\frac{1}{4}$ inches.... Per Dozen \$3.50
One Dozen in a Box.



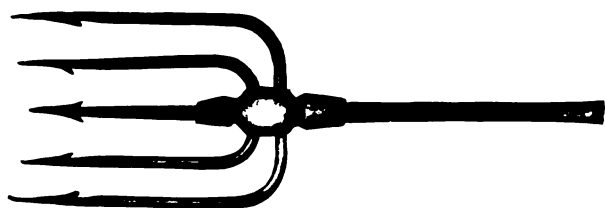
Japanned, Forged Steel, with Socket.

No. 3 —Five Prongs, Length of Prongs 4 inches... Per Dozen \$4.00
No. 3½—Five Prongs, Length of Prongs $4\frac{1}{2}$ inches... 6.50
No. 4 —Five Prongs, Length of Prongs 5 inches... 7.50
One Dozen in a Box.



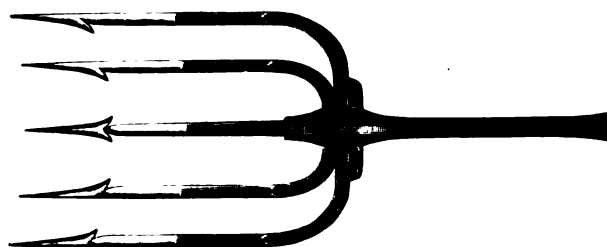
Round Spring Steel, Hand Forged, Brass Head, Screw-Off Sockets.

No. 5—Five Prongs, Length 15 inches, Length of Prongs $4\frac{1}{2}$ inches, Width $3\frac{1}{2}$ inches.... Per Dozen \$ 8.50
No. 6—"Neptune," Five Prongs, Length 17 inches, Length of Prongs 5 inches, Width 4 inches.... 13.50
One Dozen in a Box.



Round Spring Steel, Hand Forged, Socket Shank.

No. 6½—Five Prongs, Length 17 inches, Length of Prongs 5 inches, Width 4 inches.... Per Dozen \$17.00
One Dozen in a Box.



Original St. Clair, Extra Fine Forged Steel, Socket Shank.

No. 7—Five Prongs, Length 16 inches, Length of Prongs 7 inches, Width 5 inches, with Key for Replacing Prongs Per Dozen \$21.00
One Dozen in a Box.

FISH SPEAR HANDLES

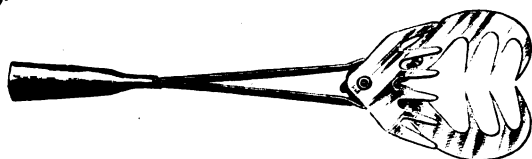


No. XX—8 feet, Extra Quality and Finish, Straight Ash..... Per Dozen \$7.50



GAFF HOOKS

LION AUTOMATIC GAFF



The Only Combination Fish Gig and Gaff Hook on the Market.

No. 1—Best Quality Steel, Blued Finish, Width of Jaws when Open $8\frac{1}{2}$ inches, Length Over All when Closed 15 inches, Socket Shank.....\$24.00
The center acts as a stop when opening and closing the Gaff; also as a trigger for springing the Gaff, and by coming in contact with the object sought for, closes the jaws automatically and with lightning rapidity, so a fish can be as easily caught lying close to the bottom as well as close to the surface. Our method of construction prevents teeth in jaws from becoming dull, and will not cut or abuse the fish and frogs.

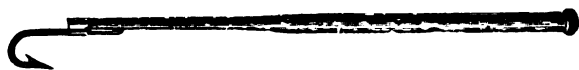
COMMON GAFF



Best Cast Steel, Properly Tempered, with Tang.

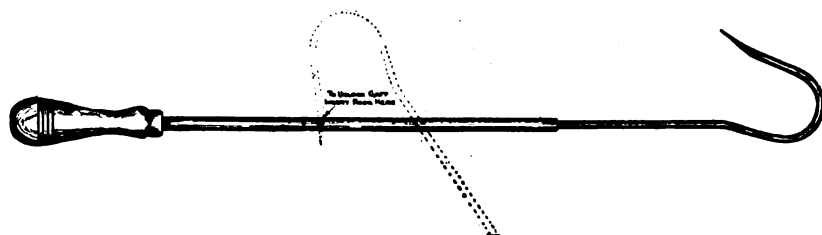
No. 10—Length $8\frac{1}{2}$ inches, Nicely Japanned.....\$2.50
No. 12—Length 7 inches, Nicely Japanned..... 1.70

NEPTUNE GAFF



No. 75—Polished Spring Steel Hook with Barb, 3 foot
Polished Ash Handle with Brass Ferrule.....\$11.00

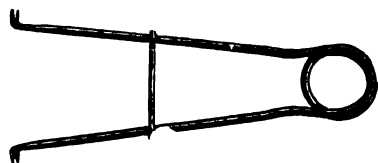
NEPTUNE TAKE-A-PART



Three Jointed, for Landing the Big Ones.

No. 35—22 inches Long, Made of Solid Rod Nickel Plated Over Copper, Has an Arrangement for Locking and Unlocking Joints, Easy to Take Apart at All Times, Will Fit into Any Tackle Box.....\$5.00

PICKEREL GAG OR FISH HOLDERS

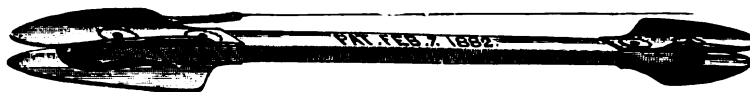


No. 15— $5\frac{1}{2}$ inches Long Extra Quality Spring Steel Wire, Japanned\$2.30

DISGORGERS

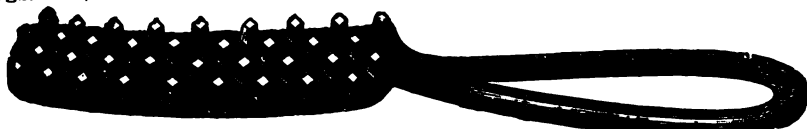


No. 2— $6\frac{3}{4}$ inches Long, Malleable Iron, Bright XC Plated\$1.50



No. 111—7 inches Long, Double, Nickel Plated Brass...\$2.50

FISH SCALERS



No. 282—9 inches Long, Cast Iron, Japanned,
In Lots of One Dozen.....\$0.80
In Lots of Six Dozen..... 70



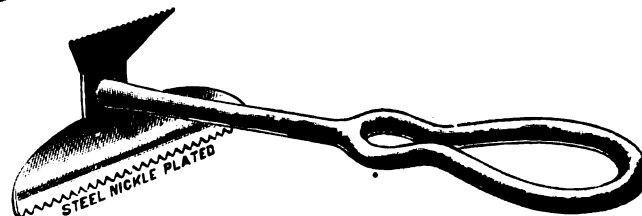
For Scaling Fish it Cannot be Excelled.

It simply wipes the scales off. For shredding meats, codfish and for preparing beef for hamburger steaks it is perfection.

No. 6—Good Luck, $6\frac{3}{4}$ inches Long, Cast Iron, Coated with Black Rubber Enamel to Prevent Rusting...\$1.50

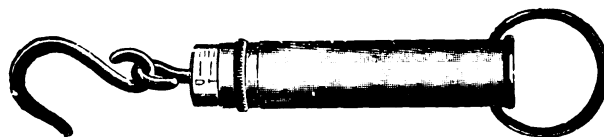


No. 4—9 inches Long, Heavy XXX Tin.....\$1.50



No. 11— $6\frac{3}{4}$ inches Long, Nickel Plated.....\$3.00

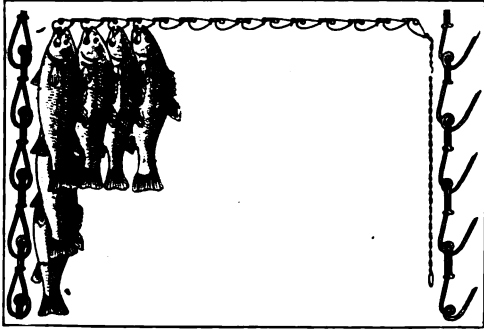
FISH SCALES



No. 154—Novelty, Weighs by $\frac{1}{4}$ Lb. up to 15 Lbs., Nickel Plated\$4.00

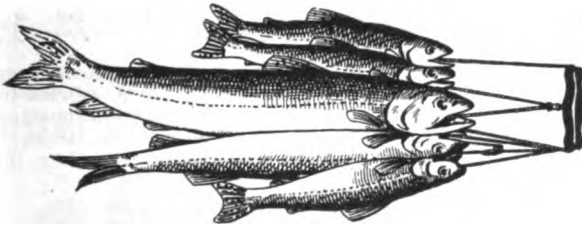


FISH STRINGERS



Per Dozen

Keepem Alive—Nickel Plated Spring Steel, 54 inches Long, 10 Patent Hooks with Safety Catch which Goes Through Both Lips of Fish, They Don't Drown, but Swim **\$8.00**
Keeps your game fish alive, absolutely weedless, weight comes on shank of hooks, not on pins, each fish on a separate hook, holds 100 lbs., yet folds compactly, can be carried in the pocket. Makes a good game stringer. Hooks are interchangeable.



Per Dozen

No. 9—Milwaukee, 46 inches Long, $\frac{1}{8}$ inch Thick, Hard Braided Cotton Line, 5 inch Steel Needle and Brass Snap, Black Enameled Wood Handle..... **\$2.00**
After fishing, the middle of the line is fastened at hook on handle, dividing the catch in two parts and making it easy to carry.

One Dozen in a Box.



Per Dozen

No. 8—6 feet Long, No. $4\frac{1}{2}$ Braided Cotton Line Securely Fastened in a Solid Brass Needle, Japanned, Iron Ring on Other End..... **\$2.00**
No. 39—9 feet Long, Same Description as No. 3..... **4.00**
One Dozen in a Box.

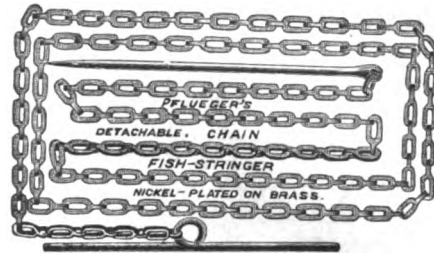
LEADER BOXES



Per Dozen

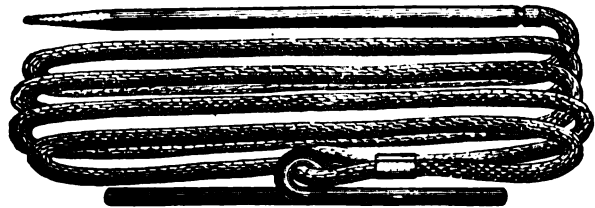
No. 10—3 $\frac{3}{4}$ x $\frac{1}{2}$ inch, Aluminum, Hinged Cover, Contains Two Pieces of White Felt, Nicely Satin Finished **\$3.50**

One Dozen in a Box.



Per Dozen

No. 1—3 $\frac{1}{2}$ feet Long, Brass Chain, Needle and Bar, Nickel Plated, Bar is Detachable..... **\$1.60**
No. 11—6 feet Long, Brass Chain, Needle and Bar, Nickel Plated, Bar is Detachable..... **3.70**
One in an Envelope; One Dozen in a Box.

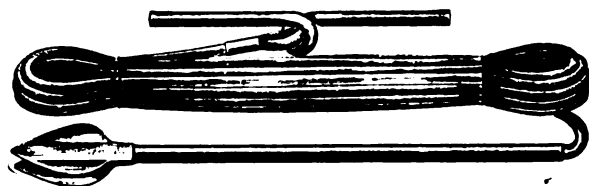


Per Dozen

No. 10—6 feet Long, Heavy Cotton Line, Detachable Brass Needle **\$2.40**

A simple and strong Stringer.

One Dozen in a Box.



Per Dozen

No. 4—6 feet Long, No. $4\frac{1}{2}$ Braided Cotton Line Securely Fastened in a Solid Brass Disgorger and a Solid Brass Bar at Other End, Nickel Plated Metal Parts **\$3.20**
One Dozen in a Box.

FLY BOXES

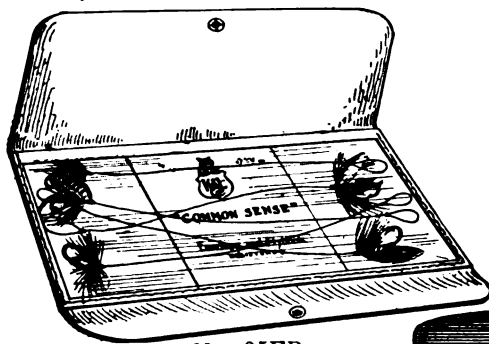


Per Dozen

No. 11—6 $\frac{1}{2}$ x 3 $\frac{1}{4}$ x $\frac{1}{2}$ inch, Aluminum, Two Combs to Keep Flies Separate, Three Moistening Pads to Keep Snells Softened, Hinged Cover..... **\$7.20**
One Dozen in a Box.



FLY BOOKS



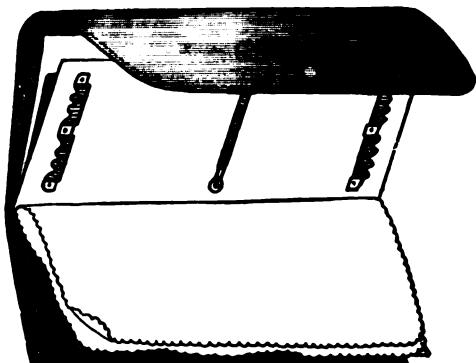
No. 25FB.

Vest Pocket Size.

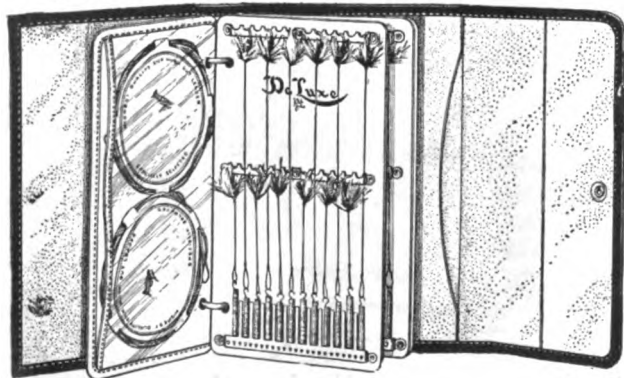
No. 21FB—6 1/4 x 3 1/2 inches, Smooth Cowhide, Skeleton, Four Parchment Leaves with Springs Attached, to Carry 4 Dozen Flies, Two Parchment Pockets and a Pocket on Inside of Cover.....**\$16.00**



No. 21FB.



- No. 1FB**—6 1/4 x 3 1/2 inches, Long Grain Cloth with Mercerized Lining, Two Parchment Leaves with Patent Fasteners Holding 4 Dozen Flies, Two Parchment Pockets for Leaders.....**\$ 8.50**
- No. 2FB**—Same Size and Style as No. 1FB, but with Pocket Inside the Cover, Holds 8 Dozen Flies.... **15.00**
- No. 3FB**—7 1/4 x 3 1/4 inches, Leather Covered with Leather Lining, 2 Pockets in Cover, Holds 4 Dozen Flies **24.00**
- No. 41FB**—6 1/4 x 4 inches, Red Pin Grain Leather, Celluloid Leaves with Spring Attachment and Drying Pads, Holds 8 Dozen Flies, Two Pockets for Leaders **20.00**



No. 175FB—7 1/4 x 3 inches, Long Grain Waterproof Cowhide, Two Aluminum Loose Leaves with Individual Spring for Every Fly, Each Leaf Holds 1 Dozen Flies, with Drying Pads, and Celluloid Pocket for Leaders.....**\$42.00**

Per Dozen

No. 25FB—Vest Pocket Size, 6 1/2 x 2 3/4 inches, Assorted Leather, One Transparent Celluloid Pocket, This Book is Very Thin and Convenient.**\$5.00**

HOOK HOLDERS

HOLLAND



Holland—7 1/4 inches Long, 1 1/2 inches Wide, Blued Spring Steel, Tinned Wire Coil Spring, Holds Any Size Hook, Fits Any Tackle Box, Keeps the Snell Straight and Prevents Tangling, Hooks Cannot Catch in Clothing when Carried in Pocket.....**\$1.50**

Per Dozen



FLY CREAM

BITE-NO-MORE

No. 5—2 Ounce Cans, White Label..**\$4.00**
No. 15—2 Ounce Cans, Blue Label, Double the Strength of No. 5 and not so Fluid..... **5.00**

Per Dozen

A Lotion to be applied to the face, neck, hands and all exposed parts. Dries immediately, forming an invisible coating on the skin, through which the Mosquitoes, Gnats, Black Flies and all other insects will not attempt to bite.

MOSQUITO CREAM

DRUGCRAFT



Per Dozen

No. 20—In Collapsible Tubes.....**\$4.00**
 A scientific pharmaceutical product to keep off mosquitoes, gnats and black flies, possesses a high grade non-greasy base, exerts a soothing and healing influence on surface previously exposed. This is a product that you can hand out to the most fastidious patron.

DRIFLI



An Absolute Waterproofing Solution for Dry Fly.

No. 25—Drifli, 1 Dozen Screw Top Bottles in a Display Box**\$4.00**
 A dry, artificial Fly can be dropped on water to look like a live Fly, a water soaked one cannot. To fool the Trout, get as near to nature as possible; natural flies are on Top of water. If you use Drifli solution your flies will be waterproof. Directions with each bottle.

Per Dozen

One Dozen Bottles in a Display Box.

TROUT BASKETS



First Quality Double Woven French Willow, with Side Opening and Metal Fastener.

Nos.	21	22	23	24
Capacity, Lbs.	9	12	20	25
Size on Back, Inches. 7 1/2 x 12	9 1/2 x 13	9 x 14 1/2	10 x 15 1/2	
Per Dozen	\$26.00	\$33.00	40.00	48.00

First Quality Whole Round White Willow, with Side Hole, Patent Metal and Leather Lock.

Nos.	11	12	13
Size Nos.	1	2	3
Capacity, Lbs.	9	16	20
Per Dozen	\$13.00	17.00	20.00

REFRIGERATOR BASKETS

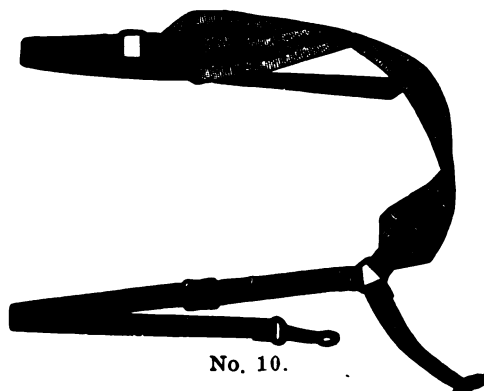


Imported Reed Woven Body, Hardwood Bottom, Polished Metal Lining, Hardwood Hinged Detachable Cover, Finished in a Beautiful Dark Forest Green.

No. 0—13 inches Long, 10 inches Wide, 7 1/2 inches Deep	Each \$6.00
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The inner lining consists of a special non-conductive insulator which keeps in the cold. The polished metal lining is rust proof, the ice compartment is removable, keeps lunch fresh, liquids cool and fish sound and sweet.

TROUT BASKET STRAPS



No. 10.

No. 10—Combination, 66 inches Long Over All, 2 1/2 inches Wide, White Razor Strop Webbing, Roll Buckle, Snap and Ring.....	Per Dozen \$6.00
No. 20—54 inches Long Over All, 2 1/2 inches Wide, Canvas, 1/2 inch Leather Strap, Roller Buckles.....	3.50

REFRIGERATOR GRIPS



Waterproof and Well Insulated Rustproof Metal Frame, Covered with a Rich Black Covering, Two Rustproof Metal Compartments, Brass Trimmings. Each

No. 180—18 inches Long, Holds About 40 Average Sized Trout, One Filling of Ice Will Last for 36 Hours Keeping Contents at a 44 Degree Temperature	\$18.00
No. 200—20 inches Long, Holds About 50 Average Sized Trout, Otherwise Same as No. 180.....	21.00

F. O. B. Factory Only.

The upper or ice compartment has a large opening for receiving the ice. Cracked ice placed in this section slowly melts and the ice-cold water drips into the water shell surrounding the fish chamber on all sides. Ice nor water comes in contact with the fish to soak them, but preserves the fish with cold air. Leakage or slop-over is impossible. Convenient to carry and neat in appearance.

BAIT BOXES

CRESCENT



Per Dozen

No. 3—6x2 1/4 x 2 1/4 inches, Tin, Red Enameled, with Aluminum Decorations, Perforated Hinged Self-Locking Cover, Two Loops for Belt.....	\$2.20
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With Belt Loop.

Per Dozen

No. 2—3 3/4 x 4 x 2 inches, Tin, Red Enameled, with Aluminum Decorations, Perforated Hinged Self-Locking Cover, with Loop for Belt.....	\$1.50
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BASKET



Safety Pin Fastening.

Per Dozen

No. 40—3 3/4 x 4 x 2 inches, Tin, Red Enameled, with Aluminum Decorations, Perforated Hinged Self-Locking Cover, with Safety Pin for Belt....	\$1.70
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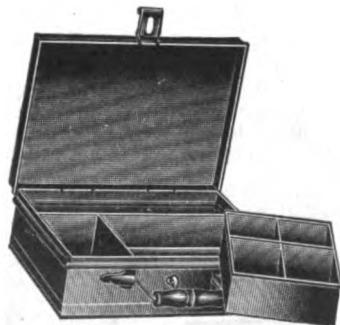
All One Dozen in a Box.



- No. 01**— $8\frac{1}{4} \times 3 \times 4\frac{1}{4}$ inches, Golden Brown Japanned, Brown Striped, One Large and Three Small Compartments, Strong Hasp and Improved Locking Latch **\$6.50**
- No. 10**— $8\frac{1}{4} \times 3 \times 4\frac{1}{4}$ inches, IXX Tin, Green Enameled Outside, Decorated in Gold, Inside Finished in Black, Otherwise Same as No. 01..... **8.50**



- No. 022** — $10\frac{1}{2} \times 4 \times 5\frac{1}{2}$ inches, IXX Tin, Golden Brown Japanned, Gold Striped, Three Compartments, Partitioned in Such a Manner to Hold a 100 Yard Reel, Dowagiac Minnows, Lines, Swivels. Trolling Bait, etc., One Tray with Three Spaces, Strong Hasp and Locking Device..... **\$9.50**



- No. F1**— $9\frac{1}{2} \times 3\frac{1}{2} \times 7$ inches, IXX Tin, Extra Strong, Green Enameled Outside with Stripes of Red and Gold, Four Compartments, One Large Enough to Hold a 100 Yard Reel, One Extra Tray with Four Compartments, Easy Carrying Handle with Wood Grip, Strong Hasp and Locking Device... **\$15.00**

TACKLE BOXES



- No. 02** — $10\frac{1}{2} \times 4 \times 5\frac{1}{2}$ inches, Golden Brown Japanned, Gold Striped, Three Compartments, One Round Bottom Tray with Five Spaces, Strong Hasp and Improved Locking Device **\$ 9.50**
- No. 20**— $10\frac{1}{2} \times 4 \times 5\frac{1}{2}$ inches, IXX Tin, Green Enameled Outside, Gold Striped, Inside Finished in Green, Otherwise Same as No. 02..... **12.80**



- No. P2** — $10\frac{1}{2} \times 4 \times 7\frac{1}{2}$ inches, IXX Tin, Green Enameled Outside with Gold Stripes, Black Enameled Inside, One Large Compartment for Reels, Fly Hooks, Lines and Snelled Hooks, Three Smaller Compartments, One Tray with Four Spaces, Strong Hasp and Locking Device... **\$20.00**



- No. 455**— $19\frac{1}{2} \times 4\frac{1}{2} \times 4\frac{3}{4}$ inches, Heavy Tin, Green Enameled Outside Striped with Gold, Inside and Trays Enameled Black, One Large and One Small Tray and Compartments for Carrying a 4, $4\frac{1}{2}$ or 5 foot Four Jointed Rod, One Dozen Artificial Minnows, Three Reels and an Exceptionally Large Assortment of Lines and Tackle, Sells on Sight to the Fisherman **\$48.00**



- No. 03**— $12\frac{1}{4} \times 5\frac{1}{2} \times 6\frac{1}{2}$ inches, Brown Japanned, Gold Striped, Two Large Compartments, One Tray with Three Spaces and One Tray with Six Spaces, Strong Hasp and Improved Locking Device **\$14.00**
- No. 30**— $12\frac{1}{4} \times 5\frac{1}{2} \times 6\frac{1}{2}$ inches, IXX Tin, Green Enameled Outside, Gold Striped, Black Enameled Inside, Otherwise Same as No. 03..... **17.70**



- No. E3**— $11\frac{1}{2} \times 4\frac{1}{4} \times 8$ inches, IXX Tin, Green Enameled Outside, Gold Bands, Green Inside, Large Compartment for Two Reels, Four Spaces for Snelled Hooks, One Tray has Three Spaces, the Large Tray is Divided for Dowagiac Minnows, Trolling Baits, Floats, etc., with Three Small Spaces for Hooks, Sinkers, Swivels, etc..... **\$30.00**



- No. 100**—Imperial, $12\frac{1}{2} \times 4\frac{1}{2} \times 8$ inches, IXXXX Tin, Black Enameled Outside, Decorated in Red and Gold, Deep Blue Lacquer Finish Inside, Has a Three Reel Compartment, One for Fly Hooks and One for Lines, Floats, etc., One Tray for Snelled Hooks and a Covered Tray with Six Compartments Suitable for Hooks, Sinkers, Swivels, etc., Nickel Plated Yale Lock, Heavy Leather Handle **\$64.00**



TACKLE BOXES



Per Dozen

No. 200—Upright, 9x3 1/2 x8 1/2 inches, Extra Heavy Tin, Rich Glossy Black Japanned. Gold Striped, Divided into Four Compartments, Three in the Body and One in the Rounded Top, Partitioned to Hold Reels, Artificial Bait, etc., May be Carried with a Strap Over the Shoulder, Provided with Metal Loops for Strap, Solid Brass Handle and Fittings, Nickel Plated Yale Lock. Its Satchel Shape Makes it Exceedingly Handy to Carry and Pack.....\$42.00



Per Dozen

No. 650—Standard, 11 inches Long, 5 1/4 inches Wide, 2 1/4 inches Deep (Inside Dimensions), Heavy Steel Finished with a Rich Dull Black Hard Baked Enamel Inside and Outside, Divided into Two Compartments by Means of Hinged Partition, One Side is Divided into Seven Compartments with Space for Reel, the Other Half of the Box has no Partitions and Affords Proper Space for Fly Books, Hooks on Cards, etc., with Folding Handle, Lock and Keys\$14.00

TACKLE BAGS

KENNEDY

The Kennedy Tackle Bag has a distinctiveness and roominess that appeals to fishermen who are seeking something different than the ordinary tackle box. Built to stand the roughest usage and designed to look like a leather grip and is light in weight. Will hold a 1 quart Thermos or Vacuum Bottle in bottom of Grip.

Waterproof and Watertight, Spacious Tackle Compartments, Arranged so Contents Cannot Spill.



Each



Cut Shows Interior of Bag.

No. TB—14 inches Long, 7 inches Wide, 9 inches High, All Steel, Finished in a Durable Brown or Black Baked Enamel, which Will not Chip, Rub or Easily Scratch, Leather Handles, Brass Side Catches and Corners, Yale Notch Lock....\$6.30

MINNOW AND FROG BUCKETS

MIDGET



Tin, Blue Lacquered Body, Gold Lacquered Perforated Self-Locking Hinged Cover, Wire Bail.

No.	2
Quarts	2
Inches	5 3/4 x 4 1/2
Per Dozen	\$2.40

MINNOW BUCKETS

ACME



Round, Single IX Tin.

Dark Green Enameled, Gold Banded. Reinforced Top Edge, Body Perforated Near Top, Perforated Hinged Self-Locking Cover, Wire Bail with Wood Grip.

Per Dozen

No. 08—8 Qt., 9 1/8 x 8 1/4 inch..	\$8.00
No. 010—10 Qt., 10 1/8 x 9 1/4 inch.	9.50

GOOD LUCK



Round, Non-Floating, IX Tin.

Blue Enameled, Gold Bands, Perforated Tin Inset, Sunk Ice Pan Top, no Cover on Outside Pall, Perforated Hinged Cover on Inset, Wire Bail.

Per Dozen

No. 8—8 Qt., 8 3/4 x 8 1/4 inch..	\$ 9.50
No. 10—10 Qt., 9 1/4 x 9 1/2 inch..	11.50
No. 8W—8 Qt., Same as No. 8, but with Wire Inset.....	10.50
No. 10W—10 Qt., Same as No. 8W	13.00



SECURITY



Round, IX Tin, Floating Galvanized Wire Inset.

Green Enameled, Gold Bands and Fancy Decorations, Wire Reinforced Top Edge, Perforated Hinged Cover on Inset and Outside Bucket, Inset has Water Pan at Bottom, Wire Ball.

	Per Dozen
No. 80—8 Qt., 9 1/4 x 8 1/4 in.	\$16.00
No. 100—10 Qt., 10 1/2 x 9 1/2 in.	19.00

MINNOW BUCKETS

HERO



Galvanized, Round, Heavy Non-Floating Galvanized Wire Inset.

Fancy Decorations, Deep Top to Hold Ice, Water Tight Space at Bottom of Inset, Perforated Hinged Self-Locking Cover on Inset, no Cover on Outside Bucket, Rust and Weather Proof, Wire Ball.

	Per Dozen
No. 1208—8 Qt., 8 1/4 x 8 in.	\$15.00
No. 1210—10 Qt., 9 1/2 x 8 1/2 in.	18.00



CLIMAX



Round, IX Tin, Floating Galvanized Wire Inset.

Green Enameled, Gold Bands and Fancy Decorations, Wire Reinforced Top Edge, Sunk Top for Ice, Water Pan at Bottom of Inset, Perforated Hinged Self-Locking Cover on Inset, no Cover on Outside Bucket Wire Balls.

	Per Dozen
No. 108—8 Qt., 9 x 7 3/4 in.	\$14.50
No. 110—10 Qt., 10 x 8 3/4 in.	16.50

VICTOR



Galvanized, Round, Heavy FLOATING Galvanized Wire Inset.

Fancy Decorations, Deep Top to Hold Ice, Water Tight Space at Bottom of Inset, Perforated Hinged Self-Locking Cover on Inset, no Cover on Outside Bucket, Rust and Weather Proof, Wire Balls.

	Per Dozen
No. 1808—8 Qt., 8 3/4 x 8 in.	\$20.00
No. 1810—10 Qt., 9 1/2 x 8 1/2 in.	22.50

IDEAL



Oval, IX Tin, FLOATING Perforated Tin Inset.

Light Green Enameled, Gold Bands and Fancy Decorations, Reinforced Top Edge, Perforated Hinged Self-Locking Cover on Inset, Water Space at Bottom of Inset, no Cover on Outside Bucket, Wire Balls.

	Per Dozen
No. 425—9 3/4 x 6 1/2 x 8 inches.	\$16.00
No. 435—10 1/2 x 7 1/4 x 8 1/2 inches.	18.00

PARAGON



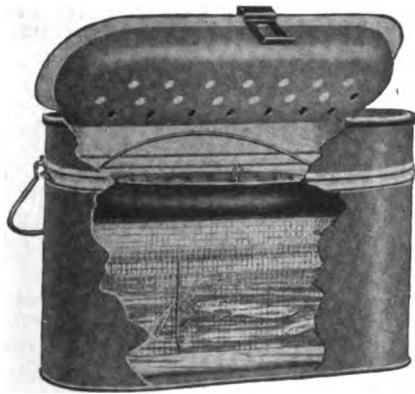
Oval, IX Tin, FLOATING Galvanized Wire Inset.

Green Enameled with Decorations, Sunk Top for Ice, Top is Reinforced with Heavy Bead, Water Tight Space at Bottom of Inset, Hinged and Self-Locking Galvanized Wire Cloth Inset Cover, no Cover on Outside Bucket, Wire Balls.

	Per Dozen
No. 625—10 3/4 x 7 1/4 x 7 1/4 inches.	\$24.00
No. 635—11 1/2 x 8 1/4 x 8 1/2 inches.	26.50



MINNOW BUCKETS



JONES' PATENT

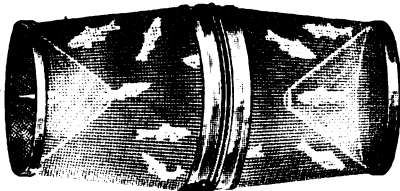
Elongated Shape, Heaviest Quality Dairy Tin.

- Each
- No. 1300—Nicely Painted and Striped, Galvanized Wire Inset, Perforated Hinged Cover, Sunk to Receive Ice, with Hasp and Wire Ball, Size 6x10x15 inches, Capacity 12 Quarts.\$4.00
- No. 1200—Same Style as No. 1300, but without Cover on Outer Receptacle, Size 6x8x15 inches, 8 Quarts. 3.50

This Pail is made with a Galvanized Wire Inset, which contains an air chamber at the top provided with a valve to receive an ordinary bicycle pump. This air chamber is fitted with a fine outlet tube which ejects a current of air into the water at the bottom of the Inset or Minnow Container, thus constantly supplying plenty of fresh air to the Minnows. One filling of the air chamber supplies an air current for six hours, so that Minnows can be carried a great distance.

MINNOW TRAPS

GEE'S IMPROVED



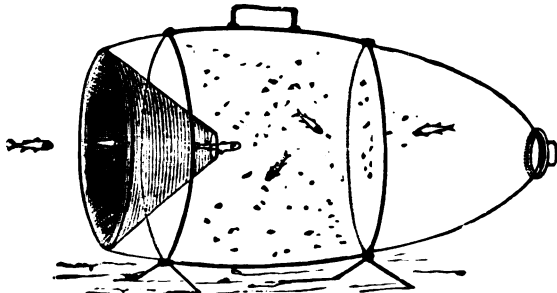
Best Quality Wire Cloth and Sheet Steel, Galvanized.

Each

- No. 200—17 1/2 inches Long, 9 inches Diameter, Funnel Ends, the Ends or Halves are Exactly Alike, Furnished with a Snap to Hold the Two Halves Together\$1.20

This Trap is the most ingenious device for catching and holding minnows, crawfish, etc. The minnows are attracted through the sense of smelling, tasting and seeing.

THE "ORVIS"

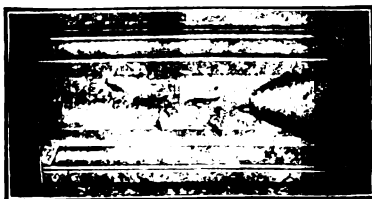


Heavy Flint Glass.

Each

- No. 250—12 inches Long, 24 inch Circumference, Galvanized Metal Handle and Legs.\$3.20

THE THOMAS KNOCK DOWN



Combined Minnow Trap and Lantern.

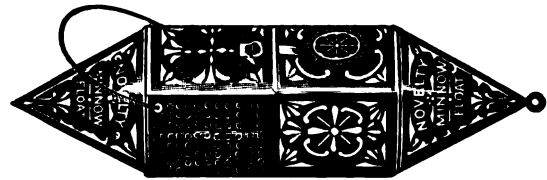
Each

- No. 150—14 inches Long, 6 inches Square, Glass Funnel, Four Glass Panels, Bound with Rust Proof Metal and Held in Position by Two Long Bolts and Wing Nuts\$2.70

This Trap can be taken down or put together in two minutes. Panels are easily replaced in case of breakage.

MINNOW FLOATS

NOVELTY



Galvanized Iron, Light Green Enameled, with Decorations.

Each

- No. 99—24 inches Long, 7 inch Diameter, Conical Ends, Cylindrical Body, Self-Locking Cover with Seamless Metal Knob, Same Capacity as a 10 Quart Minnow Bucket\$3.00

This Float is tied to the stern or side of boat and on account of its shape will pass through the water easily, admitting plenty of fresh air and protecting the minnows at all times. It will keep minnows alive the longest of any known device, easy to operate with one hand, leaving the other free to take out the minnows.

FLOATING LIVE NET

NEPTUNE



Mouth Opens Automatically, 52 Brass Rings at Top of Net, Making the Draw Strings Run Freely.

Per Dozen

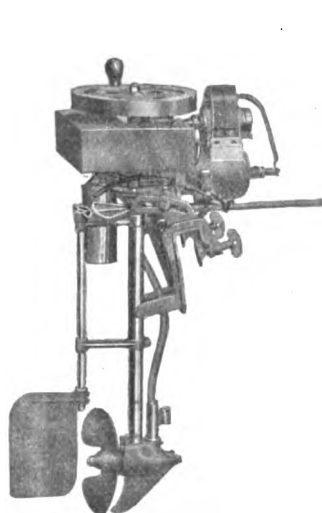
- No. 300—Metal Frame, 8 inches Square, 3/4 inch Diameter Tubes, 3/4 inch Mesh Brown Net, 30 inches Long, Size when Collapsed 3/4 x 8 x 8 inches, Can be Put in Basket or Bag, Weight Each 8 Oz.\$15.00

The frame keeps the net extended, guaranteed to float no matter how many fish may be put in.

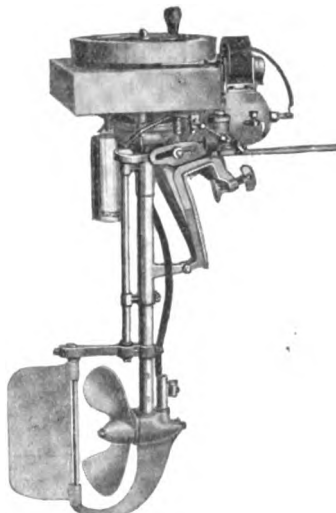
Wisconsin

Detachable
Row Boat Motor

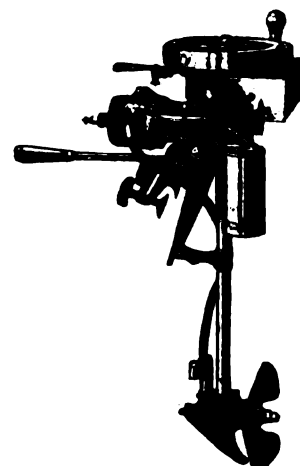
More real experience has gone into the Wisconsin than into any other Outboard Motor on the market. It never was an experiment. It was first produced in response to a big demand for a Rowboat Motor built by long experienced Motor Makers. It was a success from the start.



Model "M" 2 H. P.



Model "N" 3 1/2 H. P.



Model "J" 2 H. P.

MODELS L, M AND N

These models are equipped with our independent Rudder giving constant control over the boat even when motor is still. It is not necessary to keep the motor running until landing is made. Shut off the power and with the rudder you will make an easy landing just where you wanted to.

Average speed obtained will vary from 6 to 9 miles per hour. The gasoline tank capacity is one gallon, sufficient for four hours' steady run. These models are equipped with the water cooled noiseless Wisconsin Silencer.

MODELS J AND K

These models are not only used on rowboats but are very frequently installed in canoes. The independent rudder is replaced by a swinging propeller with self-locking tiller. A twist of the wrist locks the propeller in any desired position. No more tired arms from holding the tiller against the natural propeller thrust. Once the tiller is locked the propeller is firm same as on the higher priced motors.

Speed obtainable on rowboats, 6 to 9 miles per hour. On canoes up to 11 miles per hour.

SPECIFICATIONS:

All Wisconsin Rowboat Motors are of two-cycle type with speed ranging from 200 to 900 R. P. M. The Cylinder, Piston, Piston Rings and Crankshaft are ground to micrometer size. All motors are equipped with interchangeable white metal die cast bearings. The Drive Gears are cut of steel and run in a watertight case. The Propeller Shaft is made of Naval Bronze and provision is made to take up the side thrust and wear. All parts which come in contact with water are made of brass or bronze and all models can therefore be used in salt water. The Supporting Bracket is of malleable iron and has the patented top adjustment, making it possible to change the angle without the necessary bending overboard.

HIGH-TENSION MAGNETO

Models K, M and N are equipped with a special reversible waterproof true high tension Magneto. A system that has been tried out for many years, and which is used by all manufacturers of high grade automobiles, aeroplanes, marine and stationary engines.

DIRECT DRIVE

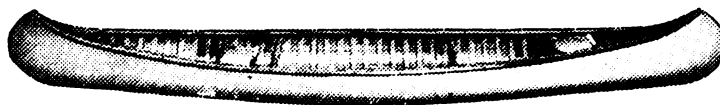
All Models have patented positive drive. Crank and Drive Shafts are milled to halves and guided by a steel tube. The motor power is thus delivered direct to the propeller shaft regardless of the up and down adjustment. No complicated keys, pins, couplings to get out of order. Simple and strong—this drive is a feature found exclusively on the Wisconsin.

PRICES

	Each
Model O—Canoe Motor, Weight 50 Lbs. Complete.....	\$ 80.00
Model J—2 H. P., Row Boat or Canoe Motor, with Coil and Batteries, Weight 50 Lbs., Complete.....	80.00
Model K—2 H. P., Row Boat or Canoe Motor, with High Tension Magneto, Weight 54 Lbs., Complete.....	104.00
Model L—2 H. P., Row Boat Motor, with Rudder and Silencer, Coil and Batteries, Weight 55 Lbs., Complete.....	104.00
Model M—2 H. P., Row Boat Motor, with Rudder and Silencer, High Tension Magneto, Weight 59 Lbs.....	128.00
Model N—3 1/2 H. P. Row Boat Motor, with Rudder and Silencer, High Tension Magneto, Weight 95 Lbs.....	192.00
Attachment for Using Row Boat Motor on Canoe.....	17.00
Attachment for Using Canoe Motor on Row Boat.....	17.00
Canvas Carrying Case for all 2 H. P. Models.....	4.24
Pulley and Pump Fittings for Stationary Use.....	5.10

MULLINS CEDAR CANOES

CAN NOT SINK



Mullins Improved Charles River Model—The King of All Canoe Models—The Easiest to Paddle.

Steady, Stable, Safe. Mullins Canoes cannot sink. In each end is a Mullins Buoyancy Pad having sufficient buoyancy to float a capsized water filled canoe and keep two people from sinking.

Brief Specifications—Ribs and planking of Cedar. Stems of Ash. Gunwales of Clear Grained Spruce. Thwarts and Seat Frames of Ash or Maple. Bang Plates—Specially designed heavy half-round polished brass. Decks—Clear Maple. Best grade one-piece heavy canvas cover. Colors—Yale Blue, Harvard Red or Coach Green.

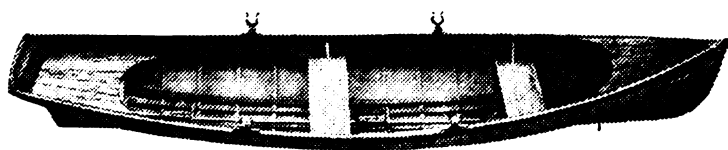
	Each
Mullins—16 foot "Yale" (Standard Grade), Including Keel and Open Gunwales, Weight Crated 95 Lbs.	\$60.00
Mullins—16 foot "Yale" (I. X. L. Grade), Including Keel and Open Gunwales, Weight Crated 95 Lbs.	70.00
*Mullins—17 foot "Sponson" (Standard Grade), Including Keel and Open Gunwales, Sponson Sides and Brass Bound Stems, Weight Crated 130 Lbs.	79.00
*Mullins—17 foot "Sponson" (I. X. L. Grade), Including Keel and Open Gunwales, Sponson Sides and Brass Bound Stems, Weight Crated 130 Lbs.	87.00

The I. X. L. Grade is made from hand selected timber, matched to secure uniformity of color, and has a slightly higher grade finish than the Standard grade.

*A Sponson Canoe is far safer than the Yale Canoe because in the Sponsons on sides not only possesses as much buoyancy as air tanks, but prevent the canoe from tipping over. The best canoe for rough water.

MULLINS PRESSED STEEL ROW BOATS

The "Prince" is a very fine family and pleasure resort boat. Rows easily, it is a first-class fishing boat.



The "Sultan" is an admirable boat for family use where a good capacity is required. The best boat for children as it is roomy and steady.

Finished in Aluminum Outside, Light Blue Inside, Natural Wood Trimmings, Large Air Chambers Under Decks Like a Lifeboat.

	Each
Prince Row Boat—Furnished with Bottom Boards, Rowing Braces, Two Pairs Oar Locks, Tying Rings at Bow and Stern, Air-Tight Compartments and One Pair 7½ foot Straight Ash Oars, Length 14 feet, Beam 44 inches, Height at Bow 22 inches, Stern 21½ inches, Amidship 13½ inches; Weight about 235 Lbs., Crated.	\$60.00
Sultan Row Boat—Same as Prince, but Length 16 feet, Beam 50 inches, Height of Bow 25 inches, Stern 23½ inches, Amidship 15 inches, Weight about 275 Lbs., Crated.	69.00

Advantages of a Pressed Steel Row Boat—Constructed of strong galvanized steel plates, pressed to perfect and rigid form. The hull is thoroughly braced and strengthened by a frame of the best oak keel and steam-bent oak ribs. It does not absorb water. It will not warp or rot. Will not leak because the joints are made by countersinking, riveting and soldering. It cannot sink as it is equipped with tested air chambers. Give it a coat of paint in the spring and you have a dry boat each season. It is Lighter, More Durable and Easier to Row than a Wooden Boat.

Note—All the above Canoes and Boats are shipped from Factory only, F. O. B. Salem, Ohio. Freight rate from Salem to Milwaukee is \$1.80 per 100 Pounds.

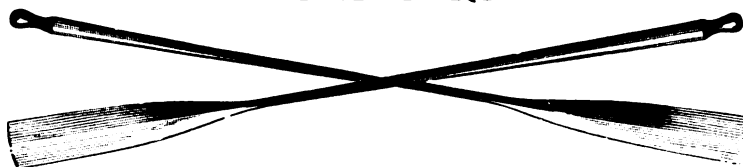
LIFE PRESERVER PILLOWS



Made of Best Artificial Leather, Filled with Kapok, a Light, Downy, Non-Absorbent Fibre which is Capable of Sustaining a 200 Pound Person Afloat in Water for Forty-eight Hours.

No. 1—14 inches Square, Water and Weather Proof.	Per Dozen \$16.80
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BOAT OARS



Neptune, Best Quality Western White Ash, Plain Tip.

No. 5—Straight Blade, Lengths 6, 6½, 7, 7½, 8, 9, 10 and 12 feet Per Foot \$0.16



Neptune, Best Quality Western White Ash, Copper Tip.

No. 7—Straight Blade, Lengths 7, 8, 9, 10 and 12 feet Per Foot \$0.18

Neptune, Selected Quality Western White Ash, Brass Tip.

No. 17—Straight Blade, Lengths 6, 6½, 7, 7½ and 8 feet Per Foot \$0.18½

Neptune, Best Quality Spruce, Copper Tip.

No. 8—Straight Blade, Lengths 6, 6½, 7, 7½ and 8 feet Per Foot \$0.19½

COPPER OAR TIPS

Extra Copper Tips—For Nos. 7 and 8 Oars Per Dozen \$1.50

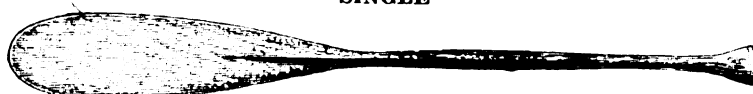
SPOON OARS



No. 10—Neptune, Best Quality Spruce, Copper Tipped and Leathered, Oiled and Varnished, Well Formed and Balanced, Exceedingly Strong and Light, Lengths 7, 7½ and 8 feet Per Foot \$0.50

CANOE PADDLES

SINGLE



Regulation Style.

No. 1—4½ and 5 feet Long, Northern Fir Each \$1.50
 No. 2—4½, 5 and 5½ feet Long, Spruce 2.00
 No. 3—4½, 5 and 5½ feet Long, Maple 2.30



Hunters' Style.

No. 11—5 feet Long, Ash Each \$2.00
 No. 12—5 feet Long, Maple 2.30

DOUBLE



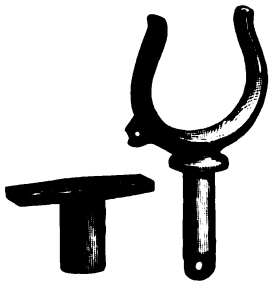
No. 20—8½ feet Long, Spruce, Double Jointed, Nickel Plated Mountings Each \$5.00

PUSH PADDLES

No. 19—Neptune, Best Quality Maple, Finely Varnished, Length 9½ feet Each \$2.50

Note—Our Oars are all Selected Quality. We do not carry Seconds or Culls.

OAR LOCKS



Malleable Iron.

Per Pair

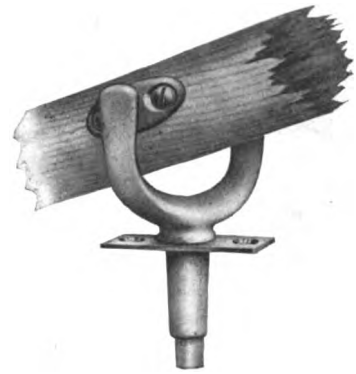
- No. 125—Plain, 2 inch Opening\$0.24
- No. 125 1/2—Plain, 2 1/4 inch Opening36
- No. 140—Galvanized, 2 inch Opening36
- No. 140 1/2—Galvanized, 2 1/4 inch Opening44



NORTH RIVER, Malleable Iron.

Per Pair

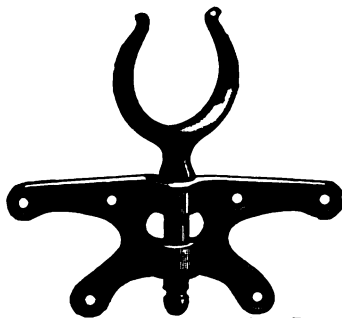
- No. 170—Galvanized, 2 inch Opening, with Socket and Pin\$0.34
- Per Dozen
- Extra Sockets, for No. 170 Oar Locks\$0.72
- Don't compare our price with the Cast Iron Oar Locks sold as Malleable by some jobbers.



WISCONSIN, Malleable Iron.

Per Pair

- No. 370—Galvanized, 2 inch Opening\$0.70
- Combines all the good features, with none of the faults of the North River Oar Lock. The oak is not weakened by a pin through the loom. The bearings work on side plates which are fastened with screws to the oar.



SIDE PLATE, Malleable Iron.

For 6 and 7 foot Oars Only.

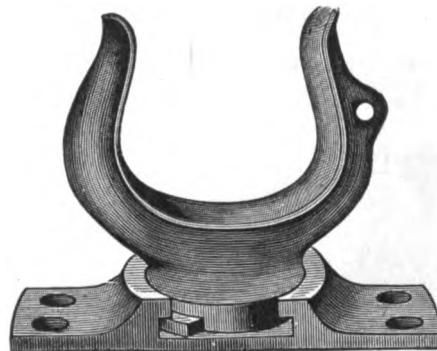
Per Pair

- No. 200—Plain, 1 1/2 inch Opening\$0.40
- No. 202—Galvanized, 1 1/2 inch Opening56

EXTRA SIDE PLATES

Per Single Doz. Pieces

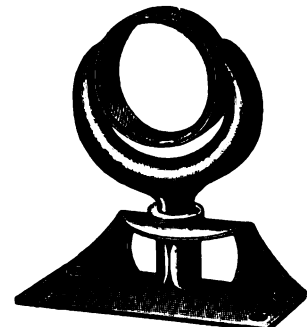
- No. 0200—For No. 200\$1.75
- No. 0202—For No. 202 2.00



PATENT SWIVEL, 2 inch Opening.

Per Pair

- No. 185—Malleable Iron, Galvanized\$1.10
- No. 285—Polished Brass 3.00



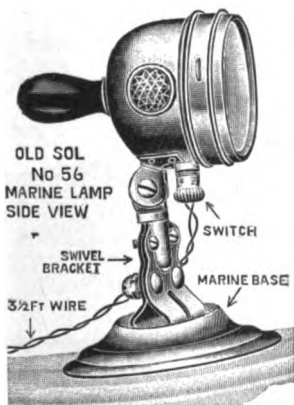
CAMPBELL, Pressed Steel, Polished Nickel Finish.

Per Pair

- No. 500—Cold Rolled Pressed Steel, Best Quality Oak Tanned Leathered 2 inch Ring. Ring and Yoke are Removable from Sockets\$1.25
- A lock that will hold the oar in perfect balance, giving perfect, absolute freedom of motion as to dip, stroke and slip. A thoroughly tested lock, a guarantee of safety.

MOTOR BOAT SEARCHLIGHT

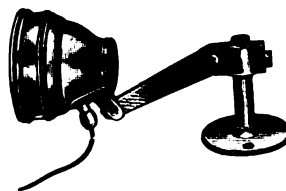
These Electric Outfits are Especially Constructed and Arranged for Use on Motor and Row Boats.



"OLD SOL" MOTORBOAT

Throws a Bright Light Fully 300 feet. Each

- No. 56—Full Nickel Plated, 4 inch Face, with Port and Starboard Signals, 3 1/2 foot Duplex Cable, On and Off Switch Plug, Swivel Bracket and Deck Base, Operates on Two No. 6 Batteries, without Battery\$7.00
- A high class powerful searchlight.



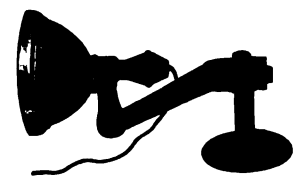
"OLD SOL" ROW BOAT

Full Nickel Door and Trimmings, Black Enameled Body.

Per Outfit

- No. 510—Large Size, 4 inch Lamp, Highly Polished Silver Reflector, Red Rear Signal, Switch Plug in Base of Lamp, with 24 inch Wiring and Terminals, for Batteries, Single Contact Bulb Provided with Ediswan Base and Highly Efficient Tungsten Filament, 2.8 Volt, 2 C. P., 2 Cell Battery Box, Complete with Galvanized Deck Base and Stem, without Battery\$4.00

Operates on two No. 6 Batteries.



"OLD SOL" ROW BOAT

Black Enameled Body.

Per Outfit

- No. 430—Front of Lamp 5 inches, Silvered Reflector, 24 inch Cable, with Copper Terminals Attached to Off and On Switch Plug at Rear of Lamp, Bulb Ediswan Base, 2.8 Volt, 2 C. P., with Highly Efficient Tungsten Filament, Two Cell Battery Box, Complete with Galvanized Deck Base and Stem, without Batteries\$3.00

Operates on two No. 6 Batteries.

A large attractive headlight of high grade that throws a powerful light.



ANCHORS



Net or Trawl, Stationary, Wrought Iron.

Nos.	12A	15A	18A
Weight Each, Pounds.....	12	15	18
Black, Per Pound.....	\$0.14	.14	.14
Galvanized, Per Pound.....	.20	.20	.20

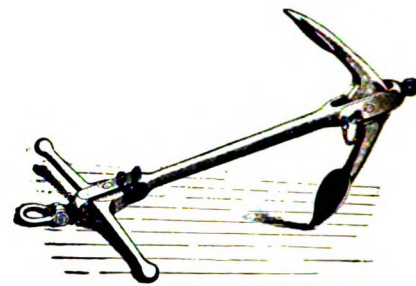


Nos. 12 to 18.

Dirigo Folding, Galvanized Iron.

Nos.	0
Weight Each, Pounds.....	4
Each	\$1.50

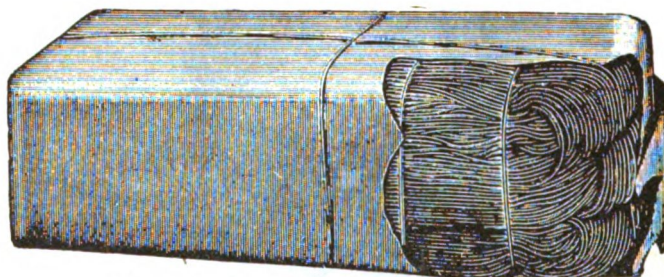
Folds Compactly, as Shown in Cut.



Open.

Closed.
Nos. 0 to 2.

SEINE TWINE



No. 9	No. 24	No. 42
No. 12	No. 27	No. 48
No. 15	No. 30	No. 54
No. 18	No. 33	No. 60
No. 21	No. 36	No. 72

In Hanks.

Medium Laid.

No. 9	Per Pound
No. 12	\$0.53
Nos. 15 to 120	.51
	.50

Soft Laid.

No. 6	Per Pound
Nos. 12, 16 and 20	\$0.56
Nos. 36 to 42	.50
	.56

Hard Laid.

In One-half Pound Balls.

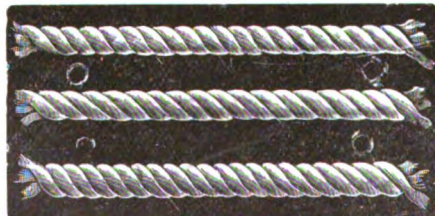
Medium Laid, Nos. 18, 21, 24, 27 and 36	Per Pound
	\$0.51

Five Pounds in a Bundle.

TROT LINES



Trot Lines in Balls.



Cut Shows Exact Size.

75 Yards to the Ball.

No. 0—1	Pound Balls, Small	Per Pound
No. 1—1 1/4	Pound Balls, Medium	\$0.46
No. 2—1 1/2	Pound Balls, Large	.46
No. 3—1 3/4	Pound Balls, Extra Large	.46

STAGING LINES



Cut Shows Exact Size of No. 12.

In 2 Ounce Balls.

No. 12—Three-Ply Cotton	Per Pound
	\$0.50

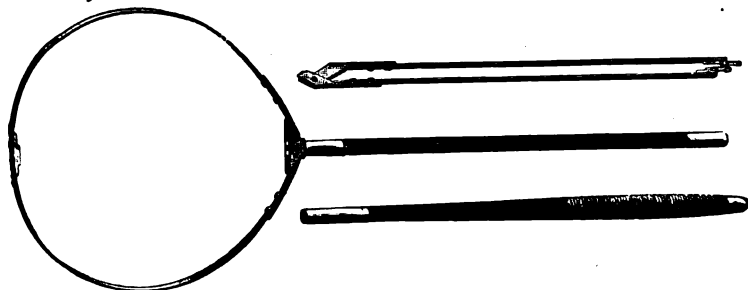
Five Pounds in a Sack.

Note—We do not Break Packages.

Seine Twine sold at lowest market prices. Prices quoted on application.



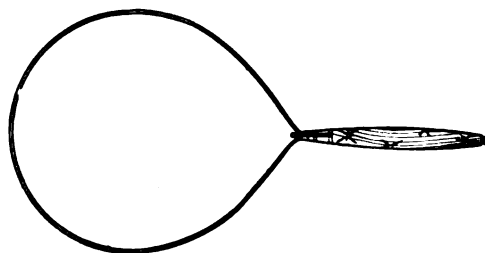
LANDING NET FRAMES



Collapsible, Best Tempered Steel.

- No. 1—Neptune Bass Frame, 14x15 inch Nickel Plated Steel Ring, 4 foot Jointed Wood Handle, Nicely Stained and Varnished.....**\$20.00** Per Dozen
- No. 1½—Leader Bass Frame, 14x15 inch Japanned Steel Ring, 4 foot Jointed Light Wood Handle... **16.00**
- No. 2—Neptune Trout Frame, 10x11 inch Nickel Plated Steel Ring, 12 inch Mottled Bamboo Handle, with Swivel Hook to Fasten on Button or Belt **10.00**

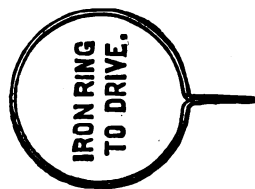
All Above, One in a Partitioned Cloth Bag.



Not Collapsible.

- No. 2½ Leader—9x10½ inch Nickel Plated Steel Bow, 12 inch Mottled Handle with Ring.....**\$3.80** Per Dozen
A Dandy Net for Trout Fishing.

NET RINGS



Nos. 12 to 18.



No. 118.

Round, Aluminum Coated, to Drive.

Nos.	12	14	16	18
Diameter, Inches	12	14	16	18
Per Dozen	\$2.50	3.00	3.50	4.00

D Shape, Galvanized Wire, to Drive.

- No. 118—18 inch Diameter**\$5.00** Per Dozen

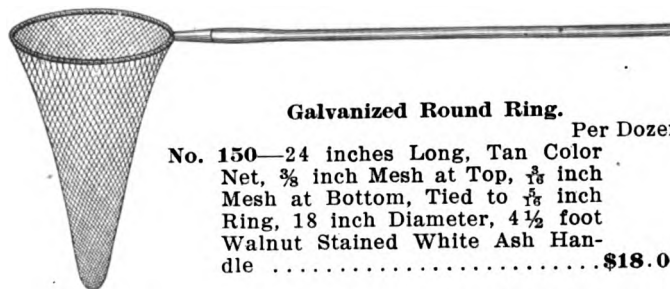
MINNOW DIP AND LANDING NETS



Steel Bow, Linen Net.

- No. 42—Size of Ring 14 inches, with 4 foot Jointed Bamboo Handle and 18 inch Cotton Dip Net, ¼ inch Mesh**\$17.00** Per Dozen

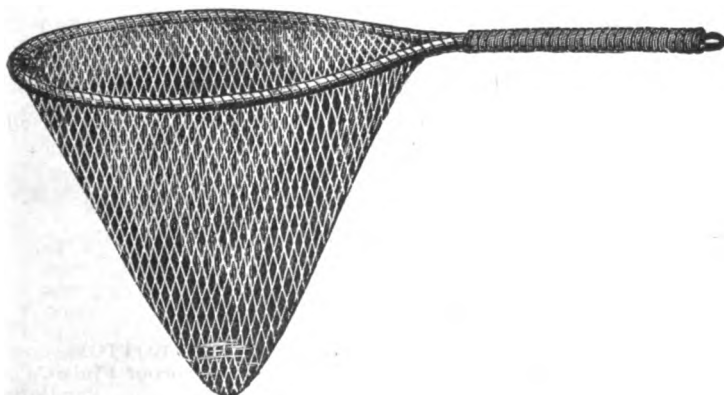
The bows are secured in a heavy brass fork or yoke, with screw shank, thus making the handle and bow secure when in use and easily detached.



Galvanized Round Ring.

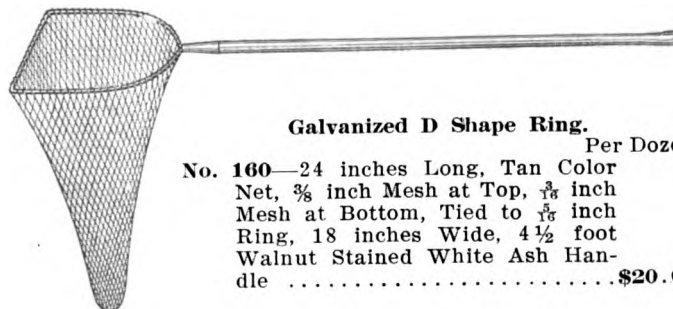
- No. 150—24 inches Long, Tan Color Net, ¾ inch Mesh at Top, ⅜ inch Mesh at Bottom, Tied to ⅝ inch Ring, 18 inch Diameter, 4½ foot Walnut Stained White Ash Handle**\$18.00** Per Dozen

- No. 151—30 inches Long, Square Bottom Dark Color Cotton Net, ¾ inch Mesh Throughout, Tied to ⅝ inch Ring, 18 inch Diameter, 4½ foot Walnut Stained White Ash Handle..... **18.00**



Rattan Frame, Linen Net.

- No. 8—8 inch Rattan Bow, with 8 inch Black and White Fancy Handle, Imitation of Celluloid, Mounted with a 16 inch Black Linen Landing Net.....**\$7.00** Per Dozen



Galvanized D Shape Ring.

- No. 160—24 inches Long, Tan Color Net, ¾ inch Mesh at Top, ⅜ inch Mesh at Bottom, Tied to ⅝ inch Ring, 18 inches Wide, 4½ foot Walnut Stained White Ash Handle**\$20.00** Per Dozen

- No. 161—30 inches Long, Square Bottom Dark Color Cotton Net, ¾ inch Mesh Throughout, Tied to ⅝ inch Ring, 18 inches Wide, 4½ foot Walnut Stained White Ash Handle..... **18.00**



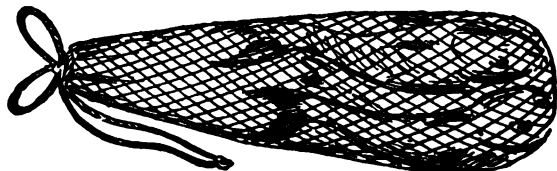
AQUARIUM NETS



For Dipping up Minnows and Small Fish.

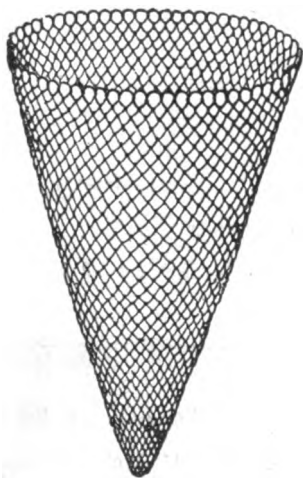
No. 0—Aquarium, 4 inch Ring, 9 inch Handle. Per Dozen \$2.00

FISH BAGS

For Carrying and Keeping Fish Alive.
With Draw String and Ring.

Nos.	14	16
Mesh, Inches	1	1
Twine, No.	16	16
Length, Inches	24	30
Per Dozen	\$5.00	6.50

MINNOW DIP AND LANDING NETS



Style of Dip and Landing Net.

COTTON DIP, HAND MADE, SEAMLESS

 $\frac{3}{8}$ inch Bottom Mesh, $\frac{1}{2}$ inch Top Mesh, Light Brown.

Nos.	18	20	24	30
Size, Inches	18	20	24	30
Per Dozen	\$6.50	8.00	9.00	13.00

COTTON DIP, MACHINE MADE, SEAMED, WHITE

Nos.	418	424
Size, Inches	18	24
Per Dozen	\$4.80	7.50

COTTON LANDING, HAND MADE, SEAMLESS

Light Weight, White, $\frac{3}{4}$ inch Mesh.

Nos.	118	124	130	136
Length, Inches	18	24	30	36
Per Dozen	\$2.50	3.50	4.50	5.50

COTTON LANDING, MACHINE MADE, SEAMED

1 inch Mesh, White.

Nos.	618	624
Size, Inches	18	24
Per Dozen	\$2.00	3.20

LINEN LANDING, HAND MADE, SEAMLESS

 $\frac{3}{4}$ inch Mesh, White.

Nos.	224	230
Length, Inches	24	30
Per Dozen	\$4.00	5.00

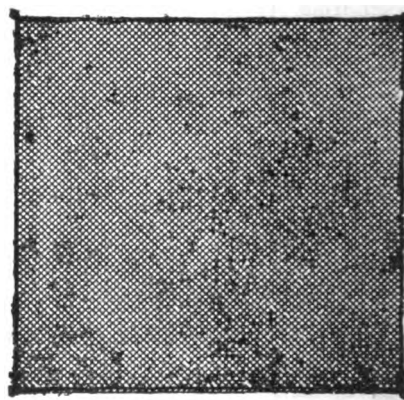
TROUT NETS



Folding Spring Steel Frame, Three Joints, Japanned.

No. 839—14 inch Diameter, 18 inches Deep, $\frac{1}{2}$ inch Mesh Brown Linen Net, Brass Screw Connections. \$24.00
This Net folds flat, 14 inches long when folded and can be carried in pocket. Will fit handles of Nos. 1, 1 $\frac{1}{2}$ and 2 Collapsible Net Frames on preceding page or handles to any Harrimac Net Frame.

SQUARE DIP NETS



Cotton, Made of Size 12 Twine.

Size, Feet	4x4	5x5	6x6	7x7	8x8
1 inch Mesh. Each, \$0.55	.75	1.00	1.35	1.75	
1 $\frac{1}{4}$ inch Mesh. Each, .50	.65	.85	1.20	1.45	
1 $\frac{1}{2}$ inch Mesh. Each, .42	.60	.80	1.05	1.35	
2 inch Mesh. Each, .42	.60	.80	1.05	1.35	

COMMON CRAB NETS WITHOUT CENTER BAG

Same Style as Above Dip Nets, but Made of 20/6 Cable Twine.

Size, Feet	3x3	4x4	5x5
Mesh, Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Each	\$0.90	1.15	1.70

SUCKER NET

Linen, 1 $\frac{1}{2}$ inch Mesh, 25 Thread.

Nos.	5	6
Size, Feet	5x5	6x6
Per Dozen	\$5.50	6.50

Note—Dip and Crab Nets shipped from factory only F. O. B. Chicago, Ill.

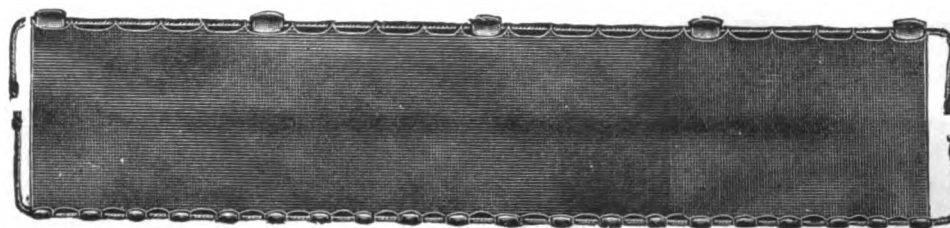
LANDING NETS

TAN LINEN, HAND MADE, SQUARE BOTTOM
 $\frac{3}{4}$ inch Mesh, Extra Fine Quality, Waterproof Finish.

No.	Per Dozen
No. 320—20 inches	\$4.00
No. 324—24 inches, for No. 1 $\frac{1}{2}$ Leader Landing Net Frame	5.00
No. 330—30 inches, for No. 1 Neptune Landing Net Frame	7.50
No. 336—36 inches	9.00



COMMON SENSE MINNOW SEINES



Complete with Floats and Sinkers.

Size, Feet	8x4	10x4	12x4	15x4	20x4	25x4	30x4
Each	\$1.20	1.50	1.80	2.20	2.90	4.80	5.00

The Common Sense Minnow Seine is made of strong woven netting of mesh of about $\frac{1}{4}$ inch. While this Seine is not offered as equal to the regular Knit Seine of $\frac{1}{4}$ inch, it is offered as a substitute, in a measure, as a much cheaper article, and will answer the purpose, when parties only wish to use a Seine a few times and not make a large investment. Give these Seines a trial and we will guarantee they will give satisfaction. This Seine, in size of mesh, overcomes the objection, when parties want to take a smaller minnow than can be caught in the $\frac{1}{4}$ inch mesh at bar.

NEPTUNE SLIPLESS MINNOW SEINES

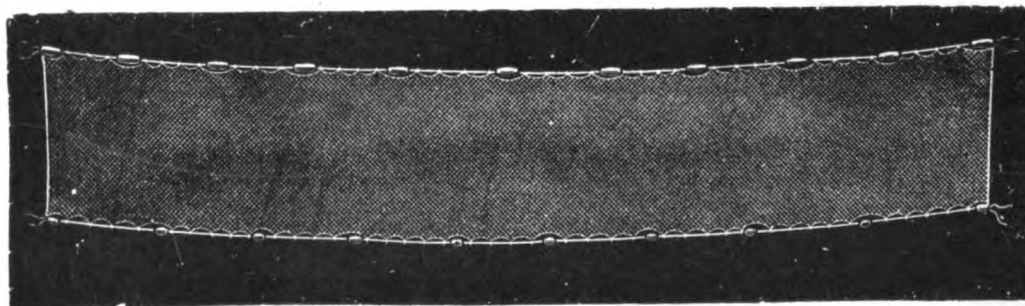
 $\frac{1}{4}$ inch Mesh, Complete with Floats and Sinkers.

Size, Feet	8x4	10x4	12x4	15x4	20x4	25x4	30x4
Each	\$1.50	1.90	2.80	2.80	3.70	4.50	5.50

Slipless Minnow Seines are woven in a manner entirely new to minnow seine construction. This weave prevents the threads from slipping and enlarging the mesh.

NEPTUNE MINNOW SEINES COMPLETE

MINNOW SEINES COMPLETE



Made of superior quality No. 20-6 cord patent cable laid seine twine, mounted on lines with never-sink white cedar floats and our improved cast lead sinkers complete, ready for use, except extra hauling lines. Floats are spaced 2 feet apart and sinkers 8 inches apart.

$\frac{1}{4}$ inch Square Mesh					$\frac{3}{8}$ inch Square Mesh			
Depth	3 ft.	4 ft.	5 ft.	6 ft.	3 ft.	4 ft.	5 ft.	6 ft.
10 feet	\$2.18	\$2.78	\$3.38	\$3.99	\$1.16	\$1.43	\$1.70	\$1.97
15 feet	3.26	4.16	5.07	5.97	1.74	2.15	2.55	2.95
20 feet	4.35	5.56	6.76	7.97	2.32	2.86	3.40	3.94
25 feet	5.43	6.94	8.45	9.96	2.90	3.57	4.25	4.92
30 feet	6.53	8.34	10.15	11.96	3.48	4.29	5.10	5.90

Note—Common Sense and Neptune Slipless Minnow Seines are carried in stock; balance shipped direct from our factory in Chicago.

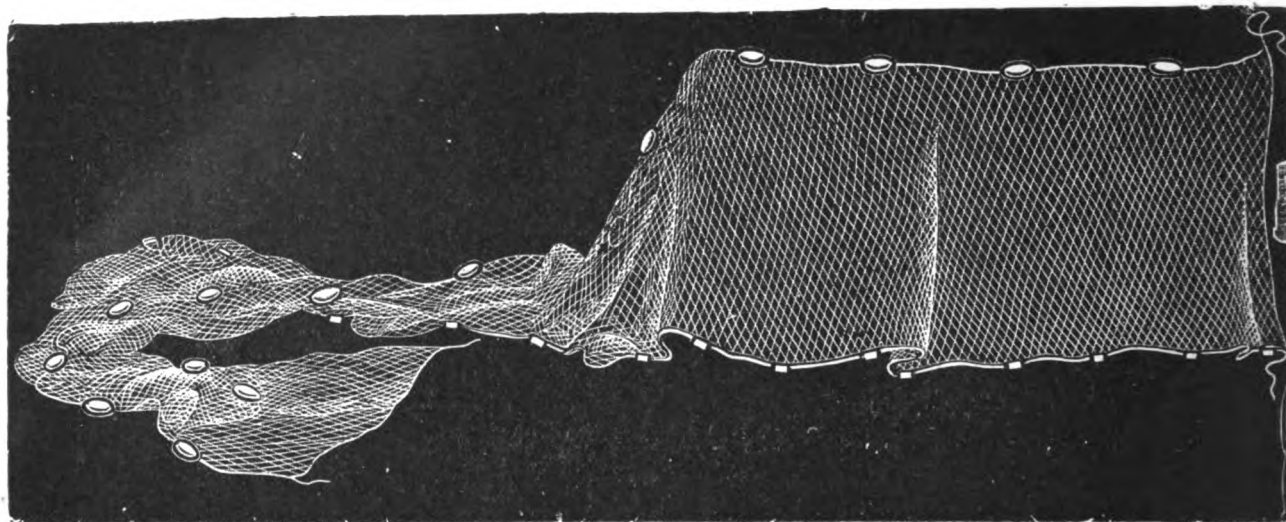
For Tarring or Barking add 15 per cent. When ordering Seines be careful to mention correct Length, Depth, Size of Mesh and Size of Twine, as all Seines are made to order and cannot be exchanged or returned. Examine all Seines carefully before using, as they cannot be returned after having been in the water.



SEINES



"NEPTUNE" STRAIGHT OR DRAG



Complete, for Lake or River Fishing.

Prices quoted below are each, for Seines all rigged complete, including Buoys, Leads, etc., ready for use, except Hauling Lines.

Size Twine	9 Soft			12 Soft					16 Soft				
Size Mesh	1 in.	1 ¼ in.	1 ½ in.	1 in.	1 ¼ in.	1 ½ in.	1 ¾ in.	2 in.	1 in.	1 ¼ in.	1 ½ in.	1 ¾ in.	2 in.
20x4 ft..	\$ 1.48	\$1.27	\$1.13	\$ 1.72	\$ 1.45	\$1.24	\$1.10	\$1.02	\$ 2.13	\$ 1.73	\$ 1.49	\$1.27	\$1.14
30x5 ft..	2.56	2.13	1.91	2.99	2.48	2.13	1.84	1.70	3.75	3.02	2.59	2.18	1.92
40x6 ft..	3.86	3.19	2.83	4.56	3.73	3.19	2.73	2.51	5.80	4.61	3.92	3.27	2.87
50x6 ft..	4.80	3.95	3.51	5.65	4.64	3.97	3.38	3.10	7.21	5.73	4.88	4.05	3.56
50x7 ft..	5.34	4.35	3.86	6.34	5.16	4.38	3.70	3.37	8.16	6.42	5.43	4.48	3.91
60x8 ft..	7.03	5.70	5.02	8.43	6.80	5.75	4.81	4.35	10.91	8.54	7.19	5.89	5.10
75x8 ft..	8.78	7.11	6.26	10.51	8.48	7.16	6.00	5.43	13.62	10.65	8.97	7.34	6.35
100x8 ft..	11.89	9.67	8.53	14.21	11.50	9.73	8.19	7.42	18.35	14.38	12.16	9.97	8.65

NETTING ONLY FOR NEPTUNE STRAIGHT SEINES

Following prices are per pound. It takes 150 yards stretched measure to make a seine 100 yards long when hung on lines.

Square Mesh.

9 Thread.				12 Thread.						15 Thread.					
Mesh, Inches	1	1 ¼	1 ½	Mesh, In..	1	1 ¼	1 ½	1 ¾	2	Mesh, Inches.	1	1 ¼	1 ½	1 ¾	2
Per Pound	\$1.16	1.16	1.10	Per Pound.	\$1.06	1.06	1.02	1.02	.98	Per Pound ..	\$0.98	.98	.96	.96	.92

When ordering Nets, be careful to mention correct Length, Depth, Size of Mesh and Size of Twine, as all Nets are made to order and cannot be exchanged. Shipped only from Chicago factory.

Examine carefully all Nets before using, as they cannot be returned after having been in the water.



NETS

"NEPTUNE" GILL OR SET



The above picture represents the way in which Gill Nets are commonly set in the great lake fisheries. These Nets are made for taking whitefish, ciscoes, trout, pickerel, bass, mullet, suckers, perch, etc. If you are not certain of the exact size of mesh and twine you need, write us what kind of fish you intend to catch, give weight, also in what kind of water, viz.: lake, river, bayou, etc. A Gill Net is made of the best quality imported linen twine. It is a single net hung on a single top and a single bottom line mounted with floats and sinkers complete, ready for use.

LINEN GILL NETS, OR SET NETS COMPLETE

Size Twine	40-3 Linen Per Yard	30-3 Linen, Per Yard						
Size Mesh	1 in.	1 ¼ in.	1 ½ in.	1¾ in.	2 in.	2 ¼ in.	2 ½ in.	3 in.
3 ½ feet Deep....			\$0.10 ½		\$0.07 ½			
4 feet Deep....	\$0.16	\$0.13	.11 ¼	\$0.10	.08 ½	\$0.08 ½	\$0.07 ¾	\$0.07 ¾
5 feet Deep....	.18	.15	.13 ¼	.11 ¼	.10 ¼	.10	.08 ½	.08 ¼
6 feet Deep....	.20 ½	.18	.15	.12	.11 ½	.11	.09 ½	.09
7 feet Deep....	.23 ½	.20 ½	.16 ½	.13	.12 ½	.12	.10	.09 ½
8 feet Deep....	.27	.23 ½	.19	.15	.13 ½	.13	.12	.11 ½
10 feet Deep....		.26 ½	.23 ¾	.17 ¼	.16	.15	.14	.13 ½
12 feet Deep....			.28	.21	.19	.18	.17	.16 ½

For Linen Netting Only for Above Nets, See Page 1524.

COTTON GILL NETS

Made of 28-4 Best Sea Island Twine.

Depth, Feet		4	5	6	7	8
1 1/4 inch Square Mesh.....	Per Running Yard,	\$0.10 1/2	.12 3/4	.14 1/4	.16	.17 1/4
1 1/2 inch Square Mesh.....	Per Running Yard,	.10	.11 1/2	.12 3/4	.14	.15
1 3/4 inch Square Mesh.....	Per Running Yard,	.08 3/4	.09 1/2	.10 1/4	.11 1/2	.12 3/4
2 inch Square Mesh.....	Per Running Yard,	.07 1/2	.08 1/4	.09	.10 1/4	.11

Cotton Gill Netting only. one-third less per yard than Complete Nets.

Note—Above Nets not carried in stock. Shipped direct from our factory in Chicago.

Note—When ordering give full description of the Net you order, stating Length, Depth, Size of Mesh and Size of Twine. We measure the size of mesh on square measurement, namely, a mesh is diamond shape and a 1 inch Square Mesh measures 1 inch on each of the four sides, or 1 inch from knot to knot. This is also called 1 inch Bar. Should you intend to order the size of mesh stretched measure, be sure and specify same clearly on your order, as nets cannot be exchanged. Examine all nets before using, as they cannot be returned after having been in the water.

BROOK NETS (NO WINGS) FIRST HOOP "D" SHAPE



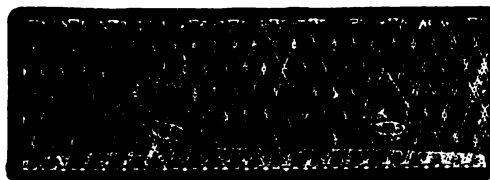
Can be furnished only in sizes listed below.

No.	Height of Mouth, Feet	Width of Mouth, Feet	Length of Net, Feet	No. of Hoops	Size of Twine, Thread	Size of Square Mesh, Inches			Each
						Front	Middle	Tail	
1	1 1/4	3	6	8	9	1 1/4	3/4	5/8	\$0.96
2	1 3/4	3 1/2	7	9	9	1 1/4	3/4	5/8	1.09
3	1 3/4	4 1/2	7	9	16-12	1 1/4	3/4	5/8	1.41
4	1 7/8	5	8	9	16	1 1/2	3/4	5/8	1.60



NETS

"NEPTUNE" TRAMMEL



All Nets with 8 inch outside mesh
No. 16 cotton twine, except $\frac{3}{4}$ inch in-
side mesh in $3\frac{1}{2}$ and 4 foot depth,
which is fitted with 6 inch outside mesh
No. 16 cotton twine.

Our Trammel Nets are hung on a Single Bottom Line, made of very best cotton obtainable, well stretched before net is hung on them. They have three nets; the two outside or walling have large mesh; the inside net is made in small mesh of best Linen Thread, and is about one-half deeper than outside net. When fish strike they draw it through large mesh of outside net, thus forming a bag from either side, from which they are unable to escape. Great care is taken in hanging these nets to lines, so they will catch every fish that strikes them. Nets made by unskilled hands will never do this.

Depth, Feet	Inside Mesh, Inches	Size Inside Twine	Number Inside Meshes	Per Yard	Depth, Feet	Inside Mesh, Inches	Size Inside Twine	Number Inside Meshes	Per Yard
$3\frac{1}{2}$	$\frac{3}{4}$	25	63	\$0.42	6	1	25	80 $\frac{1}{2}$	\$0.42 $\frac{1}{4}$
$3\frac{1}{2}$	1	25	47	.29 $\frac{1}{2}$	6	$1\frac{1}{4}$	25	64	.34 $\frac{1}{4}$
$3\frac{1}{2}$	$1\frac{1}{4}$	25	38	.25	6	$1\frac{1}{2}$	18	54	.34
$3\frac{1}{2}$	$1\frac{1}{2}$	18	32	.24 $\frac{1}{2}$	6	$1\frac{3}{4}$	18	45	.30 $\frac{1}{2}$
4	$\frac{3}{4}$	25	72	.42 $\frac{3}{4}$	6	2	16	40 $\frac{1}{2}$	.30
4	1	25	54	.30 $\frac{1}{2}$	6	$2\frac{1}{4}$	12	33	.27 $\frac{1}{2}$
4	$1\frac{1}{4}$	25	43	.25 $\frac{3}{4}$	6	3	12	27	.26 $\frac{3}{4}$
4	$1\frac{1}{2}$	18	36	.25 $\frac{1}{4}$	6	4	12	20	.23 $\frac{1}{4}$
4	$1\frac{3}{4}$	18	30	.23 $\frac{1}{2}$	7	$1\frac{1}{2}$	18	63	.37 $\frac{3}{4}$
4	2	16	27	.23	7	1	18	54	.34 $\frac{3}{4}$
$4\frac{1}{2}$	$\frac{3}{4}$	25	80	.46 $\frac{1}{2}$	7	$1\frac{3}{4}$	16	47	.34 $\frac{1}{4}$
$4\frac{1}{2}$	1	25	60	.32 $\frac{1}{2}$	7	2 $\frac{1}{2}$	12	38	.30 $\frac{3}{4}$
$4\frac{1}{2}$	$1\frac{1}{4}$	25	48	.28 $\frac{1}{2}$	7	3	12	31 $\frac{1}{2}$	.29 $\frac{3}{4}$
$4\frac{1}{2}$	$1\frac{1}{2}$	18	40	.27	7	4	12	23 $\frac{1}{2}$	.26
$4\frac{1}{2}$	$1\frac{3}{4}$	18	34	.25 $\frac{1}{4}$	8	$1\frac{1}{2}$	18	72	.41 $\frac{1}{2}$
$4\frac{1}{2}$	2	16	30	.24 $\frac{3}{4}$	8	1	18	61 $\frac{1}{2}$	.38 $\frac{3}{4}$
5	$\frac{3}{4}$	25	90	.50	8	2	16	54	.38 $\frac{1}{4}$
5	1	25	67	.37	8	$2\frac{1}{4}$	12	43 $\frac{1}{2}$	.34
5	$1\frac{1}{4}$	25	53 $\frac{1}{2}$	.30 $\frac{1}{4}$	8	3	12	36	.32 $\frac{1}{2}$
5	$1\frac{1}{2}$	18	45	.28 $\frac{3}{4}$	8	4	12	27	.28 $\frac{3}{4}$
5	$1\frac{3}{4}$	18	38	.26 $\frac{3}{4}$	10	$1\frac{1}{2}$	18	90	.55 $\frac{1}{2}$
5	2	16	34	.26 $\frac{1}{4}$	10	1	18	76	.51 $\frac{1}{2}$
5	$2\frac{1}{2}$	12	27	.24 $\frac{1}{4}$	10	2	16	68	.50 $\frac{1}{2}$
5	3	12	22 $\frac{1}{2}$	.23 $\frac{1}{2}$	10	$2\frac{1}{2}$	12	54	.46 $\frac{1}{2}$
5	4	12	17	.22 $\frac{1}{2}$	10	3	12	45	.45
					10	4	12	34	.43

LINEN NETTING ONLY

For Trammel Nets and Gill Nets.

No. of Twine		Size of Square Mesh.					
		$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	1 $\frac{3}{4}$	2
12-3	Per Pound	\$2.29	\$2.10	\$1.97	\$1.80	\$1.80	\$1.74
16-3	Per Pound	2.51	2.33	2.18	2.03	2.03	1.96
18-3	Per Pound	2.66	2.46	2.33	2.18	2.18	2.09
20-3	Per Pound	2.74	2.55	2.38	2.24	2.24	2.16
25-3	Per Pound	3.04	2.84	2.68	2.54	2.54	2.47
30-3	Per Pound	3.26	3.07	2.91	2.78	2.78	2.72
35-3	Per Pound	3.54	3.37	3.20	3.11	3.11	3.04
40-3	Per Pound	3.84	3.64	3.55	3.47	3.47	3.39
45-3	Per Pound	4.18	3.99	3.86	3.79	3.79	3.69
50-3	Per Pound	4.53	4.33	4.19	4.08	4.08	3.99
60-3	Per Pound	5.57	5.36	5.20	5.08	5.08	4.98

Note—For Barking or Tarring add 15 per cent. When ordering Seines be careful to mention correct Length, Depth, Size of Mesh and Size of Twine, as all Seines are made to order and cannot be exchanged or returned. Examine all Seines carefully before using, as they cannot be returned after having been in the water.

Above Nets not carried in stock, shipped direct from factory, Chicago, Ill.

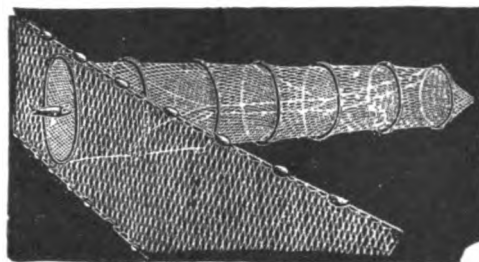


NETS



"NEPTUNE" BAIT HOOP OR FUNNEL

Shipments are Made from Our
Factory Within Two or
Three Days of Receipt
or Order.



Cut Shows Net with Wings.

Complete with Bait Bag.

Note—These Nets are all properly made with ample amount of Netting, with true size mesh and twine as listed.

Funnel Nets, without Wings.

Nos.	Height at Mouth Feet	Throats	Length Feet	No. of Hoops	Size of Mesh	Size of Twine	Complete with Hoops	Wings only without Hoops
2	2	Sgl.	6	4	$\frac{3}{4}$	9	\$1.91	\$0.96
2½	2½	Dbl.	8	6	1	16	2.94	1.59
3	3	Dbl.	10	6	1½	24	3.69	2.21
4	4	Dbl.	16	7	2 -1¾-1½	24	4.61	2.64
4-A	4	Dbl.	16	7	2 -1¾-1½	28	5.16	3.20
4-B	4	Dbl.	16	7	2 -1¾-1½	32	5.65	3.67
4½	4½	Dbl.	18	8	2½-2 -1½	24	5.42	3.10
5	5	Dbl.	18	8	2½-2 -1½	28	6.59	4.10
6	6	Dbl.	18	8	2½-2 -1½	28	7.99	4.85
0-2½	2½	Dbl.	8	6	1	24	3.70	2.23
0-3	3	Dbl.	10	6	1	24	5.26	3.57
0-4	4	Dbl.	16	7	1	24	8.54	6.23
0-5	5	Dbl.	18	8	1	24	11.81	8.78
0-6	6	Dbl.	18	8	1	24	13.91	10.10

Fyke Nets, with Wings

Size each Wing	Complete with Wings and Hoops	Extra Wings, per Yard
6 ft. 1 in.- 9	\$ 2.74	\$0.20¾
6 ft. 1¼ in.- 9	3.64	.17½
9 ft. 1½ in.- 9	4.70	.16¾
12 ft. 2 in.-12	5.88	.16
12 ft. 2 in.-12	6.44	.16
12 ft. 2 in.-12	6.93	.16
15 ft. 2½ in.-12	7.09	.16¾
15 ft. 2½ in.-12	8.29	.17
20 ft. 2½ in.-12	10.40	.18
6 ft. 1¼ in.-16	4.56	.21½
9 ft. 1¼ in.-16	6.64	.23
12 ft. 1¼ in.-16	10.64	.26¼
15 ft. 1¼ in.-16	14.81	.30
20 ft. 1¼ in.-16	18.61	.35¼

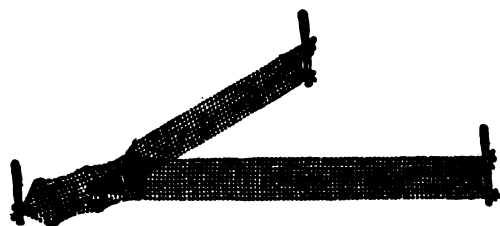
When Ordering Hoop Nets, give Number and State whether White or Tarred (for Tarring add 15 per cent), with Wings or without Wings, as all Nets are Made to Order and Cannot be Exchanged. All Tarred Work is at Owner's Risk. Shipped only from Chicago Factory.

Examine Carefully all Nets before using, as they cannot be returned after having been in the water.

BAIT BAGS

Size of Mesh.....	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$
Number of Thread.....	12	9	20-12
Per Dozen	\$1.60	2.30	3.10

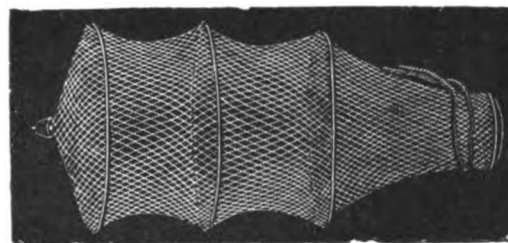
NEPTUNE MINNOW TRAP



No. 4X—Neptune Minnow Trap, In Appearance About
the Same as the Hoop or Funnel Net, Dimensions
of Bag, 1 foot at Opening, 2 feet Long, 3 Hoop, ¼
inch Mesh, No. 20 Twine, Wings Each Side 5 feet
Long, ¼ inch Mesh.....**\$5.00**

Each

LIVE FISH NETS



Cotton Seine Netting, Complete with Four Metal Hoops.

Diameter, Inches	7	10	12	14
Mesh, Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Length, Inches	18	18	24	30
Size of Twine.....	20-6	9	9	9
Per Dozen	\$4.76	3.32	4.20	5.08

These Nets are used to put fish in when caught, keeping them alive.

Note—No. 4X Minnow Traps Shipped from Stock Milwaukee. Balance of Nets on this Page F. O. B. Chicago, Ill.



WALL TENTS

Furnished in Three Grades as Described Below.



PEERLESS GRADE

This Grade is made of the very best quality of material throughout. First quality material and warranted full weight. Every yard of material used has the ounce marked on the basis of 32x36 inches.

Discount %

STERLING GRADE

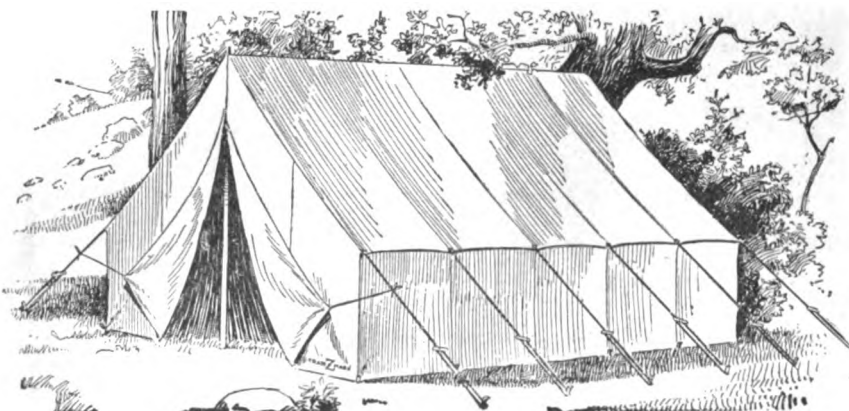
This Grade is the recognized commercial standard for years. It is high grade and every yard of material used has the ounce marked on the basis of 36x36 inches. Exceedingly well made and serviceable.

Discount %

RIVAL GRADE

A good quality medium weight, every yard 36x40 inches, weighing as marked. Well and serviceably made. Not how "cheap" but how "good" for the price.

Discount %



Complete with Poles, Stakes, Guy Ropes and Keys, but without Fly.

Size, Feet	Wall Height, Feet	Center Height, Feet	"Rival" 8 oz. Duck, Single Filling	"Rival" 10 oz. Duck, Single Filling	"Rival" 12 oz. Duck, Single Filling	"Rival" 10 oz. Duck, Double and Twisted Filling or 8 oz. Army Duck	"Rival" 12 oz. Duck, Double and Twisted Filling or 10 oz. Army Duck	"Rival" 12 oz. Army Duck	"Rival" 15 oz. Army Duck	Size, Feet
7x 7	1 3/4	6	\$ 8.00	\$ 9.35	\$11.35	\$10.35	\$12.25	\$14.55	\$17.50	7x 7
7x 9	1 3/4	6	9.50	11.05	13.55	12.30	14.60	17.40	20.90	7x 9
8x10	2	6	10.95	12.80	15.80	14.30	17.00	20.30	24.50	8x10
9x 9	2 1/4	6	10.95	12.80	15.80	14.30	17.00	20.30	24.50	9x 9
9 1/2 x12	2 1/2	6	12.90	15.05	18.55	16.80	19.95	23.80	28.70	9 1/2 x12
9 1/2 x14	2 1/2	6	14.65	17.10	21.10	19.10	22.65	27.05	32.55	9 1/2 x14
12x12	3	6 1/2	15.30	17.95	22.05	20.00	23.75	28.45	34.25	12x12
12x14	3	6 1/2	17.30	20.20	24.90	22.55	26.80	32.05	38.60	12x14
12x16	3	6 1/2	19.20	22.45	27.65	25.05	29.80	35.65	43.00	12x16
12x18	3	6 1/2	21.35	24.95	30.65	27.80	33.00	39.45	47.50	12x18
14x14	3 1/2	7 1/2	20.60	24.15	29.75	26.95	32.10	38.45	46.45	14x14
14x16	3 1/2	7 1/2	22.70	26.65	32.95	29.80	35.50	42.55	51.35	14x16
14x18	3 1/2	7 1/2	.....	29.75	36.65	33.20	39.45	47.30	57.10	14x18
14x20	3 1/2	7 1/2	.....	32.75	40.05	36.40	43.00	51.15	61.40	14x20
14x24	3 1/2	7 1/2	.....	36.90	45.10	41.00	48.10	57.25	68.75	14x24
16x16	4	8 1/2	.....	33.20	41.10	37.15	44.10	53.05	64.25	16x16
16x18	4	8 1/2	.....	36.40	45.10	40.75	48.25	58.00	70.20	16x18
16x20	4	8 1/2	.....	39.80	48.80	44.30	52.15	62.30	75.00	16x20
16x24	4	8 1/2	.....	45.20	55.30	50.25	59.05	70.40	84.65	16x24
16x30	4	8 1/2	.....	54.75	66.95	60.85	71.50	85.30	102.60	16x30
16x35	4	8 1/2	.....	61.30	74.90	68.10	80.20	95.60	114.95	16x35
18x18	4 1/2	9 1/2	.....	41.60	51.30	46.45	55.20	66.20	79.95	18x18
18x20	4 1/2	9 1/2	.....	45.45	55.55	50.50	59.70	71.10	85.45	18x20
18x24	4 1/2	9 1/2	.....	50.85	62.15	56.50	66.50	79.25	95.25	18x24
18x30	4 1/2	9 1/2	.....	60.90	74.60	67.75	79.95	95.35	114.65	18x30
18x35	4 1/2	9 1/2	.....	67.80	83.00	75.40	89.05	106.25	127.75	18x35
18x40	4 1/2	9 1/2	.....	78.55	94.26	88.65	105.15	125.40	152.00	18x40
20x24	5	10 1/2	.....	52.65	63.18	59.45	70.50	84.05	101.90	20x24
20x30	5	10 1/2	.....	63.65	76.38	71.85	85.20	101.60	123.15	20x30
20x35	5	10 1/2	.....	70.95	85.14	80.10	94.95	113.30	137.30	20x35
20x40	5	10 1/2	.....	82.35	98.82	93.00	110.25	131.50	159.40	20x40
20x50	5	10 1/2	.....	97.95	117.54	110.60	131.15	156.40	189.60	20x50

Note—Flies One-half the Price of Tents of Corresponding Size; Tents without Pole Deduct 5 Per Cent, without Poles and Pins 6 Per Cent.

PRICE LIST OF EXTRAS ON ALL WALL TENTS

Tents without Poles—Allowance for no Poles will be made as per Price List.

Extra Wall Height—Add five (5) per cent for each additional six (6) inches or fraction thereof.

Wall Poles—Are not included in price. Wall poles for five (5) foot wall at fifteen (15) cents each, net. Six (6) foot, sixteen (16) cents each, net.

Jointed or Spliced Poles—Fifty (50) cents per joint or splice, net.

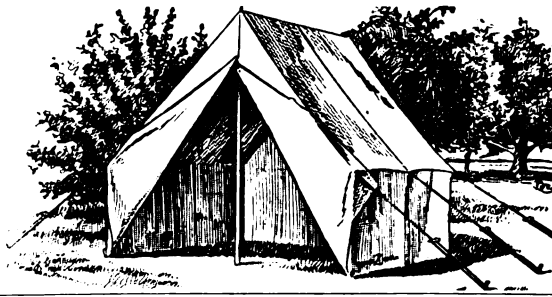
Flies—Flies complete except poles and pins are one-half the price of tent of corresponding size.

Sod Cloth—A strip of canvas nine (9) inches wide sewed to bottom of wall at two and one-half (2 1/2) cents per lineal foot, net.

Ventilators—Covered with netting and a flap which is operated by ropes from the inside of tent, \$1.50, net, extra.

Note—All Above Tents Shipped from Factory only, F. O. B. St. Louis, Mo.

BOY SCOUTS WALL TENTS



A Regulation Wall Tent especially designed for Boy Scouts. An Ideal Tent for camping and outing purposes.

Well reinforced, extra well made and finished. Complete with Poles, Stakes, Guy Ropes and Keys.

Size, Feet	Wall Height, Feet	Center Height, Feet	White Tent Drill Each	Khaki Tent Drill Each	Khaki 8-oz. Duck Each	8-oz. Army, Mildew Proof Khaki Duck Each
5x7	1½	6	\$8.00	\$ 9.00	\$10.25	\$12.25
7x7	2	6	8.75	10.00	11.25	13.75

MINERS' OR PYRAMID TENTS

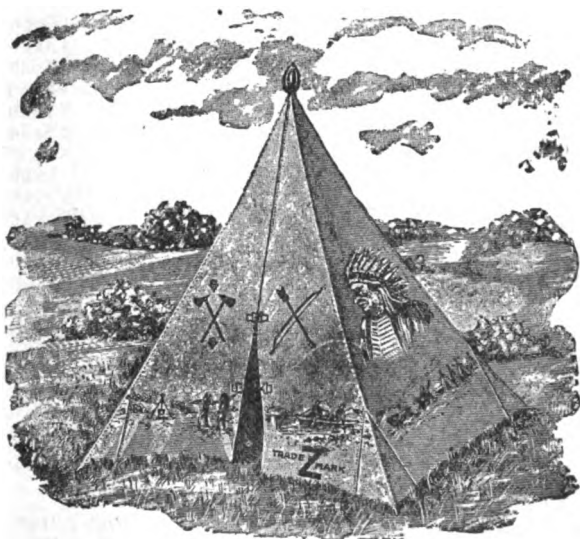


Without Wall.

Size, Feet	Center Height, Feet	8-oz. Single Filling Duck Each	10-oz. Single Filling Duck Each	12-oz. Double and Twisted Filling Duck Each
7x 7	7	\$ 4.40	\$ 5.05	\$ 7.00
9x 9	8	6.60	7.60	10.55
12x12	9	10.05	11.55	16.00

These Tents require but one pole. Adapted to miners, prospectors, headers, motor cyclists, automobilists, canoeists and sportsmen in general.

CHILDREN'S INDIAN TEPEE TENTS



Attractive Indian Scenes Printed in Red all Around. Suitable for the Nursery or Playground. Improved Construction, Easy to Erect.

4x4 feet, 4½ feet High, Square Base.		Each
No. 01—Good Quality White Tent Cloth		\$2.50
No. 02—Good Quality Tan Tent Cloth		3.00
No. 03—Fine Quality Khaki Tent Cloth		3.75
5x5 feet, 5 feet High, Square Base.		Each
No. 011—Good Quality White Tent Cloth		\$3.00
No. 012—Good Quality Tan Tent Cloth		3.50
No. 013—Fine Quality Khaki Tent Cloth		4.50

Note—All Above Tents Shipped from Factory Only, F. O. B. St. Louis, Mo.

CHILDREN'S PALMETTO TENTS

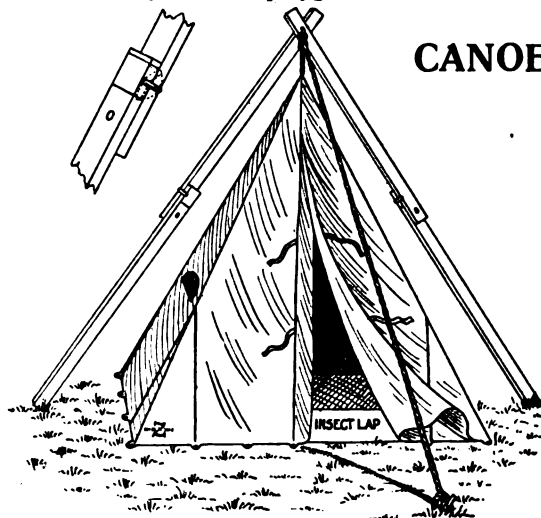


STERLING GRADE, Complete with Poles, Stakes and Guy Ropes, Selected Material, Uniform Quality.

Size, Feet	Size of Top, Feet	Side Height, Feet	Center Height, Feet	8-oz. Single Filling White Duck, Each	Blue and White or Brown and White Striped Duck Each
5x5	2	4	5	\$3.50	\$4.50
6x6	2	4½	6	5.00	6.00

Just the thing for children to play in and make an adornment for any lawn or playground.

CANOE TENTS



For
Rangers,
Miners,
Prospectors,
Canoeists,
Automobilists,
and
Sportsmen
Generally.

Thoroughly Reinforced, Complete with Poles and Stakes, Ready for Use.

Improved Construction, Made with Two Ventilators, Vents Fitted with Draw Cords, Improved Door and Insect Flap, Sectional Jointed Poles, Rigidly Constructed, Heavy Mildew Proof Floor.

Size, Feet	Center Height, Feet	8-oz. Single Filling Duck Each	10-oz. Single Filling Duck Each	12-oz. Double and Twisted Filling Duck Each
6x8	6½	\$11.00	\$12.00	\$13.50
7x7	6½	11.00	12.00	13.50
9x9	7	16.50	18.00	20.00

PAULINS OR STACK COVERS

Plain White, in Three Grades as Described Below.

PEERLESS GRADE

This Grade is made of the very best quality of material throughout. Made and finished in the best workmanlike manner, high grade in every respect.

Discount %

STERLING GRADE

The recognized Commercial Standard for years. Made of first quality materials and warranted full weight.

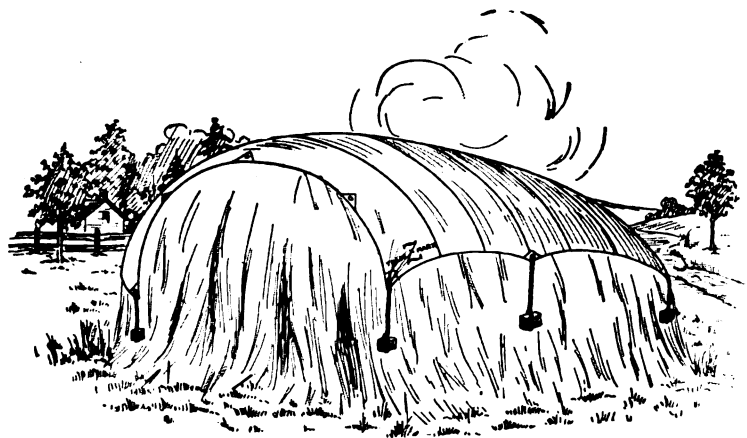
A strictly high grade Paulin. Designed to meet the requirements of those desiring a good serviceable Paulin at a reasonable price.

Discount %

RIVAL GRADE

A medium weight Paulin of good quality material.

Discount %



Our Paulins are sewed on Lock Chain Stitch Power Machines, with heavy Thread, making an elastic seam that will not break with the stretch of the duck. Finished with reinforced eyelets and tie ropes, five to six feet apart all around. Suitable for covering harvesters, binders, threshing machines, hay and grain stacks, cars, wagons, buggies, automobiles, floors, or for use over carpets and for covering all kinds of merchandise.

Size, Feet	8-oz. Single Filling Each	10-oz. Single Filling Each	12-oz. Single Filling Each	12-oz. Double Filling Each	13-oz. U. S. Army Each	15-oz. U. S. Army Each	18-oz. U. S. Army Each	20-oz. U. S. Army Each	Size, Feet
5x 9	\$ 1.25	\$ 1.50	\$ 2.05	\$ 2.45	\$ 3.45	\$ 3.80	\$ 4.35	\$ 4.60	5x 9
5x12	1.65	2.00	2.70	3.25	4.55	5.05	5.75	6.25	5x12
7x12	2.26	2.80	3.78	4.16	6.45	7.15	8.15	8.70	7x12
7x15	2.82	3.48	4.66	5.16	8.05	8.95	10.15	10.85	7x15
10x16	3.90	4.80	6.70	7.42	12.30	13.60	15.50	16.55	10x16
10x18	4.40	5.40	7.54	8.34	13.80	15.30	17.40	18.60	10x18
12x14	4.25	5.25	7.34	8.12	12.90	14.30	16.25	17.35	12x14
12x16	5.00	6.00	8.36	9.28	14.75	16.35	18.55	19.85	12x16
12x18	5.50	6.75	9.44	10.44	16.55	18.35	20.90	22.30	12x18
12x20	6.15	7.50	10.48	11.60	18.40	20.40	23.20	24.80	12x20
14x16	6.50	7.95	10.08	11.12	17.20	19.05	21.65	23.15	14x16
14x18	7.30	8.95	11.32	12.52	19.35	21.40	24.35	26.05	14x18
14x20	8.15	9.95	12.60	13.92	21.50	23.80	27.10	28.95	14x20
14x24	9.75	11.95	15.10	16.70	25.75	28.55	32.50	34.75	14x24
16x16	7.45	9.10	11.80	13.04	19.65	21.75	24.75	26.45	16x16
16x18	8.35	10.25	13.24	14.64	22.10	24.50	27.85	29.75	16x18
16x20	9.30	11.35	14.68	16.26	24.55	27.20	30.95	33.10	16x20
16x24	11.15	13.65	17.64	19.50	29.45	32.65	37.15	39.70	16x24
16x30	13.95	17.05	22.04	24.42	36.80	40.80	46.40	49.60	16x30
18x24	12.55	15.35	20.17	22.30	33.10	36.75	41.75	44.65	18x24
18x30	15.65	19.20	25.20	27.86	41.40	45.90	52.20	55.80	18x30
18x36	18.80	23.00	30.22	33.42	49.70	55.10	62.65	66.95	18x36
18x40	20.90	25.60	33.56	37.12	55.20	61.20	69.60	74.40	18x40
20x24	13.95	17.05	21.48	23.74	36.80	40.80	46.40	49.60	20x24
20x30	17.40	21.30	26.84	29.66	46.00	51.00	58.00	62.00	20x30
20x36	20.90	25.55	32.16	35.56	55.20	61.20	69.60	74.40	20x36
20x40	23.20	28.40	35.76	39.54	61.35	68.00	77.35	82.65	20x40
24x30	20.90	25.55	31.52	34.86	55.20	61.20	69.60	74.40	24x30
24x36	25.10	30.70	37.82	41.82	66.25	73.45	82.50	89.30	24x36
24x40	27.85	34.10	42.02	46.46	73.60	81.60	92.80	99.20	24x40
24x50	34.80	42.60	52.46	58.04	92.00	102.00	116.00	124.00	24x50

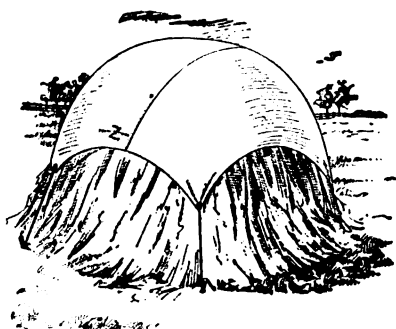
Note—When "Single Filling" or "Double Filling" is not Specifically Mentioned on 12 Oz., We Will Invariably Send "Double Filling."

HAYCOCK COVERS

Sterling Grade Discount %
Rival Grade Discount %

For Description of Grades, See Top of Page.

These Covers are made from materials which are specially made and selected for each grade, thus insuring uniformity of quality at all times. Finished with eyelets and ropes.



Size, Feet	8-oz. Single Filling Each	10-oz. Single Filling Each	12-oz. Single Filling Each
5x5	\$1.25	\$1.55	\$1.80
6x6	1.90	2.35	2.75
7x7	2.55	3.15	3.70

Note—All Above Covers Shipped from Factory, F. O. B. St. Louis, Mo.

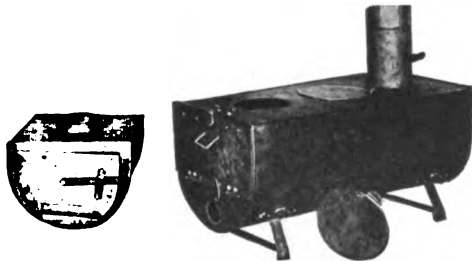
CAMP STOVES

FOLDABLE AUTO CAMP STOVE



Cut Showing Stove Set Up Ready for Use.

THE KLONDYKE CAMP COOKER



The Klondyke Kamp Kooker is made of 22 gauge smooth steel, well riveted and reinforced by heavy band iron rim. The body of the stove is built in the form of a cylinder with one side flattened to form the top and cooking surface which measures 14x30 inches, with 5 inch pipe collar. The oven is in the smoke pipe, 6 inches above the top of the stove, so that the entire cooking surface is free. It takes large wood, 28 inches long, making it possible to keep a fire ten or twelve hours. The legs are so attached that they will bear any weight liable to be put on them and will stand on soft dirt or sand.

Each
Klondyke Camp Stove, with Five 14 inch Joint Pipe, without Oven\$11.00
Extra Ovens 6.00

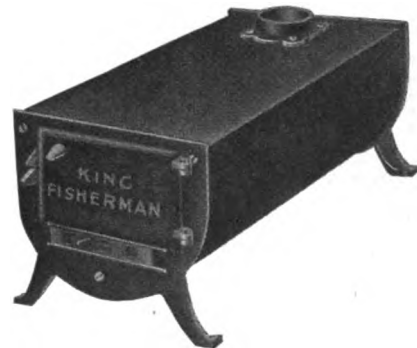


Cut Showing Stove Folded.

Each
Foldable—Dimensions when Folded 17x9x5 inches, Heavy Black Iron, Has Space Inside Large Enough to Carry Supplies or Enough Wood to Start a Fire, All Sooty or Dirty Parts Fold Inside.....\$4.00

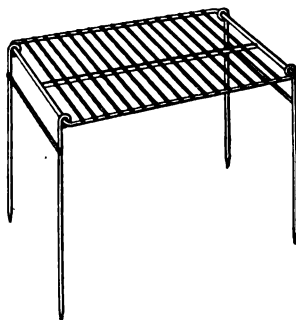
A stove which speaks for itself. Possesses all the desirable features of a cook stove. Has a built-in cup for the coffee pot, keeps it clean and is in direct contact with the fire. Each stove is wrapped in paper.

KING FISHERMAN



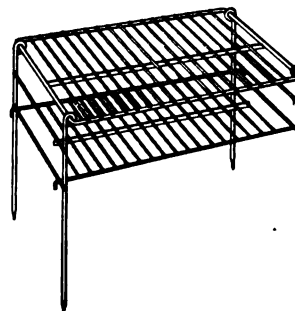
Per Dozen
King Fisherman—26 Gauge Uniform Color Steel Body, Ample Cooking Surface, Cast Iron Front and Back, Large Feed Door and Sliding Draft Damper for Controlling Fire, Cast Iron Legs are Slotted so Stove Can be Securely Fastened to Floor, 3 inch Cast Iron Smoke Pipe Collar, Extreme Dimensions 14x9x9 inches\$26.40

CAMP BROILERS OR GRIDS



Best Steel Wire, Reinforced with a Flat Steel Bar Electrically Welded Joints, Legs Fold Under.

Per Dozen
No. 3—Simplex, 10x14 inches, Tin Plated Finish.....\$6.00
The flat steel bars at each end make it rigid and prevent cross wires from warping.



Best Steel Wire, Reinforced with Flat Steel Bars, Electrically Welded Joints, with Charcoal Grate, Legs Fold Under.

Per Dozen
No. 1—Duplex, 10x14 inches, Tin Plated Finish.....\$11.00

This Grid is equipped with an adjustable grate for a charcoal fire. The charcoal is placed on the grate and ignited. If only a small fire is desired place grate on upper leg bars. When wood is used remove the charcoal grate. The flat steel bars make it rigid and prevent wires from warping. Especially adapted for automobilists and picnickers.



FISH KNIVES

VILLAGE BLACKSMITH



No. 2—Best Quality Steel, Hand Forged, Beech Handle, Iron Rivets.

Length Blade, Inches..... $3\frac{1}{2}$ 4 $\frac{1}{2}$
Per Dozen \$4.00 4.50
One Dozen in a Box.

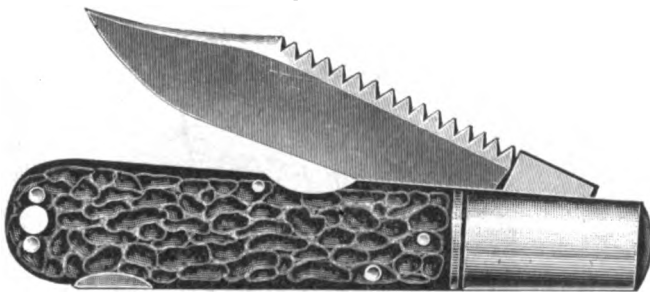
HUNTING KNIVES

MARBLE-DeWEESE



No. 62—4 inch Cutlery Steel Blade, $3\frac{1}{4}$ inch German Stag Handle, with Leather Sheath, Weight 3 Oz. \$27.60
Has a dull saw back on which thumb is placed when skinning or cutting hard substances.
Six in a Box.

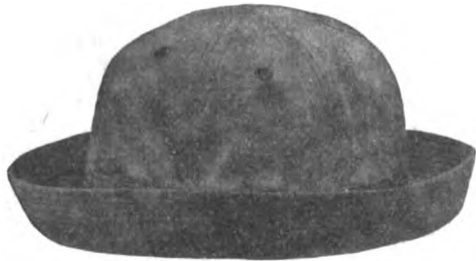
UTICA



Lock Punch Hunting and Fishing Knife.
In Leather Sheath.

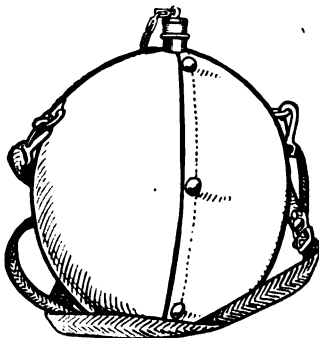
No. 1110—5 inches Long, One Large Extra Heavy Hunting Blade with Saw Back, Steel Lining and Extra Long Steel Bolster, Imitation Stag Handle. \$16.00

FISHING HATS



No. 400—Tan Army Khaki Cloth, Ventilated Crown, Sizes $6\frac{7}{8}$ to $7\frac{1}{2}$ Inclusive. \$12.00

BOY SCOUT CANTEENS



CELLO

No. 75—1 $\frac{1}{2}$ Pint, High Grade Tin Plate, All Parts Heavily Tinned, Covered with a Removable Khaki Cover with Three Snap Buttons, Heavy Adjustable Sling Strap, Weight 8 Oz. \$12.00

The Cello Canteen is regulated to U. S. Army requirements, with one side concaved so it will not bang against the hip.
One in a Carton.

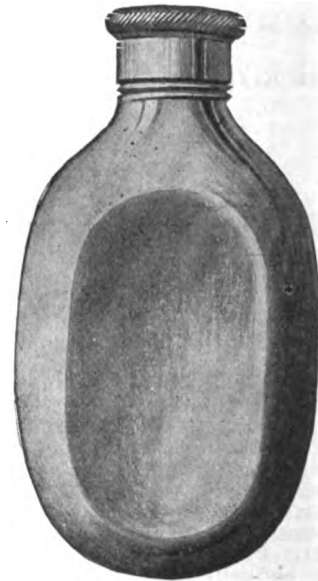
DRINKING CUPS



Collapsible.

No. 5— $\frac{1}{2}$ Pint, Aluminum, Satin Finish..... \$1.30
No. 746— $\frac{1}{2}$ Pint, Brass, Nickel Plated..... 4.00
One Dozen in a Box.

ALUMINUM FLASKS



Cork Lined, Screw Top.

No. 1F— $\frac{1}{4}$ Pint, Seamless..... \$1.00
No. 2F— $\frac{1}{2}$ Pint, Seamless..... 1.50

HEAD NETS



No. 101—Made from a Fine Grade of Mosquito Netting, Held in Place by Puckering String. \$11.00

Hair cloth front holds the net from face and does not obstruct the view. Hinged metal door in front of mouth, which enables the user to smoke or even eat without removing net. Net can be carried in pocket, space $1\frac{1}{2}$ x $7\frac{1}{2}$ inches. Just the thing for trout fishing or prairie chicken shooting.



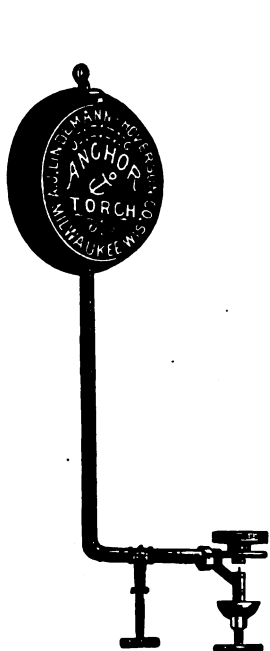
FOLD FOR POCKET $1\frac{1}{2}$ x $7\frac{1}{2}$

GASOLINE WALL TORCHES

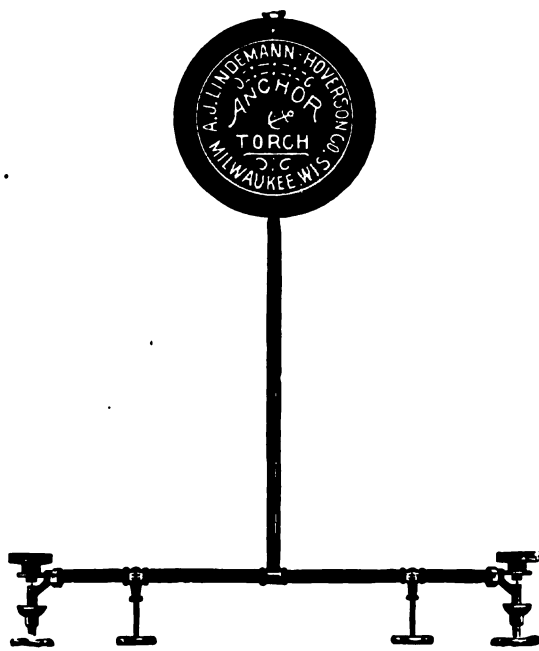
SINGLE

DOUBLE

BAKER SINGLE



No. 20.



No. 25



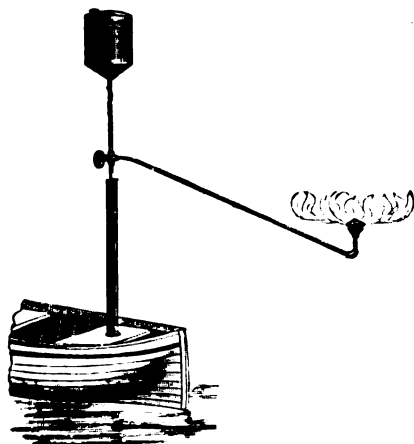
No. 17B

No. 20—Single Burner, Japanned, Capacity of Tank 1 Gallon, for Outdoor Use.....	Per Dozen
No. 25—Double Burner, Japanned, Capacity of Tank 1 Gallon, for Outdoor Use.....	
	\$19.00
	36.00
No. 17B—Baker Single, Heavy Galvanized Sheet Steel Tank, Heavy Pipe and Valve, Capacity 10 Quarts, with Baker Burner, Having 9 Large Jets, for Outdoor Use.....	Each
	\$4.00

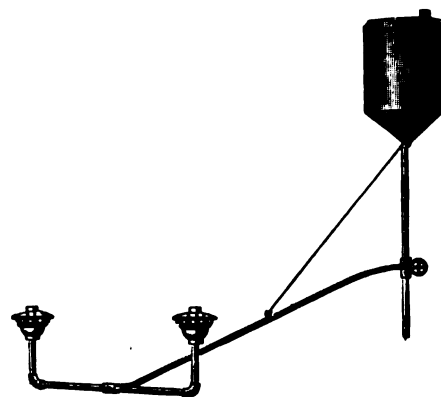
The Baker Torch will light a radius of 100 feet. One gallon of gasoline will operate a Baker Burner from 3½ to 5 hours. The Burner produces a flame about 18 inches across, composed of 9 strong, brilliant jets, which the wind cannot blow out. When Burners are wanted more especially for indoor use, the Burner is made to burn 18 jets of smaller size, reducing the diameter of the flame to about 10 inches. The Jets are formed in the cap of the burner, thus a burner may be changed any time by simply ordering another cap to produce the other size flame.

FISHING TORCHES

BAKER



Cut Showing Burner
Furnished with Baker
Wall and Fishing
Torches.



No. 1B—Single Burner, Capacity of Tank 5 Quarts.....	Each	No. 2B—Double Burner, Capacity of Tank 6 Quarts.....	Each
	\$4.00		\$6.00

Extra Baker Burners—For Nos. 17B, 1B and 2B Baker Torches.....	Each
Extra Baker Burner Caps—For Nos. 17B, 1B and 2B Baker Torches.....	\$1.50
Extra Baker Valves—For Nos. 17B, 1B and 2B Baker Torches.....	.60
	.80

The Baker Fishing Torches burn naphtha or gasoline. The oil, as it flows into the burner, is converted into gas, which escapes through a number of small grooves, near the top, thus forming brilliant jets of flame, about 10 inches in length, free from smoke and soot, and which the wind cannot blow out. One gallon of oil will burn about 3½ hours. The flow of oil is governed by a valve made especially for these lamps, and which allows the light to be regulated with great exactness.

CAMP FURNITURE

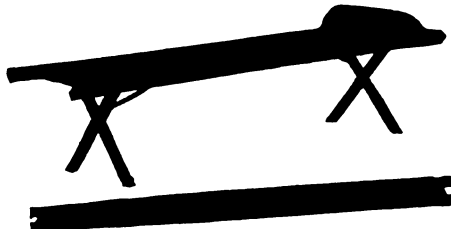
FOLDING COTS



Rock Elm Frame, Air Dried, Brown Mission Stained, 12 Oz. Olive Green Double Filled Canvas, Metal Joint Braces. Each

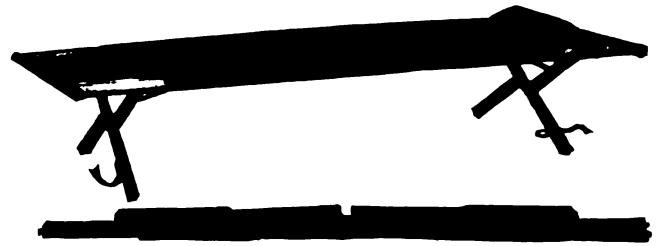
No. 1—6 feet 6 inches Long, 2 feet 3 inches Wide and 14 inches High when Open, 3 feet 3 inches Long, 4 inches Thick and 5 inches Wide when Closed, Made for the Roughest Usage and Stands Firmly on the Floor, Adjusting Itself to Uneven Ground, Will Support 1000 Lbs., Weight Each 17 Lbs.\$3.50

FOLDING COTS



Rock Elm Frame, Air Dried, Brown Mission Stained, 10 Oz. Single Filled White Canvas, Four Steel Brace Supports. Each

No. 20—6 feet 4 inches Long, 27 inches Wide when Open, 6 feet 4 inches Long, 2 inches Thick and 4 inches Wide When Closed, Will not Fold as Compactly as No. 2, Will Support 500 Lbs., Weight Each 12 Lbs.\$2.00



Rock Elm Frame, Air Dried, Brown Mission Stained, 12 Oz. Olive Green Double Filled Canvas, Metal Joint Braces. Each

No. 2—6 feet 6 inches Long, 2 feet 3 inches Wide and 14 inches High when Open, 6 feet 6 inches Long, 2 inches Thick and 4 inches Wide when Closed, Same as No. 1 Except the Side Rails do Not Break for Folding, Will Support 800 Lbs., Weight Each 15 Lbs.\$2.60

FOLDING TABLES



Selected Grain Yellow Pine, Sanded and Varnished. Each

No. 70—Size of Top 3x5 feet, Will Support 350 Lbs., Legs Fold Snugly Under the Top, Also Suitable for Sewing or Card Table, Weight Each 38 Lbs.\$5.00

PORTABLE HOUSES

General Description—The Roof, Sides, Ends, Partitions and Ceilings are not of wood but of a fabric specially waterproofed and treated by a secret process, guaranteed to withstand every possible weather condition for a period of three years. All sewing is interlocked and double seamed.

The Frame is of Clear Washington Fir connected with "Hook-on" and "Slip-in" Joints of rustless steel and secured with rustless steel wing nut bolts. Frame is a Mission color.

Floor is made in convenient sections, firmly nailed to joists of Washington fir. Flooring is of Clear Hard Southern Pine, matched, sanded and varnished with two coats of best Spar Varnish.

Screens and Windows—All openings are fitted with rustproof Screens, Canvas Curtains on the inside can be drawn up entirely, closing interior in rain or cold weather.

Awnings are adjustable and are provided on each screened and windowed opening.



One Room Sleeping House, Olive Green Color. Each

No. 40—7x8 feet, 6 feet High, Four Windows, Four Awnings, Large Enough for a Full Size Bed and Table, Two Floor Sections, Weight 350 Lbs., Shipped Knocked Down\$.....

Each

Two Room House, Rich Brown Color, with Galvanized Steel Chimney and Waterproof Opening. Each

No. 90—Total Floor Space 9x15 feet, Ceiling 6 feet 9 1/2 inches High, One Door, Three Floor Sections, Four Windows, a Large Screened Opening on Each Side of the Living Room, Provided with Storm Curtains and Awnings, Weight 750 Lbs., Shipped Knocked Down\$.....

PRICES ON APPLICATION

Note—Portable Houses are not Carried in Stock, but are Shipped Direct from Factory at Waukesha.

CAMP OR LAWN STOOLS



No. 28.



No. 29.

Hardwood, Nicely Finished, Steel Joint Plates, Riveted, Extra Heavy Tan Canvas Seat, Fold Compactly.

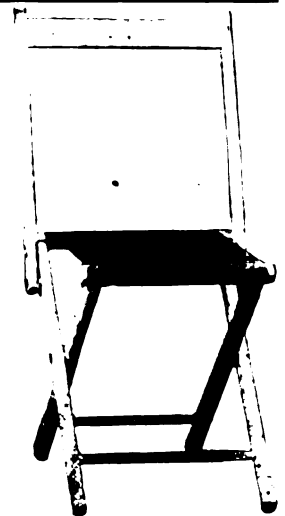
No. 28—Without Back, Weight Each 4 Lbs. \$6.40
 No. 29—With Back, Weight Each 5 Lbs. 8.00
 One-half Dozen in a Bundle.



No. 13.

Hardwood, Nicely Finished, Heavy Tan Canvas Seat, 16 1/2 inches Wide, Fold Compactly.

No. 13—Without Back, Weight Each 3 1/2 Lbs. \$4.20
 No. 14—With Back, Weight Each 4 Lbs. 5.70
 One-half Dozen in a Bundle.



FOLDING CAMP OR LAWN CHAIRS



Hardwood Frame, Thoroughly Riveted, Varnished, Natural Finish, Tan Canvas Covered.

No. 10—Without Arm Rests, Weight Each 12 Lbs. . . . \$15.50
 One-half Dozen in a Bundle.



Hardwood Frame, Thoroughly Riveted, Varnished, Natural Finish, Tan Canvas Covered.

No. 11—With Arm Rests, Weight Each 13 1/2 Lbs. . . . \$18.00
 One-half Dozen in a Bundle.

FOLDING PORCH AND YACHT CHAIR

FOLDING RECLINING CHAIR



Hardwood Frame, Thoroughly Riveted, Varnished, Natural Finish, Tan Canvas Covered.

No. 24—With Arm and Foot Rests, Weight Each 17 Lbs. \$22.50
 One-half Dozen in a Bundle.

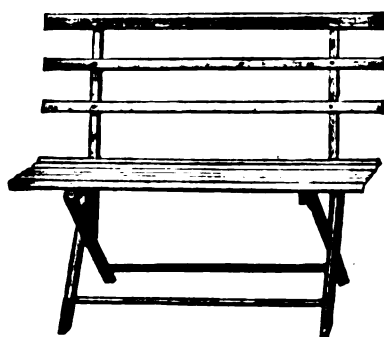


No. 30—White Maple Frame, Finished on the Natural Wood, Seat and Back are of Extra Heavy Double Filled White Duck, a New Method of Fastening the Legs to the Rails Permits the Chair to Fold Compactly, Weight Each 12 Lbs. \$3.50

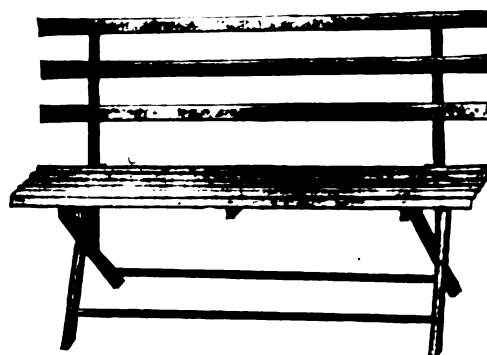


Each

LAWN SETTEES



No. 2.

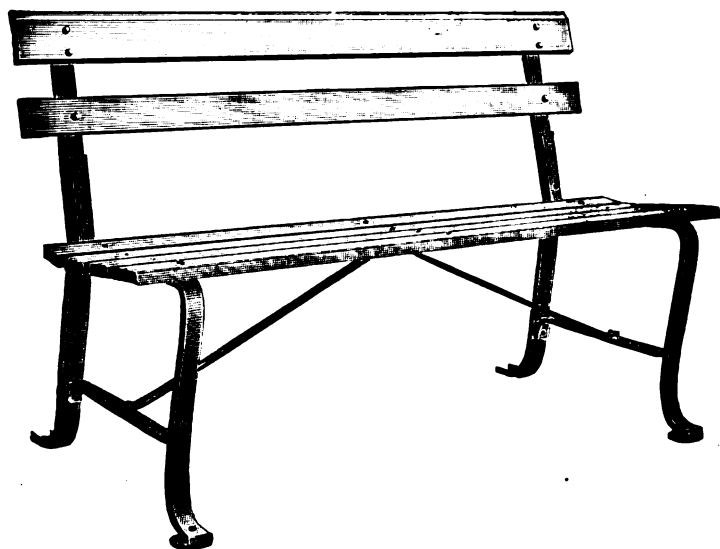


No. 5.

Selected Hardwood, Thoroughly Riveted, Finished with Green Weather Proof Paint, Natural Finish Seats, Nicely Varnished.
No. 8 has Three Legs.

Nos.	2	5	8
Length, Feet	3 ½	4	5 ½
Per Dozen	\$16.40	21.00	27.50

SPECIAL PARK SETTEES



Channel Steel Frame, 1½ inches Wide by ½ inch Thick, Securely Riveted and Bolted, Finished in Brilliant Black Enamel. Particularly Adapted to Resisting Weather Exposure. Selected Hardwood Slats, Nicely Finished in Dark Green or Red.

Nos.	P4	P5	P6
Length, Feet	4	5	6
Weight Each, Lbs.	32	37	42
Each	\$4.50	5.00	5.50

PORCH ROCKERS



Bent Wood.

Made from Best Rock Elm Bends, Well Braced and Bolted, Finished in Green, Neatly Striped and Finely Varnished.

No. 9—With Rockers Attached	Each \$4.50
Shipped Knocked Down.	

PORCH SETTEES



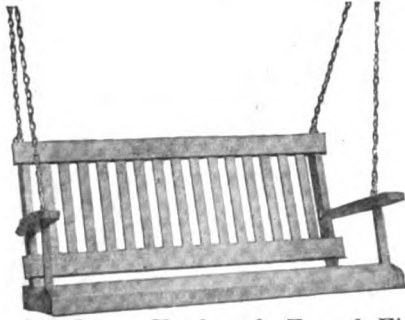
Bent Wood.

The Legs, Seat, Frame and Arms are Bent from Selected Straight Grained Rock Elm Stock, and the Slats are Made from Best Grade of Hardwood, Thoroughly Braced and Bolted, Painted Green and Nicely Striped.

Nos.	14	15	16
Length, Feet	4	5	6
Weight Each, Lbs.	25	30	35
Each	\$5.30	6.50	7.00

Shipped Knocked Down.

FOLDING PORCH SWINGS



- Each
- No. 33—42 inches Long, Hardwood, Fumed Finished, Shaped Seat with Wide Slats Placed Very Close Together and Reinforced with Front Brace, a Very Strong Swing, Furnished Complete with Galvanized Chains and Ceiling Hooks, Weight Folded Flat 30 Lbs. \$4.00
- No. 21—48 inches Long, Otherwise Same as No. 33, Weight 35 Lbs. 5.00
- No. 41—60 inches Long, Otherwise Same as No. 33, Weight 40 Lbs. 5.50

PORCH SWING STANDARDS AND CANOPIES



- Each
- No. 34—Standard, Selected Hardwood, Painted Red and Varnished, Height 7 feet, Width at Top Between Uprights 3 feet 9 inches, Will Hold Either 42 or 48 inch Swings, Easy to Assemble, Put Together with Thumb Nuts, Weight 33 Lbs., Shipped K. D. \$4.00
- No. 36—Canopy, Heavy Fancy Canvas, 3 feet 9 inches by 6 feet, Weight 9 Lbs. 5.00

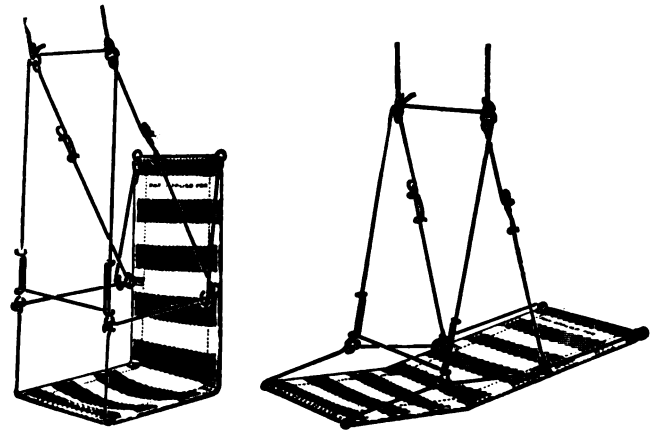
CHILD'S SWINGS



Four Passenger, Holds Four Children.

- Each
- No. 27—Selected Hardwood, Full Bolted, Noiseless and Non-Squeaking, Floor Space 40x60 inches, Height 5 feet, Frame Painted Green and Varnished, Balance Varnished, Natural Finish, Weight 37 Lbs. K. D. \$4.00
- Can be used in the parlor as well as on the porch and lawn. A boon to the mother and nurse.

CHILD'S SWINGS



- Showing Swing in Upright Position. Showing Swing in Reclining Position.
- The child may assume any position it desires without assistance and is held securely and comfortably. Per Dozen
- No. 1—Toddler Child Swing, Seat is 13 inches Wide by 11 inches Deep, Back 13 inches Wide, 16 inches High, Frame is Made of No. 6 Steel Wire with Rust Proof Finish, Seat and Back are Made of Heavy Canvas, Blue and White Stripe. \$14.50
- Packed One Dozen in Fibre Case, Complete with Ropes, Screw Hooks and Rings. Weight 30 Pounds.
- Add \$1.25 Per Lot of 12 or More with Customers' Name.



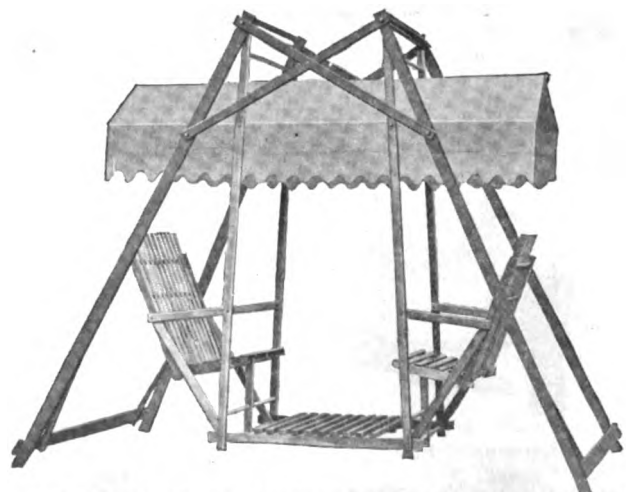
BABY SWINGS

- Per Dozen
- Rock-a-Bye—Strong Steel Frame, Heavy Duck Sides, Strong Reinforced Strap Hangers with Screw Hook \$17 00

The swing can be hung in doorways, from porch ceiling or tree branch. The baby can't possibly fall out.

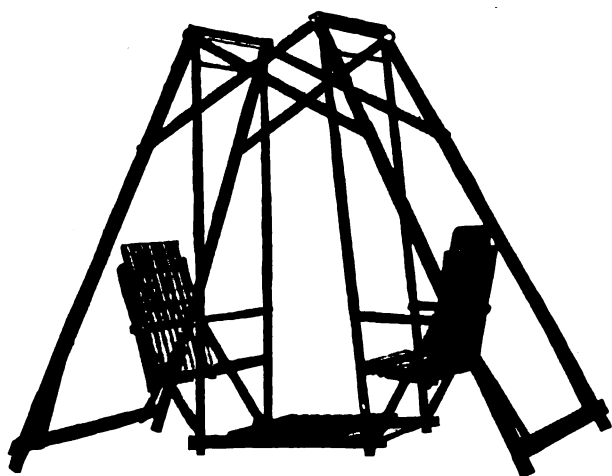
Every move of the baby moves the swing and keeps the baby interested. It helps mothers to get their work done. Keeps baby happy, healthful, out of the way and out of the dirt.

LAWN SWING CANOPY



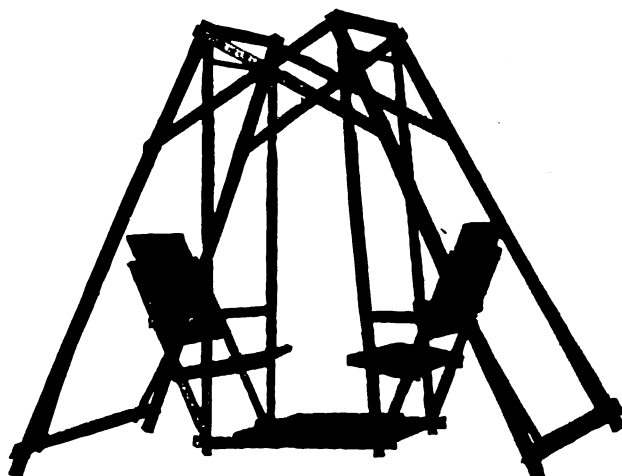
- Each
- No. 17—Heavy Brown Duck with Red Scalloped Edges, Made to Fit No. 25 and 26 Lawn Swings, Weight 12 Lbs. \$5.00

LAWN SWINGS



Four Passenger, Selected Hardwood Throughout, Full Bolted, with Adjustable Seat, 1 1/4 inch Frame.

Each
No. 25—Height 8 feet, Ground Space 8 feet 6 inches by 5 feet, Handsomely Red Painted Frame, Balance Natural Finish, Varnished, Weight 120 Lbs. K. D. \$8.00



Four Passenger, Selected Hardwood Throughout, Full Bolted, 1 inch Frame.

Each
No. 26—Height 8 feet, Ground Space 8 feet, 6 inches by 5 feet, Red Painted Frame, Balance Natural Finish, Varnished, Stationary Seats, Weight 110 Lbs. K. D. \$7.20
No. 26X—Same as No. 26, but with Adjustable Seats... 7.50

Note—No. 25 Swing is hung on iron rod or bolt which goes through entire frame, while Nos. 26 and 26X Swings are only hung in a malleable iron corner brace.

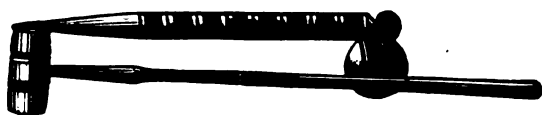
CROQUET SETS



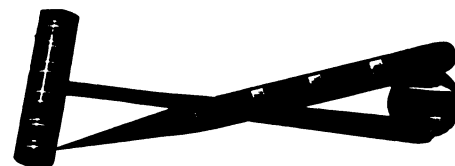
Per Set
No. 6—Four Ball Set, Maple Balls and Stakes, Varnished, Oiled, Beaded Mallets, Ten Polished Iron Arches, Weight 20 Lbs. \$1.10
No. 7—Six Ball Set, Otherwise Same as No. 6, Weight 20 Lbs. 1.50
No. 8—Eight Ball Set, Otherwise Same as No. 6, Weight 22 Lbs. 1.70



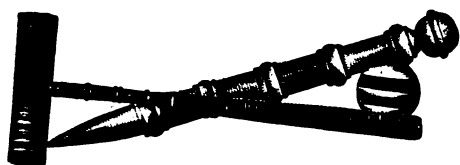
Per Set
No. XA—Eight Ball Set, Fully Varnished, Two Colored Stakes, Painted Mallets, Ten Polished Iron Arches, Weight 22 Lbs. \$2.00



Per Set
No. 3 1/2—Six Ball Set, Highly Polished Balls, 5 1/2 inch Mallets, Fully Varnished, White Maple Handles, Three Stripes on Balls, Mallets and Handles, Two Fancy Eight Colored Stakes, Galvanized Arches, Weight 22 1/4 Lbs. \$2.60



Per Set
No. 5—Professional, Four Ball Set, Full Varnished Balls, Handles and Stakes, 8 inch Mallets and Short Handles, Painted and Striped, Galvanized Arches, Weight 17 Lbs. \$2.30
No. 5 1/2—Six Ball Set, Otherwise Same as No. 5, Weight 22 1/4 Lbs. 2.80
No. 5X—Eight Ball Set, Otherwise Same as No. 5, Weight 27 1/2 Lbs. 3.50



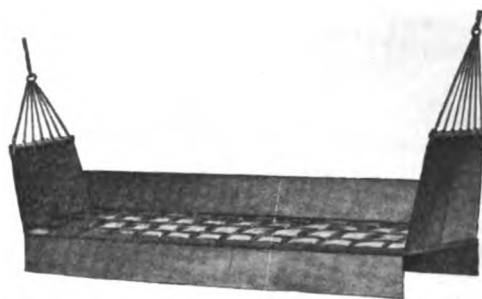
Per Set
No. 2—Professional, Four Ball Set, Selected Maple, Hand Turned, 8 inch Mallets and Short Handles, Neatly Painted and Striped, Polished, Three Striped Balls, Large Beaded Eight Color Stakes, Heavy Galvanized Arches, Weight 18 1/2 Lbs. \$3.50



Per Set
No. 00—Professional, Four Ball Set, Rock Maple, 8 inch Hand Turned Mallets, Short Handles, Fancy Striped Balls, Beaded Four Colored Stakes, Finished with Genuine White Shellac and Lathe Polished, Heavy Galvanized Arches, Weight 20 Lbs. \$5.50

Each Croquet Set contains Book of Instructions, Packed in Dovetailed Box with Hinged Cover, Crated Three Sets in a Crates.

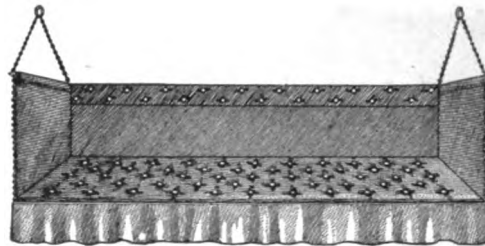
COUCH HAMMOCKS



Angle Iron Frame, Wire Fabric Spring, Steel Helical Coil Springs at One End.

No. 9959—27x72 Inches, Tan Drill Covered Mattress, Cord Attachment, with Wind Shield.....**\$6.50** Each

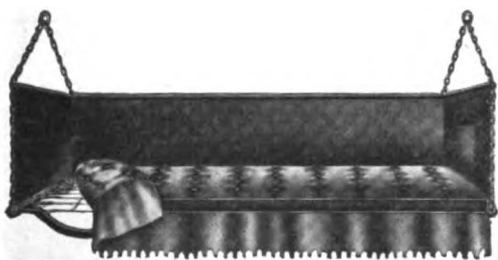
WITH BACK REST



Angle Iron Drop Frame, Link Wire Fabric Spring, Steel Helical Coil Springs at Each End.

No. 29963—27x72 Inches, Heavy Tan Drill Covered Mattress, Heavy Spreader, Chain Attachment, has Only Narrow Back Rest.....**\$10.00** Each

No. 28963—27x72 Inches, Heavy Tan Drill Covered Mattress, Heavy Spreader, Chain Attachment, Upholstered Back Rest is 6 Inches Wide and Provides Unequaled Comfort**\$11.00** Each

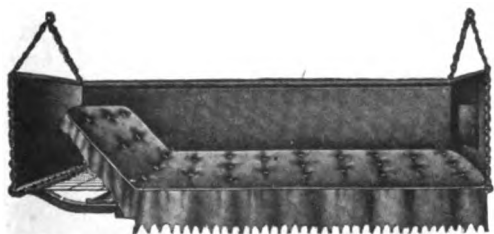


Angle Iron Drop Frame, Rust Proof Galvanized Flat Metal Fabric Spring, Steel Helical Coil Springs at End, Box Edge Mattress is Covered with Tan Duck.

No. 29463—27x72 Inches, Heavy Spreader with Chain Attachment, has Only Narrow Back Rest.....**\$11.00** Each

No. 28463—27x72 Inches, Heavy Spreader with Chain Attachment, Upholstered Back Rest is 6 Inches Wide and Provides Unequaled Comfort.....**\$12.50** Each

WITH ADJUSTABLE HEAD REST



Angle Iron Drop Frame, Rust Proof Galvanized Flat Metal Fabric, Steel Helical Coil Springs at End, Box Edge Mattress Covered with Tan Duck.

No. 29563—27x72 Inches, Heavy Iron Spreader, Chain Attachment, Reclining Head Rest.....**\$13.50** Each

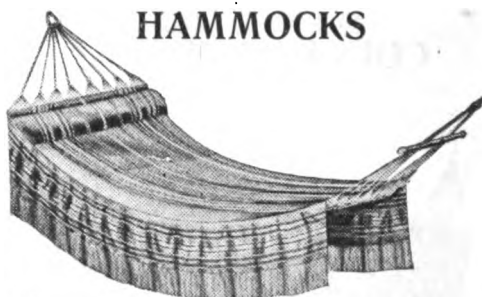
WITH ADJUSTABLE HEAD REST AND FOLDING LEGS.



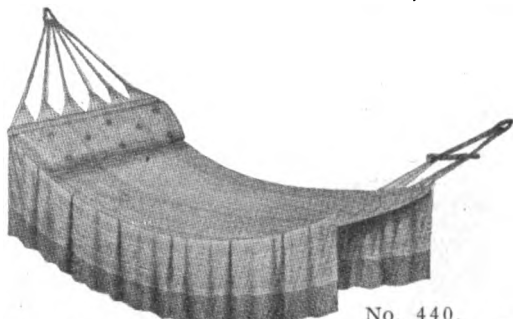
Angle Iron Drop Frame, Rust Proof Galvanized Flat Metal Fabric Spring, Steel Helical Coil Springs at End, Heavy Box Edge Mattress Covered with Tan Duck.

No. 28763—27x72 Inches, Heavy Iron Spreader, Chain Attachment, Upholstered Back Rest is 6 Inches Wide and Provides Unequaled Comfort.....**\$17.50** Each

HAMMOCKS

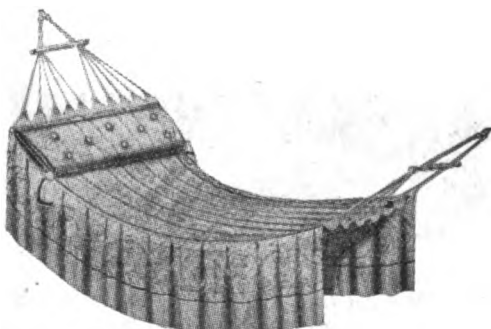


- Open Weave, Suspension Cord at Head and Foot, Detachable Wooden Bar at Foot, Concealed Spreader with Nickel Caps, Leno Weave in Small Mesh is Made in Brightly Colored Roman Stripes. Per Dozen
- No. 416-1—35x84 Inch Bed, Pattern 1, Red and Green Color, Sewed Down Pillow, Valance Woven in One Piece with Bed \$18.00
- No. 416-3—Pattern 3, Green, Black and Red, Otherwise Same as No. 416-1 18.00

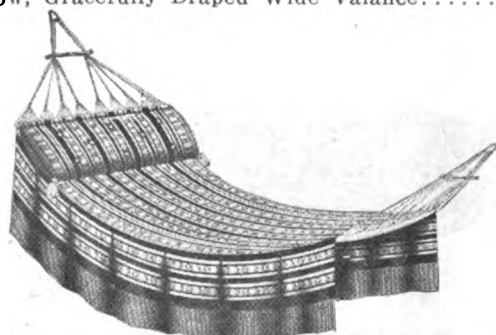


No. 440.

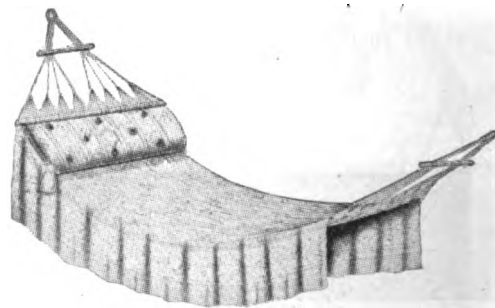
- Close Weave Canvas Effect, Suspension Cords at Head and Foot, Detachable Wood Bar at Foot, Concealed Spreader with Nickel Caps. Per Dozen
- No. 340—35x86 Inch Bed, Pattern 6, Tan, Cream, Olive and Black Colors, Sewed Down Pillow, Valance Woven in One Piece with Bed, Attractive Roman Stripes \$20.00
- No. 440—Pattern 5, Old Gold, Green, Cream and Maroon Striped Effect in Small Geometric Figures, Otherwise Same as No. 340, has Wider Valance than No. 340 23.00



- Scroll Effect Jacquard Weave, Suspension Cords at Head and Foot, Divided by Detachable Wooden Bars, Concealed Spreader with Nickel Caps. Per Dozen
- No. 586—36x86 Inch Bed, Pattern 6, Brown, Black and White, Harmoniously Colored, Sewed Down Pillow, Gracefully Draped Wide Valance \$31.20

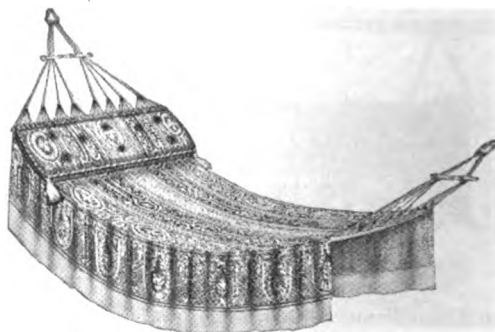


- Heavy Canvas Weave, Striking Colors, Upholstered Throw-Back Pillow, Suspension Cords, Detachable Wood Bars, Concealed Spreader, Deep Fluted Valance. Per Dozen
- No. 695-1—38x88 Inch Bed, Pattern 1, Red and Black. \$39.00
- No. 695-4—Pattern 4, Yellow and Black. 39.00
- No. 695-8—Pattern 8, Black and White. 39.00



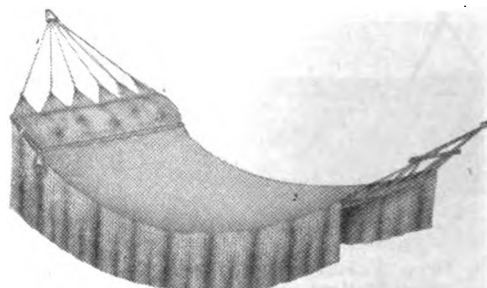
- Figured Striped Effect, Jacquard Weave, Suspension Cords at Head and Foot, Divided by Detachable Wooden Bars, Concealed Spreaders with Nickel Cap. Per Dozen

- No. 583—36x86 Inches, Pattern 8, Black and White Color, Indian Design, Sewed Down Pillow, Gracefully Draped Wide Valance \$28.80



- Ornamented Strip Design, Chinese Floral Effect in Two Colors, Suspension Cords at Head and Foot, Divided by Detachable Wooden Bars, Concealed Spreader with Nickel Caps. Per Dozen

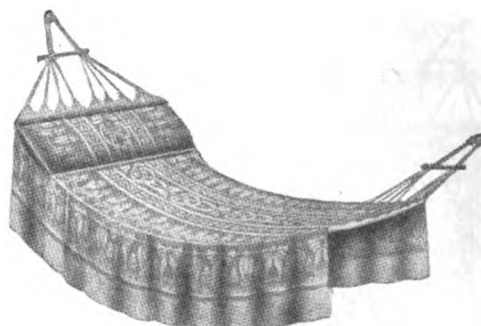
- No. 587—36x86 Inch Bed, Pattern 4, Gold and Black, Sewed Down Pillow, Gracefully Draped Wide Valance \$31.20



- Heavy and Durable Fabric, Suspension Cords, Detachable Wooden Bar at Foot, Curved Spreaders at Head and Foot. Per Dozen

- No. 664C—42x86 Inch Bed, Khaki Color, Upholstered Throw-Back Pillow \$46.00

HAMMOCKS



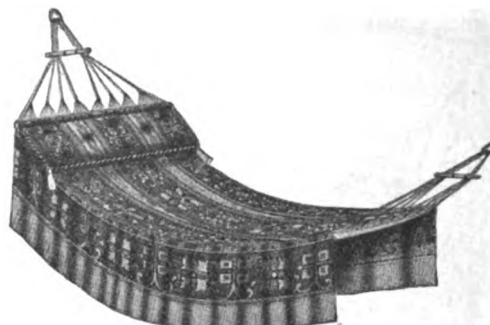
Ornamented Center, Flowered Border, a Combination of Chinese Figures and Flowers, Suspension Cords, Divided by Detachable Wooden Bars, Concealed Spreaders with Nickel Caps, Deep Fluted Valance.

No. 690—40x88 inch Bed, Pattern 8, Black and White, Upholstered Throw-Back Pillow.....**\$46.00** Per Dozen



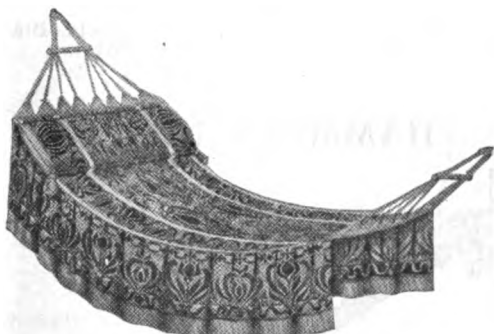
Leaf Center Effect with Fancy Border, Suspension Cords, Divided by Detachable Wooden Bars, Concealed Spreaders with Nickel Caps, Deep Fluted Valance.

No. 688—40x88 inch Bed, Pattern 3, Tan and Black Center, Dark Brown Border, Upholstered Throw-Back Pillow**\$48.00** Per Dozen



Conventional Flowers in Tastily Arranged Harmonious Colors, Suspension Cords, Detachable Wooden Bars, Concealed Spreaders, Deep Fluted Valance.

No. 670-4—40x88 inch Bed, Pattern 4, Black, Yellow and White, Upholstered Throw-Back Pillow.....**\$53.00** Per Dozen
No. 670-6—Pattern 6, Burnt Orange, Black and White. **53.00**



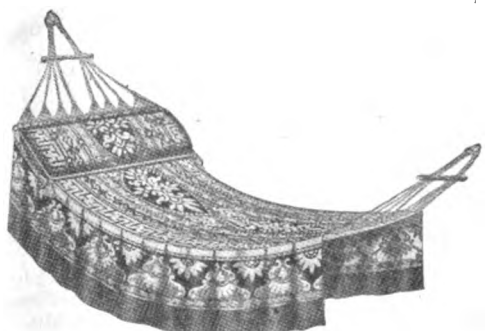
Very Firm Jacquard Fabric, Duo Color Effect, Suspension Cords, Detachable Wooden Bars, Concealed Spreaders, Deep Fluted Valance.

No. 6102—40x88 inch Bed, Pattern 1, Red and Black, Upholstered Throw-Back Pillow.....**\$57.00** Per Dozen



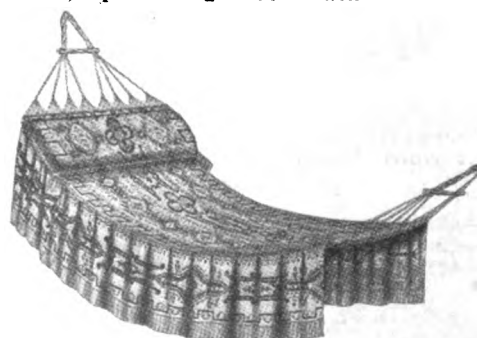
Conventional Floral Effect in Two Colors, Suspension Cords, Detachable Wooden Bars, Concealed Spreaders, Deep Fluted Valance.

No. 6992—40x88 inch Bed, Pattern 6, Burnt Orange and Black, Upholstered Throw-Back Pillow.....**\$62.00** Per Dozen



Medallion Center Design with Grecian Border, Suspension Cords, Detachable Wooden Bars, Concealed Spreaders, Deep Fluted Valance.

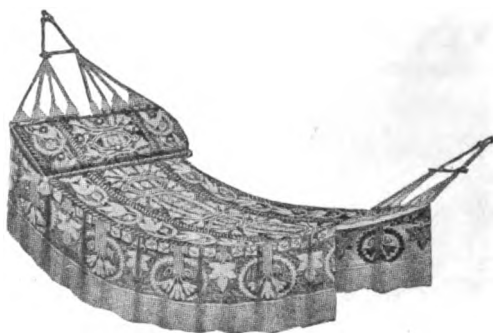
No. 6107—40x88 inch Bed, Pattern 5, Old Gold, Black and Olive, Upholstered Throw-Back Pillow.....**\$62.00** Per Dozen



Oriental Design and Colors, Suspension Cords, Detachable Wooden Bars, Concealed Spreaders, Deep Fluted Valance.

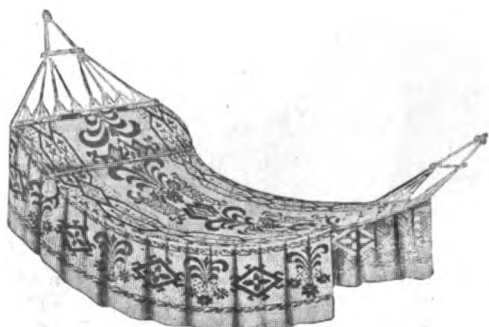
No. 6164—40x88 inch Bed, Pattern 1, Red, Blue, Green and White, Upholstered Throw-Back Pillow.....**\$72.00** Per Dozen

HAMMOCKS



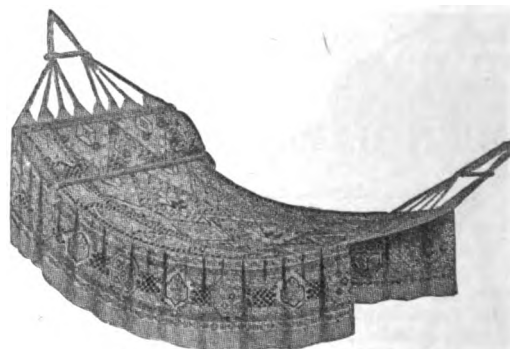
Heavy Jacquard Fabric, Conventional Water Lily and Leaf Design, Divided Rope and Suspension at Head and Foot, Concealed Spreader with Nickel Caps, Deep Fluted Valance.

No. 6028—40x88 inch Bed, Pattern 4, Green, Old Gold and Black, Upholstered Throw Back Pillow.....**\$78.00** Per Dozen



Heavy Jacquard Fabric, Jappaned Floral Clusters, Suspension Cords at Head and Foot, Divided by Wooden Bars, Concealed Spreaders with Nickel Caps, Deep Fluted Valance.

No. 6035—42x88 inch Bed, Pattern 4, Blue, Old Gold and White**\$84.00** Per Dozen

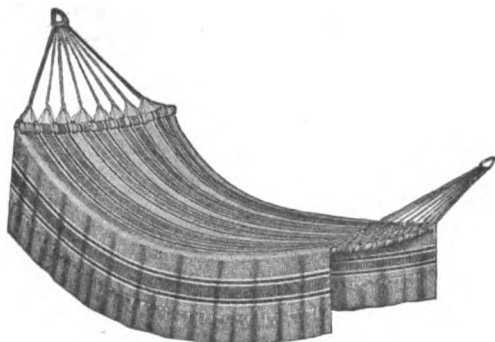


Heavy Fancy Jacquard Fabric, Elaborate Grecian Design, Suspension Cord at Head and Foot, Divided by Wooden Bars, Concealed Spreader with Nickel Caps.

No. 6024—42x90 inch Bed, Pattern 4, Old Gold, Black and White Upholstered Throw Back Pillow.....**\$90.00** Per Dozen

HAMMOCKS

HEAVY CROCHET OPEN WEAVE



Extra Heavy 5 Ply Yarn, End Cords are Fastened Around the Heavy Curved Spreader at Head and Foot, Fancy Plaid and Striped Designs in Harmonious Colors, with Valance.

No. 22/12—42x86 inches, Grey and White Stripe....**\$60.00**
No. 22/14—42x86 inches, Brown and Cream Stripe... **60.00**
No. 22/18—42x86 inches, Black and White Plaid.... **60.00** Per Dozen

LENO WEAVE

5 Ply Yarn, Roman Stripes, with Valance.

No. 182/6—36x80 inches, Brown and White.....**\$36.00**
No. 182/7—36x80 inches, Old Gold and Black..... **36.00**
No. 182/8—36x80 inches, Black and White..... **36.00** Per Dozen

HAMMOCK ROPES



Nos. 301 to 308.



Nos. 401 to 403.

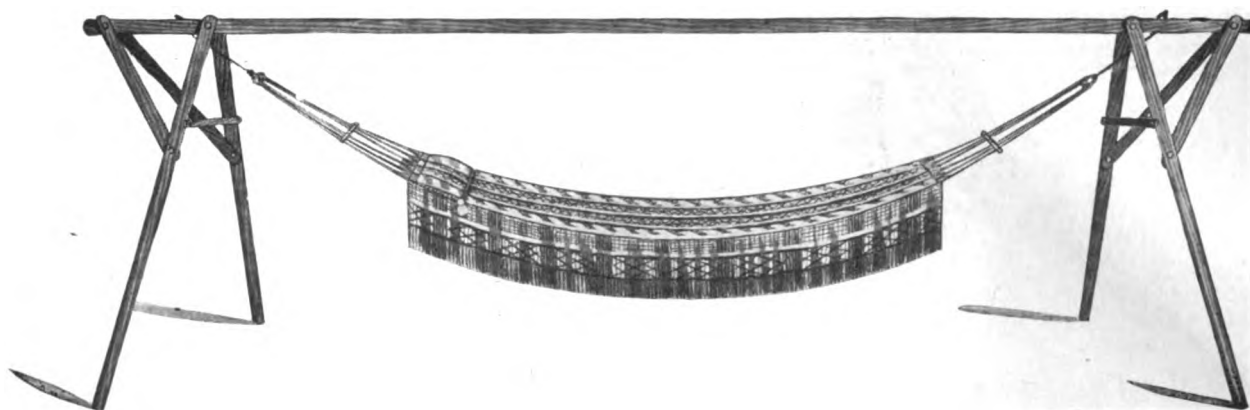
Per Dozen
No. 301— $\frac{1}{4}$ inch Sisal Rope, Malleable Anchor.....**\$1.60**
No. 302— $\frac{3}{8}$ inch Colored Rope, Malleable Anchor.... **1.60**
No. 303— $\frac{3}{8}$ inch Sisal Rope, Malleable Anchor..... **1.80**
No. 304— $\frac{3}{8}$ inch Colored Rope, Wire Anchor..... **1.50**
No. 305— $\frac{3}{8}$ inch Sisal Rope, Wire Anchor..... **1.60**
No. 306— $\frac{3}{8}$ inch Manila Rope, Malleable Anchor.... **2.00**
No. 307— $\frac{1}{2}$ inch Manila Rope, Heavy Mall. Anchor.. **3.20**
No. 308— $\frac{1}{2}$ inch Sisal Rope, Heavy Mall. Anchor.... **2.50**
Rochester, with Malleable Catch Buckle.

Per Dozen
No. 401— $\frac{1}{4}$ inch Sisal Rope**\$1.60**
No. 402— $\frac{3}{8}$ inch Colored Rope **1.70**
No. 403— $\frac{3}{8}$ inch Sisal Rope **1.80**

HAMMOCK SPREADERS

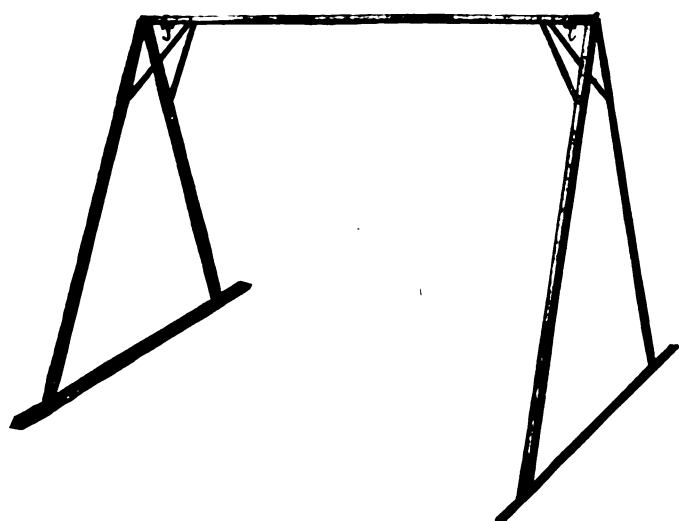
Per Dozen
Peerless Hook Spreaders.....**\$2.00**
Gem Lace Spreaders..... **1.80**

FOLDING HAMMOCK STANDS



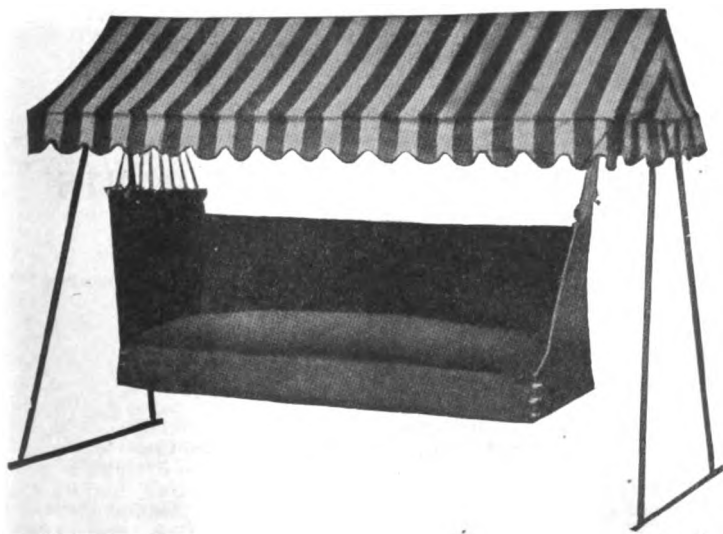
- Each
- No. 14—Selected Hardwood, Very Durable and Easily Set up, Can be Shortened to be Used for Couch Hammocks, Complete with Awning (without Hammock).....\$18.00
- No. 15—Same as No. 14, but without Awning.....8.00

COUCH HAMMOCK SUPPORTS



Heavy Angle Iron, Well Braced.

- Each
- No. 70—Length of Top 7 feet, Height 6 feet 2 inches, Width at Bottom 3 feet 6 inches.....\$5.00



- Each
- No. 90—Angle Iron Stand Same as No. 70, but with Canopy (without Hammock).....\$9.00

HAMMOCK HOOKS

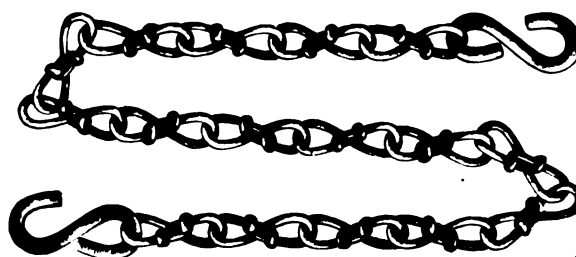


No. 138.

No. 128.

- With Plate, Tinned. Per Dozen
- No. 138— $\frac{1}{8}$ inch Wrought Steel, Plate $1\frac{1}{4}$ x $1\frac{3}{4}$ inches.....\$0.70
- With Screw, Tinned. Per Dozen
- No. 128— $\frac{1}{8}$ inch Wrought Steel Hook.....\$0.60

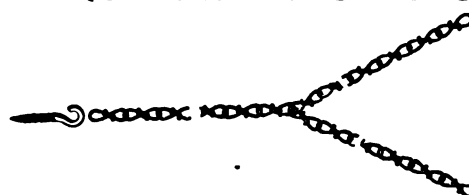
HAMMOCK CHAINS



Oneida, Galvanized.

- Per Dozen Pairs
- No. 3—Length 3 feet.....\$4.00
- No. 6—Length 6 feet.....6.00
- No. 9—Length 9 feet.....8.00

PORCH SWING CHAINS



Niagara Pattern, Rust Proof.

- Per Dozen Pairs
- No. 7 $\frac{1}{2}$ —7 $\frac{1}{2}$ feet Long Over All, Main Lead 5 feet, Branch Leads 2 $\frac{1}{2}$ feet Long, Best Grade Steel Wire, Links are Uniform in Size, Shape and Strength, Galvanized Finish.....\$12.00

BASE BALL UNIFORMS

If you consider style, appearance and comfort, as essential to the base ball uniform, you will recognize and appreciate our qualities; base ball uniforms that are actually cut and tailored to your individual measurements in the same manner as high class custom clothing, made from genuine Athletic Flannel in sanitary factories under careful supervision.

Not merely an "assembled uniform", but each article, the Cap, the Belt and the Stockings have the same particular attention, making a perfect base ball uniform.

SHIRTS

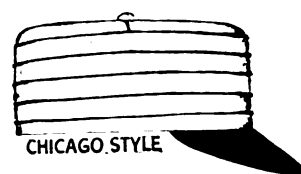


Button Front Shirt with Negligee Collar, detachable sleeves, silk piping on collar and pleat to match trimmings. Script lettering.



V-Neck Collar, Button Front Shirt, elbow sleeves, pleat and band around collar, with two rows of braid on sleeves to match. Lettered down pleat.

CAPS



Silk Piping and Visor to Match.



Silk Piping and Visor to Match.

Uniforms are made to order only, and it takes from 7 to 10 DAYS to make delivery.

WRITE FOR SPECIAL BASE BALL UNIFORM CATALOG, SHOWING SAMPLES OF MATERIAL AND COLORS



UNIFORM BAGS

REACH

No. F—Brown Canvas	Each
No. FF—Brown Leather	\$4.50
	9.00

The convenient packing of uniforms so they will not wrinkle and soil, and yet be easily carried, have separate compartments for shoes, etc.

BASKET BALL SHIRTS



Sleeveless, Diagonal Striped.



Sleeveless, Alternate Striped.



Quarter Sleeves, Assorted Solid Colors.

REGULATION BASKET BALL PANTS



Made in All Grades of Material.

FOOT BALL PANTS

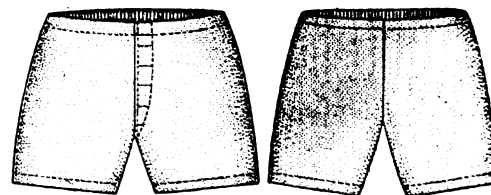


FOOT BALL JACKETS



Sleeveless.

RUNNING PANTS



Fly Front, Laced Back. Elastic Waist.

NOTE—WRITE FOR OUR SPECIAL ATHLETIC GOODS CATALOG, SHOWING COMPLETE LINE

BASE BALLS



Used Exclusively by the American League and World's Champions.

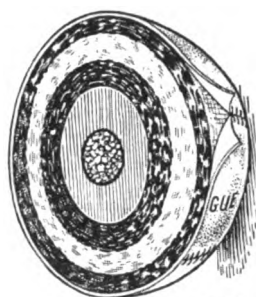
No. 0—Reach, American League, Superfine Wool Yarn, Best Cork and Para Rubber Center, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed.....\$24.00



No. 3C—Reach, Continental League, Superfine Yarn, Best Rubber Center, Horsehide Cover, Orange and Green Double Stitched, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed.....\$16.00



No. 4A—Reach, Superior League, Regulation Size and Weight, Wool Yarn, Rubber Center, Horsehide Cover, a First Class Ball for Amateurs, Each Ball Put up in Separate Box and Sealed.....\$12.00



Sectional View.



Conforms to the Requirements and Specifications of the National and American Leagues.

Per Dozen

No. 02—Frankfurth, American League, Choicest Quality Woolen Yarn, Finest Pure Cork Core Center, Best Quality Horsehide Cover, Stitched with Red and Blue Linen Thread, Guaranteed to Last 18 Innings, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed.....\$20.00

No. 03—Special League, Red and Green Stitching, Guaranteed to Last 9 Innings, Wrapped in Tin Foil, Put up in a Separate Box 17.00



No. 1L—Reach, Reach League, Superfine Wool Yarn, Best Para Rubber Center, Best Horsehide Cover, Red and Green Stitched, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed\$18.00



No. 5—Reach, Scholastic League, Boy's Size, Wool Yarn, Rubber Center, Horsehide Cover, an Excellent Ball for Boys, Each Ball Put up in Separate Box and Sealed....\$8.00



Used Exclusively by the American Association.

Per Dozen

No. 1—Reach, American Association, Superfine Wool Yarn, Best Cork and Pure Para Rubber Center, Best Horsehide Cover, Red and Blue Stitched, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed.....\$24.00



No. 2—Reach, Reach League, Jr., Boy's Size, Superfine Wool Yarn, Best Rubber Center, Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed\$12.00



No. 05—Frankfurth, High School League, Regulation Size, Felt and Yarn Wrapping, Rubber Center, Horsehide Cover, Red and Blue Stitched, Each Ball Put up in Separate Box and Sealed\$8.00

BASE BALLS



No. 7—Bouncing Rock, Regulation Size and Weight, Horsehide Cover, Each Ball Put up in a Separate Box and Sealed.....**\$8.00**

Per Dozen



No. 8—Reach, Cock of the Walk, Regulation Size and Weight, Horsehide Cover, Each Ball Put up in a Separate Box and Sealed.....**\$4.00**

Per Dozen



No. 08—Frankfurth, Amateur League, Full Regulation Size and Weight, Double Stitched White Goat Skin Cover, a Good, Substantial, Practical Ball, Each Ball Put up in a Separate Box and Sealed.....**\$8.70**

Per Dozen



No. 9—Reach, Junior League, Junior Size and Weight, Good Lively Material, Horsehide Cover, Each Ball Put up in a Separate Box and Sealed.....**\$4.00**

Per Dozen



No. 11—Reach Champion, Slightly Below Regulation Size, Waterproof Cover, One Dozen in a Box**\$1.60**

Per Dozen



No. 11B—Reach, Red Bird, Large Boy's Ball, White Waterproof Cover, Each Ball Put up in a Separate Box and Sealed...**\$1.44**

Per Dozen



No. 12—Reach, Bounder, a Good Lively Ball, Waterproof Cover, One Dozen in a Box.....**\$0.80**

Per Dozen

RECREATION BALLS



No. 300—Reach, Regulation Size, 9 inches, Highest Grade Material, Horsehide Cover.....**\$8.00**
No. 400—Reach, Youth's Size, 8½ inches, Highest Grade Material, Sheepskin Cover... **4.00**
Recreation Ball has been endorsed by all public playground and school associations. They can be batted and fielded like a regular base ball. Will not injure the hand.

Per Dozen

PLAYGROUND BALLS



No. 25B—Frankfurth, 11½ inches, Soft, Chrome Sheepskin Cover, Ideal for Boys and Girls...**\$4.00**
No. 20B—Playground or Picnic Ball, Similar to No. 25B, but 10½ inches Diameter, Green and White Keratol Cover... **2.00**

Per Dozen

PICNIC BALLS



No. 15B—Frankfurth, Boy's Regulation Size, Soft, Pearl Sheepskin Cover, Very Popular for Picnics and Outings...**\$1.70**
No. 10B—Frankfurth, Boy's, Soft, Red and White Caratol Cover, Will not Hurt the Hands... **.84**

Per Dozen

INDOOR BASE BALLS

REACH DE LUXE



REACH OFFICIAL



FRANKFURTH



Specially Constructed, Will Hold its Shape, Double Stitched with Red and Blue Thread.

Nos.	D12	D14
Circum., Inches...	12	14
Per Dozen.....	\$21.60	21.60
Nos.	D16	D17
Circum., Inches...	16	17
Per Dozen.....	\$21.60	24.00

Finest Quality, Special Oil Tan Leather Cover.

Nos....	112	114	115	116	117
Cir., In.	12	14	15	16	17
Dozen..	\$16.80	16.80	16.80	16.80	16.80

Finest Quality, Sheepskin Cover.

Nos....	212	214	215	216	217
Cir., In.	12	14	15	16	17
Dozen..	\$18.20	18.20	18.20	18.20	18.20

INDOOR BASE BALL BATS



No. 51—33 inches Long, Ash, Flame Burnt, Polished, 6 Dozen in a Crate, Weight About 120 Lbs.....\$4.00



No. 54—33 inches Long, Ash, Flame Burnt, Highly Polished, with Transfer, Taped Handle, 6 Dozen in a Crate, Weight About 120 Lbs.....\$7.00

INDOOR BASES

REACH



No. 2—Heavy 8 Oz. Duck, Extra Well Sewed and Stuffed.....\$3.00

INDOOR HOME PLATES

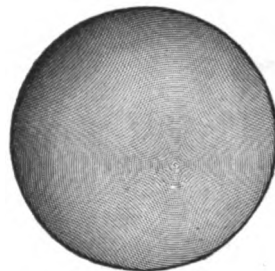
No. 3—12x12 inch Fine Corrugated Rubber.....\$1.20

INFLATED RUBBER BALLS



Champion—2 1/4 inch Diameter, Compressed Cork, Waterproof and Durable\$2.50

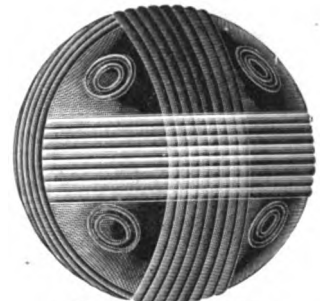
Play the game of Cork Ball, just the same as base ball. You can catch and bat it, but not knock it out of shape. Girls can also play with it, as it won't hurt the hands.



No. 2838.



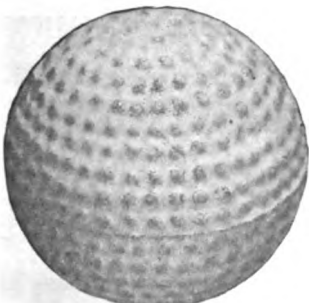
Nos. 2834, 1739, 803 and 739.



Nos. 834 and 835.

No. 2834—Corrugated, 1 1/2 inch Diameter, Red Rubber, Antimony Finish.....	\$0.84
No. 2838—Plain, 2 inch Diameter, Red Rubber, Antimony Finish.....	1.60
No. 1739—Corrugated, 2 1/4 inch Diameter, Red Rubber, Antimony Finish...	1.70
No. 808—Fancy Corrugated, 1 1/2 inch Diameter, Gray Rubber.....	.50
No. 834—Bantam, Fancy Corrugated, 1 1/2 inch Diameter, Gray Rubber.....	.70
No. 835—Bantam, Fancy Corrugated, 1 1/2 inch Diameter, Gray Rubber.....	.80
No. 739—Corrugated, 2 1/4 inch Diameter, Gray Rubber.....	1.60

SOLID RUBBER BALLS



No. 604—1 1/2 inch Diameter, Fancy Corrugated, Assorted Red, White and Blue.....\$0.84



No. 205—1 1/2 inch Diameter, Plain, Assorted 4 Colors.....\$0.70
No. 200—7/8 inch Diameter, Plain, Orange Color.....\$2.00



No. 1020—1 1/2 inch Diameter, Fancy Corrugated, Red Rubber, Antimony Finish.....\$0.50
No. 1050—2 inch Diameter, Fancy Corrugated Red Rubber, Antimony Finish.....1.50

BASE BALL BATS

LOUISVILLE SLUGGER

It is the 35 years of knowing how and a like period of absorption of the best ideas of all leading sluggers in the baseball world which enter into the making of the celebrated Louisville Slugger Bats. Scientifically perfect, hand turned in lathes by bat specialists, perfectly balanced, made from exact models as used by the star batsmen of all leagues and of the choicest growth mountain white ash, which possesses great driving power.



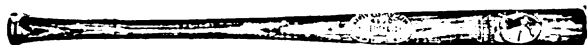
- No. 40K—Kork Grip, Extra Selected Second Growth White Ash, Straight Grained, Golden Oil Tempered Finish, with New York Grip Handle, Assorted Models, Lengths 32 to 36 inches, 1 in a Bag, 3 Dozen in a Crate, Weight About 115 Lbs. \$24.00**
The cork affords a perfect grip, eliminates the vibration, absorbs perspiration and will not sting or slip in the hands.

Per Dozen



- No. 40TS—Tris Speaker, Selected Second Growth White Ash, Straight Grain, Special Flame Burnt Golden Finish, Highly Polished, Assorted Lengths 32 to 36 inches, Assorted Weights, One in a Paper Bag, 3 Dozen in a Crate, Weight About 100 Lbs. \$15.50**

Per Dozen



- No. 40JD—Jake Daubert, Selected Second Growth White Ash, Straight Grain, Thin Handle, Well Balanced, New Brown Flint Finish, Assorted Lengths 33 to 36 inches, Assorted Weights, One in a Paper Bag, 3 Dozen in a Crate, Weight About 90 Lbs. \$15.50**

Per Dozen



- No. 40TC—Ty Cobb Model, Extra Selected Second Growth White Ash, Straight Grain, Flame Burnt Finish, None Genuine without Photo "Trade Mark", Transfer and Autograph Transfer of Ty Cobb, Assorted Lengths 32 to 36 inches, Assorted Weights 36 to 46 Ounces, 1 in a Paper, 3 Dozen in a Crate, Weight About 100 Lbs. \$15.50**

Per Dozen



- No. 40JJ—Joe Jackson Model, Extra Selected Second Growth White Ash, Straight Grain, Special Burnished Dark Finish, Highly Polished, Medium Size Handle, None Genuine without Photo "Trade Mark" and Autograph Transfer of Joe Jackson, Lengths 33, 34, 35 and 36 inches, Assorted Weights 38 to 46 Ounces, 1 in a Paper Bag, 3 Dozen in a Crate, Weight About 100 Lbs. \$15.50**

Per Dozen



- No. 40FB—Frank "Good Night" Baker Model, Selected Second Growth White Ash, Straight Grain, Golden Mottled Finish, Highly Polished, None Genuine without Photo "Trade Mark" and Autograph Transfer of Frank Baker, Lengths 33, 34 and 35 inches, Assorted Weights 36 to 50 Ounces, 1 in a Paper Bag, 3 Dozen in a Crate, Weight About 100 Lbs. \$15.50**

Per Dozen

HILLERICH'S STANDARD



- No. 11B—Semi-Pro, Regulation League, Second Growth Ash, Brown Stain Finish to Handle, Natural Finish Handle, Highly Polished Center, Tape Wound, with Transfer, Made in Assorted Models from Leading Players of American and National Leagues, Lengths 32 to 36 inches, Assorted Weights 35 to 47 Ounces, 1 in a Paper Bag, 3 Dozen in a Crate, Weight About 110 Lbs. \$8.00**

Per Dozen



- No. 7—Champion, Ash, Flame Burnt, Highly Polished, Assorted Lengths 32 to 35 inches, 3 Dozen in a Crate, Weight About 110 Lbs. \$4.00**

Per Dozen



- No. 13—King of the Field, Second Growth Ash, New Golden Finish, Highly Polished, Tape Wound Handle, with New Transfer, Lengths 32 to 35 inches, 1 in a Paper Bag, 3 Dozen in a Crate, Weight About 110 Lbs. \$8.00**

Per Dozen



- No. 4—Junior League, Youth's Size, Ash, Flame Burnt, Highly Polished, Length 32 inches, 6 Dozen in a Crate, Weight 155 Lbs. \$3.60**

Per Dozen



- No. 12—King of the Field, Second Growth Ash, New Golden Finish, Highly Polished, Plain Handle, with Transfer, Assorted Lengths 32 to 35 inches, Assorted Weights, 1 in a Paper Bag, 3 Dozen in a Crate, Weight About 110 Lbs. \$8.00**

Per Dozen

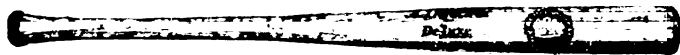


- No. 02—Hillerich's Crackerjack, Boy's Bat, Ash, Yellow Finish, Black Stripes, Highly Polished, Length 30 inches, 6 Dozen in a Crate, Weight About 130 Lbs. \$1.60**

Per Dozen

BASE BALL BATS

REACH



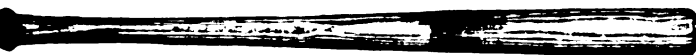
- No. T25—De Luxe, Highest Grade, Selected Second Growth Air Dried White Northern Ash, Straight Grain, Hand Turned, Double Oil Finish, Assorted Models, Lengths and Weights, 1 Dozen in a Crate... **\$24.00**



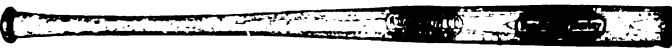
- No. 015—De Luxe, Highest Grade Selected Second Growth Air Dried White Northern Ash, Straight Grain, Hand Turned, Orange Finish, Assorted Models, Lengths and Weights, 1 Dozen in a Crate... **\$24.00**
- No. S15—De Luxe, Scarlet Finish, Otherwise Same as No. 015 **24.00**



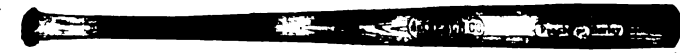
- No. 13-0—Burley, Highest Grade Selected Second Growth White Northern Ash, Straight Grain, Dark Brown Finish, Plain Finish Handle, Assorted Models, Assorted Lengths 31 to 35 inches, Assorted Weight 35 to 46 Ounces, 1 Dozen in a Crate... **\$18.00**



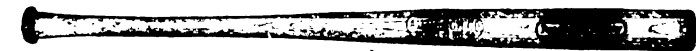
- No. 111—Burley, Highest Grade Selected Second Growth White Northern Ash, Straight Grain, Dark Brown Spotted Burnt Finish, Special Polished, Assorted Models, Assorted Lengths 31 to 35 inches, Assorted Weights 35 to 46 Ounces, 1 Dozen in a Crate **\$14.40**



- No. 10-0—Burley, Highest Grade Selected Second Growth White Northern Ash, Straight Grain, Hand Rubbed Dead Oil Finish, Plain Handle, Assorted Models, Assorted Lengths 31 to 35 inches, Assorted Weights 35 to 46 Ounces, 1 Dozen in a Crate **\$18.00**



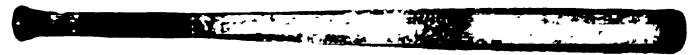
- No. 9-0—Burley, Highest Grade Selected Second Growth White Northern Ash, Straight Grain, New Flame Burnt, Highly Polished, Special Taped Handle, Assorted Models, Assorted Lengths 31 to 35 inches, Assorted Weights 35 to 46 Ozs., 1 Dozen in a Crate... **\$15.50**



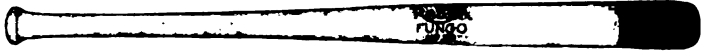
- No. 4-0—Burley, Highest Grade Selected Second Growth White Northern Ash, Straight Grain Natural Yellow Finish, Highly Polished, Plain Handle, Assorted Lengths 31 to 35 inches, Assorted Weights 35 to 46 Ounces, 1 Dozen in a Crate... **\$15.00**



- No. 2-0—Boy's Burley, High Grade Second Growth White Ash, Spotted Burnt, Snappy Yellow Finish, Assorted Lengths and Weight, 1 Dozen in a Crate... **\$ 8.00**



- No. 1-0—Reach League, Selected Second Growth White Ash, Special Golden Finish, Tape Wound Handle, Assorted Lengths and Weights, 1 Dozen in a Crate... **\$8.00**



- No. 79—Reach League, Willow, Natural Yellow Finish, Used for Batting Practice, Assorted Lengths and Weights, 1 Dozen in a Crate... **\$8.00**



- No. 80—Reach Mushroom, High Quality Ash, Dark Brown Finish, Assorted Lengths and Weights, 1 Dozen in a Crate... **\$8.00**



- No. 81—Reach Professional, Extra Quality White Ash, Spotted Burnt Finish, Assorted Lengths and Weights, 1 Dozen in a Crate... **\$8.00**

- No. 82—Reach Heavy Hitter, Good Quality Ash, Special Yellow Finish, Assorted Lengths and Weights, 1 Dozen in a Crate... **4.00**



- No. 83B—Reach School League, Good Quality White Ash, Spotted Burnt Finish, Lengths 31 to 32 inches, 1 Dozen in a Crate... **\$4.00**

- No. 87—Reach Boys' League, Ash, Special Light Brown Finish, 30 inches Long, 3 Dozen in a Crate... **1.80**

BAT BAGS

REACH



- No. BB1—Club, Extra Strong Heavy Canvas, Strap Leather Trimmed, Holds 12 Bats... **\$5.50**
- No. BB3—Club, Holds 6 Bats, Otherwise Same as No. BB1 **4.00**



- No. BB2—Individual, Fine Russet Bag Leather, Used by All League Players, Holds 2 Bats... **\$6.50**
- No. BB4—Individual, Fine Brown Tan Leather, Well and Strongly Made, Holds 2 Bats... **2.80**



- No. BB5—Individual, Heavy Brown Canvas, Leather Capped at Both Ends, Holds 2 Bats... **\$2.30**
- No. BB6—Individual, Heavy Brown Canvas, Leather Capped at One End, Holds 2 Bats... **1.90**

CATCHERS' MITTS

Padded with best asbestos felt, hand formed and sewed pad, special reinforced back and hand protector, patented lacing device, full laced, laced thumb, deep pocket, double stiffening on edge and back to protect fingers. All parts double stitched, strap and buckle at wrist.



Cut Shows King Patent Adjustable Padding.

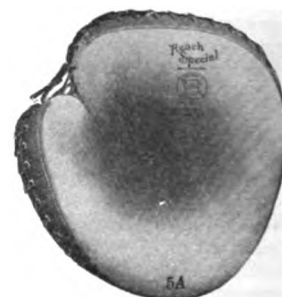
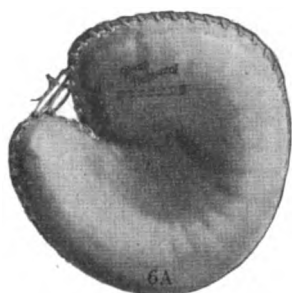
Nos. 8A, S, 6A, 5A, 4C, 3A, AS and 500 Mitts have faces moulded into shape from one piece of choicest leather, making the wearing surface extra strong and preventing the possibility of tearing or ripping. Not a stitch in the entire face, nothing to tear or break loose. The pocket is moulded in the face and held in shape by a special patented hand formed asbestos felt pad, made in such a manner as to prevent the padding shifting or becoming soft and flimsy.

Nos. 8A and 4C are made with new "Hold-Fast" feature back. It is so constructed that when adjusted to the user's hand it will hold fast. It does away with the constant buckling of straps and fits the hand better.

Per Dozen

No. 8A—Reach, Professional, Moulded, Very Finest Quality Brown Reaco Calfskin, King Patent Adjustable Padding, an Important Feature, Being Absolutely Secure Against Breaking or Shifting, New Hold-Fast Feature Back.....\$150.00

No. S—Reach, Professional, Moulded Brown Reaco Calfskin\$150.00

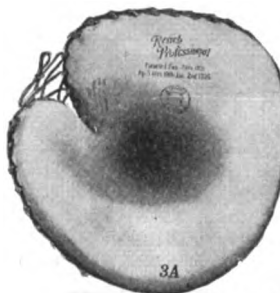


Back view of our Laced Mitts. Shows the original lacing device, patented protection for side of the hand, reinforced fingers, which prevent ripping of seams.

Per Dozen

No. 6A—Reach, Professional, Moulded, Brown Reaco Calfskin\$144.00

No. 5A—Reach, Special, Large, Moulded, Finest Specially Tanned Reaco Buckskin Face, Finest Brown Reaco Calfskin Back, Strip and Fingers, Olive Binding\$126.00



Cut Shows New Hold-Fast Feature Back.

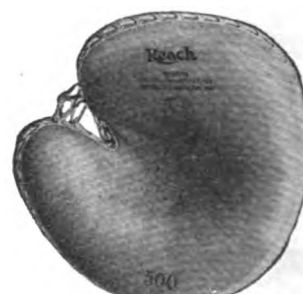
Per Dozen

No. 4C—Reach, Special, Large, Moulded, Finest Brown Reaco Calfskin, Olive Binding, New Hold-Fast Feature Back\$126.00

No. 3A—Reach, Special, Moulded, Finest Pearl Colored Reaco Calfskin, Ox Blood Binding\$126.00

Per Dozen

No. 2A—Reach, Special, Finest Brown Reaco Calfskin Face and Back, Finest Olive Reaco Calfskin Strip and Fingers, Olive Welt and Brown Binding\$112.00



Per Dozen

No. 2B—Reach, Special, Finest Black Reaco Calfskin Face, Back and Fingers, Brown Reaco Calfskin Strip, Brown Welt and Red Binding\$112.00

No. AS—Reach, Special, Moulded, Finest Pearl Colored Reaco Calfskin Face and Back; Olive Calfskin Strip and Fingers\$92.40

Per Dozen

No. 500—Reach, Special, Moulded, Brown Calfskin, White Leather Welt and Binding.....\$90.00

All Above, One in a Box.

CATCHERS' MITTS

Padded with Best Asbestos Felt, Patented Lacing Device, Full Laced, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.



Nos. 41, 30, 30N and 31 Mitts have faces moulded into shape from one piece of choicest leather, making the wearing surface extra strong and preventing the possibility of tearing or ripping, not a stitch in the entire face, nothing to tear or break loose. The pocket is moulded in the face and held in shape by a special patent pad, made in such a manner as to prevent the padding shifting or becoming soft and flimsy.

Nos. 41, 30 and 30N have double stiffening on edge and back to protect fingers.

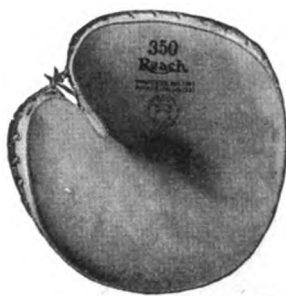


No. 41—Reach, Special, Dark Brown Calfskin, Black Leather Welt and Binding.....**\$80.00**

No. 30—Reach, Special, Moulded, Finest Mouse Colored Reaco Leather, Ox Blood Binding.....**\$66.00**



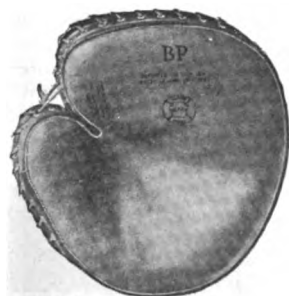
No. 30N—Reach, Moulded, Finest Black Reaco Leather, Ox Blood Binding.....**\$66.00**



No. 350—Reach, Light Color Brown Calfskin, Pearl Calf Strip, Olive Welt and Binding, Reaco Leather Back, Improved Leather Lacing Device**\$56.00**



No. 31—Reach, Moulded, Brown Tan Leather, Ox Blood Binding, Special Pad.....**\$56.00**



No. BP—Reach, Olive Calfskin Face and Fingers, Black Reaco Leather Strip and Back, Olive Welt, Red Binding, Improved Leather Lacing Device**\$48.00**



No. 33—Reach, Pearl Calfskin, Brown Leather Back, Brown Welt, Olive Binding, Well Padded, Improved Leather Lacing Device**\$48.00**



No. DN—Reach, Black Reaco Leather, Wine Welt and Binding, Sole Leather Finger Protector, Improved Leather Lacing Device.....**\$42.00**



Cut shows Patent Sole Leather Finger Protector. This device enables a catcher to scoop up ground balls without danger of injury to fingers or back of the hand. Also adds rigidity and improves wearing qualities.



No. 250—Reach, Brown Reaco Leather Face and Fingers, Olive Tan Leather Back and Strip, Red Welt and Binding, Improved Leather Lacing Device**\$40.00**



No. 20N—Reach, Black Reaco Leather, White Welt and Binding, Improved Leather Lacing Device**\$32.00**



No. 220—Reach, Ecru Leather, Black Tan Leather Strip, Cherry Red Welt and Binding, Improved Leather Lacing Device**\$32.00**

Note—We Also Carry the Following Numbers in Right Hand: Nos. 30, 350, BP, DN and 220. One in a Box.

CATCHERS' MITTS



Cut Shows Patent Strap and Buckle Wrist Supporter, which Prevents the Strap from Bruising the Hand.



- No. M175—Frankfurth, Professional Model, Choice** Black Cordovan Leather, Patent Laced Thumb, Deep Well Formed Pocket, Full Laced Edge, Patent Wrist Strap and Buckle, an Attractive and Durable Mitt **\$22.80** Per Dozen
- No. 200—Similar to No. M175, but Better Quality, Tan** Color Back, White Binding and Lacing, Smoked Palm **\$2.00**

- No. 150N—Reach, Finest Black Reaco Leather Face,** Fingers and Back, Craven Tan Leather Strip, Wine Binding, Improved Leather Lacing Device, Patented Lace Thumb, Deep Pocket, Strap and Buckle at Wrist **\$24.00** Per Dozen
- One in a Box.



- No. 160—Reach, New Thin** Model, Olive Tan Leather, Black Tan Leather Strap, Wine Binding, Improved Leather Lacing Device, Patented Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **\$24.00** Per Dozen
- One in a Box.

- No. 125—Reach, New Thin** Model, Brown Tan Leather, Inclining Face, Reinforcement, Laced, Patented Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **\$20.40** Per Dozen
- One in a Box.

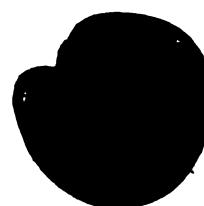
- No. FPN—Reach, New Thin** Model, Olive Tan Leather, Brown Leather Strip, Laced, Patented Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **\$16.00** Per Dozen
- One in a Box.



- No. FP—Reach, New Thin** Model, Brown Tan Leather, Olive Leather Strip, Leather Laced, Patented Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **\$16.00** Per Dozen
- One in a Box.

- No. 75—Reach, Brown Tan** Leather, Ox Blood Strip, Laced, Patented Laced Thumb, Deep Pocket **\$12.50** Per Dozen
- Three in a Box.

- No. 100—Reach, Black Tan** Leather, Wine Color Binding, Full Laced, Strap and Buckle at Wrist, Deep Pocket **\$12.00** Per Dozen
- Three in a Box.



- No. 005—Frankfurth, Generous Size, Good Brown Tan** Leather Palm, Back and Fingers, Special Firm Padding, Ready Broke Pocket **\$8.00** Per Dozen

- No. 68—Reach, Black Leather Back, Face and Fingers.** Wine Color Strip and Binding, Patented Laced Thumb, Deep Pocket **\$8.00** Per Dozen
- Three in a Box.

Note—We Also Carry the Following Numbers in Right Hand: Nos. 125 and FP.

FIRST BASEMEN'S MITTS



Padded with Best Asbestos Felt, Fitted with Patent Lacing Device, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.

Nos. KB, 3BG, 3, 4S and 4B have a Leather Strap and Buckle which is Adjustable, Joining the Thumb and Body of Mitt, Forming a Deep Pocket. Nos. 3B, BF, 44, R and RN have Laced Thumb.



Cut Shows King Patent Adjustable Padding.

Cut Shows New Patented Hold Fast Feature of No. 3BG.

Per Dozen

No. KB—Reach, New Professional, Graball Model, Specially Tanned Reaco Buckskin, King Patent Lacing and Adjustable Padding, an important Feature, Being Absolutely Secure Against Breaking or Shifting.....\$90.00

Per Dozen

No. 3BG—Reach, Ready 4 Use Professional Model, Best Grade Calfskin, Fitted with Patent Asbestos Hinged Pad, Leather Laced, New Patented Hold-Fast Feature Back.....\$90.00

The New Patented Hold-Fast Feature Back enables the player to fix the back to suit his ideas and when once adjusted will fit the hand like a mitt that has been thoroughly broken in by long use.



Per Dozen

No. 3B—Reach, New Hinged Thumb Model, Brown Reaco Calfskin, Leather Laced, Fits Hand Like a Glove....\$72.00

Per Dozen

No. 3—Reach Special, Drab Reaco Buckskin, Leather Laced, Made by Patented Moulding Process, Ready for Use.....\$72.00

Per Dozen

No. 4S—Reach Special, Brown Reaco Calfskin, Leather Laced, Made by Patented Moulding Process, Requires no Breaking in.....\$72.00

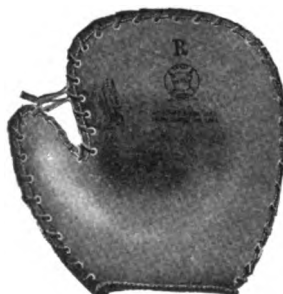


Per Dozen

No. BF—Reach Special, Large Model, Brown Reaco Calfskin, Leather Laced, Well Padded in Heel....\$56.00

Per Dozen

No. 44—Reach Special, Hinge Model, Specially Tanned Olive Reaco Calfskin, Leather Laced, Strong and Reliable, Ready for Use.....\$56.00



Nos. R and RN are made with Reach Celebrated Hinge Pad, which enables the player to field the ball with greatest accuracy. They are ready for use, require no breaking in.



Per Dozen

No. 4B—Reach, New Hinge Thumb Model, Dark Brown Calfskin Face, Brown Tan Leather Back, Red Leather Binding, Leather Laced, a Practical Mitt.....\$48.00

Per Dozen

No. R—Reach, Grabber, Heavy Mouse Colored Calfskin Face, Buckskin Finish, Brown Tan Leather Back and Lining, Leather Laced.....\$32.00

Per Dozen

No. RN—Reach, Grabber, Black Calfskin Face, Black Tan Leather and Lining, Brown Binding, Leather Laced....\$32.00

All Above, One in a Box.

FIRST BASEMEN'S MITTS



Nos. 2R, 2RN, 3R and 3RN are Padded with Best Asbestos Felt, Fitted with Patent Lacing Device, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.



- No. B175—Frankfurth, Fine Tan Leather Throughout, Full Laced Edge, Flexible Non-resilient Padding, Patent Wrist and Buckle Protector, a Splendid Value **\$22.80**
 No. B125—Similar to No. B175, Tan Color, Green Binding, Tan Laced, Cheaper Quality..... **20.00**

- No. 2R—Reach, Brown Tan Leather, White Binding, Leather Laced, Splendid Value..... **\$24.00**



- No. 2RN—Reach, Men's Size, Fine Black Tan Leather, Wine Binding, Leather Laced **\$24.00**



- No. 3R—Reach, Boys' Size, Fine Craven Tan Leather, White Binding, the Boy's Choice.. **\$16.00**
 No. 3RN—Reach, Black Tan Leather, Gold Stamped, a Fine Boys' Mitt..... **16.00**
 One in a Box.



- No. 3RC—Reach, Olive Tan Leather Face and Back, Canvas Inside Back, Leather Lace and Laced Wrist, Wine Color Binding **\$16.00**

FIELDERS' MITTS

Nos. CF, 6F and 7F are Made on Reach New Hinge Model, are Ready for Use, Require no Breaking in, Padded with Best Asbestos Felt, Web Thumb and Deep Pocket, Strap and Buckle at Wrist.



- No. CF—Reach Special, Finest Brown Reaco Calfskin, Weltd **\$48.00**
 One in a Box.



- No. 6F—Reach, Olive Reaco Calfskin, Weltd **\$32.40**
 One in a Box.



- No. 7F—Reach, Pearl Colored Leather **\$20.00**
 One in a Box.



- No. 7N—Reach, Fine Black Tan Leather, Padded with Best Felt, Patent Laced Thumb, Strap and Buckle at Wrist **\$16.00**
 One in a Box.



- No. 7S—Reach, New Combination Basemen's and Fielders' Mitt Model, Finest Brown Tan Leather, Well Padded, Laced Thumb, Strap and Buckle at Wrist **\$12.00**

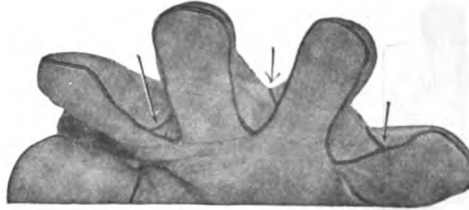
FIELDERS' GLOVES

Reach Fielders' Gloves are Padded with Best Asbestos Felt. Welted, Patent Diverted Seam Between Fingers, Patent Inside Hump, Patent Deep Pocket, Web Thumb.



Cut Shows King Patent Lacing and Adjustable Padding.

The King Patent Lacing and Adjustable Padding makes it possible for the player to arrange the padding to suit his individual ideas. Used in Nos. GA, KG and 05 Gloves.



Cut Shows Patented Diverted Seam.



No. GA—Reach, Graball, Ready 4 Use, Professional Model, New Specially Tanned Reaco Leather, Leather Lined, Welted, Large Heavily Padded Little Finger, King Patent Lacing and Adjustable Padding, Requires no Breaking in.....\$80.00

Per Dozen

No. KG—Reach, Professional, Drab Reaco Buckskin, King Patent Lacing and Adjustable Padding.....\$72.00

Per Dozen



No. HH—Reach, Drab Reaco Horsehide with a Drab Horsehide Lining, Only the Finest Selection of Specially Tanned Leather Used in Constructing this Glove, Brown Welt and Binding, Wide Leather Lacing, Laced at Wrist.....\$80.00

Per Dozen



No. BRG—Reach, New Specially Tanned Reaco Leather, Leather Lined, Requires no Breaking in.....\$69.60

Per Dozen



No. G—Reach, Professional, Finest selection Drab Reaco Buckskin, Leather Lined, Short Fingers, Extra Heavy Padding in Heel and Fingers, Medium Padding in Center of Palm.....\$69.60

Per Dozen



No. OBL—Reach, Special, Drab Reaco Buckskin, Leather Lined, Requires no Breaking in, Ready for Use.....\$60.00

Per Dozen



No. 05—Reach, Special, Mouse Colored Buckskin, White Welt and Binding, King Patent Lacing and Adjustable Padding.....\$56.00

Per Dozen



No. 01—Reach, Special, Olive Reaco Calfskin, Brown Welt and Binding, Full Leather Lined.....\$56.00

Per Dozen



Cut Shows Laced Wrist for Opening the Glove to Adjust Padding.

No. 300C—Frankfurth, Large Professional Style, Choice Mouse Colored Horsehide, Full Leather Lined, Tan Welted Seams and White Laced Wrist, Large Little Finger, Flexible Glove Felt Padding Construction so as to Form a Perfect Ball Holding Pocket.....\$46.00

Per Dozen



No. 03—Reach, Special, Thin Model, Selected Light Weight Black Reaco Calfskin, Full Leather Lined, Ready for Use, Requires no Breaking in.....\$45.00

Per Dozen

Note—We Also Carry the Following Number in Right Hand:

All Above, One in a Box.

FIELDERS' GLOVES

Reach Fielder Gloves are Padded with Best Asbestos Felt, Have Patented Diverted Seam Between Fingers, Patent Inside Hump, Patent Deep Pocket, Web Thumb.



Per Dozen

- No. 74—Reach, Selected Alaska Horsehide, Rich Yellow Color, Black Welt and Binding, Full Leather Lined, Welted, Large Heavily Padded Little Finger.....\$45.60



Per Dozen

- No. 56—Reach, Selected Mouse Colored Buckskin, Full Leather Lined, Welted, Lightly Padded, Ready for Use, Requires no Breaking in\$40.00



Per Dozen

- No. SWN—Reach, Large Model, Selected Black Reaco Leather, Red Welt and Binding, Full Leather Lined, Welted, Laced at Wrist, Large Heavily Padded Little Finger\$36.00



Per Dozen

- No. 58—Reach, Selected Ecru Reaco Leather, Wine Welt and Binding, Full Leather Lined, Welted, Large Heavily Padded Little Finger\$32.00



Per Dozen

- No. 72—Reach, Specially Tanned Selected Brown Reaco Leather, Olive Welt and Binding, Full Leather Lined, Welted, Large Heavily Padded Little Finger.....\$32.00



Per Dozen

- No. 2L—Reach, Specially Tanned Pearl Colored Grain Leather, Soft and Pliable, Black Welt and Binding, Full Leather Lined, Laced at Wrist\$32.00



Per Dozen

- No. 200C—Frankfurth, Professional Model, Special Oil-Tempered Leather, Full Leather Lined, Correctly Padded, Leather Laced Wrist, Perfect Ready-Formed Pocket, Requires no Breaking in.....\$31.00



Per Dozen

- No. 175C—Frankfurth, Best Tan Colored Leather, Full Leather Lined, Red Leather Welted Seams, Well Padded Forming a Perfect Ball Holding Pocket, White Laced at Wrist for Adjusting Padding, Splendid Material Throughout\$22.80
- No. 150C—Frankfurth, Black Leather, White Leather Binding Otherwise Same as No. 175C 22.80



Per Dozen

- No. 151C—Frankfurth, Large Size, Tan Color, Leather Palm, Tan Lacing, White Welded Seams and Binding, Soft Flexible Felt Padding, Producing a Natural Pocket into which the Ball Sticks, White Laced Wrist for Adjusting Padding, Made in Most Careful Manner.....\$21.50
- No. 125C—Frankfurth, Similar to No. 151C, Tan Color, Tan Birch Leather Palm, Felt Back 20.00



Per Dozen

- No. 3GL—Reach, Excellent Quality Black Tan Grain Leather, Leather Lined, Welted\$25.20

- No. 9G—Reach, Fine Mouse Colored Leather, Full Leather Lined, Welted, Large Heavily Padded Little Finger 25.20



Per Dozen

- No. 3G0—Reach, Selected Olive Tan Leather, White Welt and Binding, Full Leather Lined, Welted, Large Heavily Padded Little Finger..\$24.00

Note—We Also Carry the Following Numbers in Right Hand: Nos. SWN, 58, 9G.
All Above, One in a Box.

FIELDERS' GLOVES

Reach Fielder Gloves are Padded with Good Felt, Have Patented Diverted Seam Between Fingers, Patented Inside Hump, Patent Deep Pocket, Web Thumb.



No. 2N—Reach, Excellent Quality Black Tan Leather, Improved Leather Lined, Gold Stamped, Welted, Best Felt Padding\$20.40
One in a Box.



No. 2G—Reach, Finest Mouse Colored Leather, Improved Leather Lined, Brown Welted Best Felt Padding, Large Heavily Padded Little Finger\$20.00
One in a Box.



No. 55—Reach, Craven Tan Leather, Wine Welt and Binding, Half Leather Palm Lining, Best Felt Padding, Large Heavily Padded Little Finger\$16.80
One in a Box.



No. 10N—Reach, Fine Black Tan Leather, Palm Leather Lined, Gold Stamped, Best Felt Padding, Large Heavily Padded Little Finger...\$16.00
One in a Box.



No. 10G—Reach, Fine Brown Tan Leather, Palm Leather Lined, Best Felt Padding, Large Heavily Padded Little Finger, Laced Wrist....\$16.00
One in a Box.



No. 100C—Frankfurth, Large Size, Selected Black Colored Kid Leather, White Leather Welted Seams, Correctly Padded, Leather Palm Lining, Deep Flexible Pocket...\$15.50
One in a Box.



No. 52—Reach, Men's Size, Olive Tan Leather, Half Leather Palm Lining, Brown Welt and Binding.....\$16.00
Three in a Box.



No. 54—Reach, Brown Tan Leather, White Welt and Binding, Leather Lined....\$12.00
Three in a Box.



No. 54N—Reach, Men's Size, Black Tan Leather, Leather Palm Lining, Welted...\$12.00
Three in a Box.



No. 18N—Frankfurth, Men's Size, Black Tan Leather, Leather Palm Lining, White Leather Welted Seams\$8.40
Three in a Box.



No. 018—Frankfurth, Men's Size, Tan Colored Leather, Leather Welted Seams, Leather Palm, Soft Felt Padding, Natural Pocket Formation\$8.00
Three in a Box.

Note—We Also Carry the Following Numbers in Right Hand: Nos. 10G, 54N and 018.

CATCHERS' MASKS

REACH



No. 6W—Spitter, Double Frame, Extra Strong, Double Wire Throughout, Gun Metal Enameled, Full Length Pads, Extra Padded, Patented Head Band, Used by Leading Professional Catchers\$102.00



No. OE—Wide Sight, Highest Grade Material, Special Heavy Wire, Black Finish, Specially Braced and so Constructed that it Will not Knock Out of Shape, Full Length Pads, without Sun Shade\$80.00

No. OE Masks have the wide sight idea, the center wire being omitted enables the catcher to follow foul tips, watch the bases better, in fact he can see with this mask as good as if he had no mask on.



No. SL—Spitter, Double Frame, Extra Heavy Wire, Gun Metal Enameled, Strongly Brazed Joints, Patented Full Length Pads, Special Head and Chin Pad, Patented Head Band\$84.00



No. 400—Wide Sight, Extra Strong Black Wire, Padded with Full Length Pads, Patented Head Band.....\$64.00



No. OS—Neck Protecting, Heavy Wire Frame, Gun Metal Enameled, Full Length Pads, Patented Head Band.....\$56.00



No. 20S—Reach Special, Heavy Wire Frame, Gun Metal Enameled, Full Length Pads, Transparent Sun Shade\$50.40



No. 30S.



No. 2S.



No. 25S.



No. 60S.

No. 30S—Association, Heavy Steel Wire, Gun Metal Enameled, Full Length Pads, Transparent Sun Shade\$42.00
No. 2S—Association, Heavy Steel Wire, Gun Metal Enameled, Full Length, without Sun Shade..... 32.00
The Transparent Sun Shade on Nos. 20S, 30S and 60S Masks afford positive protection from blinding sun-rays. It is adjustable and can easily be replaced with a new one in event of same becoming broken.

No. 25S—Regulation, Heavy Steel Wire, Extra Strong, Well Padded\$25.20
No. 60S—Amateur, Boys' Size, Steel Wire, Black Enameled, Well Padded, Patented Green Transparent Sun Shade..... 24.00



No. XX—Amateur, Men's Size, Light Black Steel Wire, Strongly Constructed, Well Padded.....\$16.00
No. XS—Amateur, Youths' Size, Otherwise Same as No. XX..... 16.00
No. 3M—Amateur, Men's Size, Heavy Black Steel Wire, Well Padded and Finished, no Head or Chin Piece 13.00



No. CM.



No. DM.

No. CM—Youths' Size, Heavy Black Wire, Well Padded, no Head and Chin Piece.....\$8.00
No. DM—Youths' Size, Light Black Wire, Well Padded, no Head and Chin Piece..... 4.00

UMPIRES' MASKS

REACH



- No. 4U**—Extra Heavy Steel Wires, Gun Metal Enamelled, Specially Braced, Well Padded, Green Transparent Sun Shade, Special Hinged Ear Protector, with Chin Piece.....**\$84.00**
No. 3U—Without Chin Piece, Otherwise Same as No. 4U **72.00**

Per Dozen

UMPIRES' BODY PROTECTORS

REACH



- No. 15P**—Special Designed, Pure Rubber, Inflated with Air, Patented Shoulder Pads for Protection of Collar Bone**\$15.00**

Each

BODY PROTECTORS

REACH



- No. SP**—Sullivan's, Strongest Light Weight Army Khaki, Chambers or Reeds Padded with Deer Hair, Laced All Around Edge, Enabling the User to Adjust Padding, Extra Pad Over Shoulder, Protects Shoulder and Entire Body, Adjustable Straps, Needs no Blowing up, Consequently no Leaks.....**\$13.50**

Each



- No. 5P**—Professional Model, Full Size, Pure Rubber, Covered with Olive Cloth, Inflated with Air.....**\$10.80**

Each



Cut Shows Back View.

- No. CP**—Reach Patented, Heavy Canvas Heavy Reeds to Break the Force of Blow, Laced in Back, Forming Air Chamber, Will Outwear the Inflated Protector and Will Prevent Injury to the One Using it**\$2.30**

Each



- No. 1P**—League, Full Size, Pure Rubber, Covered with Gray Mixed Cloth, Inflated with Air**\$8.00**
No. 1AP—Amateur, Covered with Olive Cloth, Otherwise Same as No. 1P..... **7.00**
No. 2AP—Full Size, Good Rubber, Covered with Khaki Cloth, Inflated with Air..... **5.50**
No. 1BP—Boys' Size, Otherwise Same as No. 2AP..... **5.00**

Each



- No. 2P**—Men's Each Size, Heavy Canvas, Padded with Best Felt**\$2.20**
No. 3P—Boys, Size, Heavy Canvas, Padded with Best Felt, a Thorough Protection for the Catcher **1.50**

LEG GUARDS

REACH

Per Pair



- No. C4**—Catchers' and Umpires', Moulded Leather Knee Cap, with 3 Padded Joints Below the Knee to Give Freedom of Movement. The Shin Covering is Made of Tough Woven Material Reinforced on the Under Side with a Composition that is Light and Will Turn the Sharpest Spikes. Ankles are Fully Protected with the Extension of Shin Pads.**\$7.50**

WRIST SUPPORTERS



- No. 1**—Fine Calf Leather, Single Strap and Buckle.....**\$3.00**
No. 0—Same as No. 1, but Sheepskin **2.00**

Per Dozen

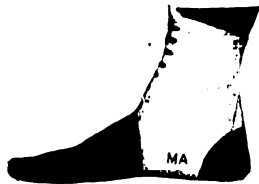


- No. 5**—Fine Calf Leather, Double Strap and Buckle.....**\$5.00**

Per Dozen

ANKLE SUPPORTERS

REACH



Per Dozen Pairs
 No. L—Russia Calfskin\$18.00
 No. MA—Brown Grain Leather. 12.00
 Reach Ankle Supporters are made with a patent Diverted Seam which prevents rubbing on the back of the heel.

NATHAN PLAIN



Per Dozen Pairs
 No. K—Plain Tan Leather.....\$8.00
 No. 25—Plain Black Canvas.... 4.00
 For weak ankles, sprains, skating or other athletic purposes. Made in all sizes.

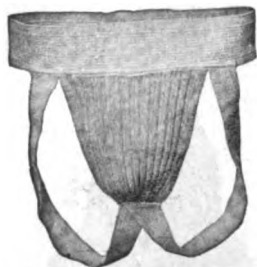
NATHAN VENTILATING



Per Dozen Pairs
 No. E—Tan Leather\$15.00
 No. C—Black Canvas 8.00
 The Nathan Ventilating Corset Ankle Support has an improvement for removing the bones and has no ridge on top. Arranged with a seamless "Can't Wrinkle Back" fitted with a series of ventilating eyelets which prevent undue perspiration and overheating of ankles.

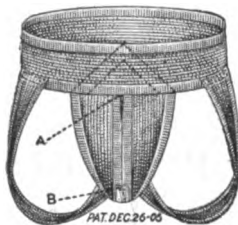
JOCK SUPPORTERS

O. C.



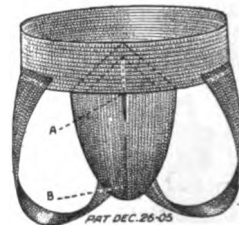
Per Dozen
 No. 31X—Highest Grade Elastic Silk Bag, Wide Elastic Bands and Under Straps, Correct in Style, Finish and Fit, Can be Cleaned by boiling without injury to Rubber\$16.00
 Small sizes to fit 22 to 28 in. waist, medium sizes 30 to 38 in., large size 40 to 48 in.

MIZPAH



Per Dozen
 No. 44—Extra Heavy Webbing Throughout, Welt Edge Making Webbing Stronger, Self-Adjusting, Perfect Anatomical Fit, Narrow Under Straps, Patented Flat Opening, Perfect Pouch, no Buttons, Buckles, Hooks, Snap Fasteners or Metal of Any Kind to Corrode or hurt the Flesh, Can be Boiled to Cleanse without injury to the Rubber\$12.00
 Small size to fit 22 to 28 in. waist, 28 to 34 in., large size, 34 to 40 in., extra large furnished on application.

MIZPAH

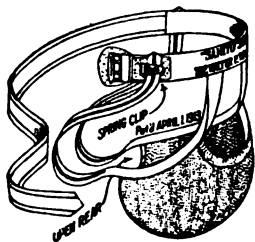


Per Dozen
 No. 34—Extra Heavy Webbing Throughout, Self-Adjusting, Perfect Anatomical Fit, Narrow Under Straps, Perfect Pouch, no Buttons, Buckles, Hooks, Snap Fasteners or Metal of Any Kind to Corrode or Hurt the Flesh, Best Quality Rubber, Can be Boiled to Cleanse without injury\$8.00
 Made in Sizes: Small, Medium and Large.

SUSPENSORIES

SANITO

Per Dozen



No. 75— $\frac{3}{4}$ inch Striped Lisle Elastic Belt, $\frac{1}{2}$ inch Striped Lisle Elastic Under Straps, Closed Stitch Pure Silk Pouch, Spring Fasteners for Under Straps, Patent Nicked Buckle for Belt, Will Not Chafe, Can be Boiled to Cleanse without injury to the Rubber.....\$12.00
 Made in Sizes: Small, Medium and Large.

ABDOMINAL GUARD AND SUPPORTERS

REACH

Each

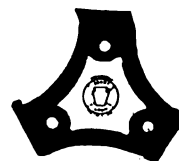


No. 76—Aluminum, Rubber Bound, Enamelled, Well Ventilated, Light and Comfortable, do Not Interfere with Movements of Wearer, Can be Adjusted or Removed Quickly, Held in Place by Elastic Straps, Used by Boxers, Wrestlers, Base Ball, Foot Ball, Hockey and Polo Players\$4.80
 No. 73—Same as No. 76, but Leather Bound, not Enamelled or Ventilated..... 3.50

HEEL

SHOE PLATES

REACH



Per Dozen Pairs
 No. 1T—Special, Extra Quality Steel, Hand Forged, Specially Tempered and Sharpened, Beveled Edges...\$8.00
 No. 2T—League, Best Quality Steel, Specially Sharpened Points 4.00
 No. 6T—Amateur, Good Quality Steel, Not Sharpened.. 1.50

Per Dozen Pairs
 No. 1H—Special, Extra Quality Steel, Hand Forged, Specially Tempered and Sharpened, Beveled Edges...\$8.00
 No. 2H—League, Best Quality Steel, Specially Sharpened Points 4.00
 No. 6H—Amateur, Good Quality Steel, Not Sharpened.. 1.50

PITCHERS' TOE PLATES

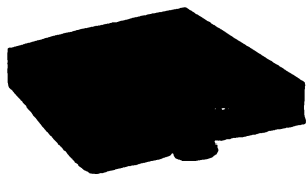
REACH

Per Dozen

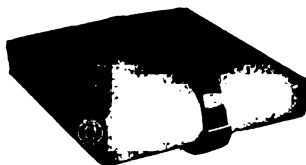
No. 5T—Aluminum, Right or Left.....\$4.00
 Worn on the toe and affords a thorough protection to the shoe. Used by all professionals and amateurs.

BASES

REACH



- No. **E1**—League, Extra Heavy Double White Canvas, Well Stuffed and Quilted, Extra Strong Straps, with Spikes...**\$9.00**
Three Bases to a Set.



- No. **E2**—Professional, Extra Heavy White Canvas, Well Stuffed, Extra Strong Straps, with Spikes**\$7.50**
No. **E3**—Amateur, Heavy White Canvas, Well Stuffed, Strong Straps, with Spikes.....**\$5.50**
Three Bases to a Set.



- No. **E4**—Special, Canvas, Not Stuffed, Can be Carried in Small Space and Filled with Sand or Hay and Emptied After Game, with Spikes....**\$1.50**
Three Bases to a Set.

PITCHERS' BOX PLATES

REACH



- No. **PC**—White Composition, Complete with Pins, Made According to League Regulations...**\$5.50**

HOME PLATES

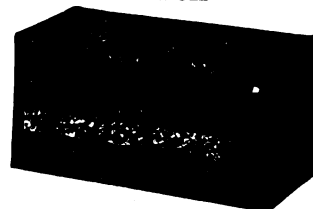
REACH



- No. **HC**—White Composition, Complete with Pins, Made According to League Regulations**\$7.50**

DOLCE PREPARATION

REACH



- Dolce—For Softening and Preserving Leather, Put up in a Tube, Packed in a Pasteboard Box**\$1.60**

UMPIRE INDICATORS

REACH



- Reach—Celluloid, for the Use of Baseball Umpires and Scorers, to Keep Tally of the Number of Strikes and Balls that May be Called.....**\$8.00**

SCORING TABLETS

REACH



- Reach—Celluloid, a Convenient and Accurate Device for Any Record of Runs and Outs, Can be Carried in Any Vest Pocket.....**\$4.00**

SCORE BOOKS

REACH
Pocket Size.

- No. **1SB**—Paper Cover, 7 Games.....**\$0.12**
No. **2SB**—Cloth Cover, 22 Games.....**.30**
No. **3SB**—Cloth Cover, 50 Games.....**.60**
No. **8SB**—Leather Cover, 100 Games.....**1.40**

Club Size.

- No. **4SB**—Cloth Cover, 30 Games.....**\$1.00**
No. **6SB**—Cloth Cover, 90 Games.....**2.00**
No. **7SB**—Cloth Cover, 120 Games.....**2.70**

PUBLICATIONS

REACH



- Reach's **Baseball Guide**—Contains Everything You Want to Know About Baseball, Complete Records of All Leagues...**\$0.14**



- Reach's **Art of Curve Pitching**—Illustrates the Various Curves and Explains the Art of Curve Pitching, Also Gives Full Directions How to Puzzle a Batsman**\$0.14**



- Reach's **Art of Batting**—Contains Useful Hints and Directions for Acquiring a Scientific Knowledge of the Art.....**\$0.14**

BASEBALL PERCENTAGE BOOKS

- Reach's **Baseball Percentage Book**.....**\$0.14**

FOOT BALLS

REACH



Per Dozen

No. E5—Official Varsity, Made of Specially Selected "Tuf-ide" Leather, a Guaranteed Pebble Grain Football Leather Used Exclusively for Reach Footballs, Only the Very Best Selection is Used, Insuring a Perfect Shape Ball, Each Ball Packed in a Box and Sealed, Complete with a Pure Para Rubber Bladder, Rawhide Lace and Lacing Needle **\$90.00**



Per Dozen

No. 5—Intercollegiate, Regulation Size, Selected Pebble Grain Cowhide Leather, a Type of the Perfect Football, True in All its Proportions, Perfectly Symmetrical, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **\$66.00**



Per Dozen

No. 5R—Rugby Match, Regulation Size, Superior Pebble Grain Cowhide Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **\$57.60**



Per Dozen

No. 5C—Academic Rugby, Regulation Size, Fine Pebble Grain Cowhide Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Leather Lace and Lacing Needle... **\$50.40**



Per Dozen

No. 5F—Scholastic Rugby, Regulation Size, American Pebble Grain Cowhide Leather, Canvas Lined, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **\$42.00**



Per Dozen

No. 5H—Special Rugby, Regulation Size, Selected Pebble Grain Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **\$32.00**



Per Dozen

No. 5S—Amateur Rugby, Regulation Size, Finest Pebble Grain Leather, Canvas Lined, Guaranteed to Hold its Shape, Complete with Pure Para Rubber Bladder and Linen Lace **\$25.20**



Per Dozen

No. 5M—Practice Rugby, Fine Brown Pebble Grain Leather, Canvas Lined, Guaranteed to Hold Perfect Shape, Complete with Rubber Bladder and Lace **\$20.40**



Per Dozen

No. 50—Youths' Rugby, Fine Brown Grain Leather, Canvas Lined, Guaranteed to Hold Perfect Shape, Complete with Rubber Bladder and Lace **\$16.00**

MAJESTIC



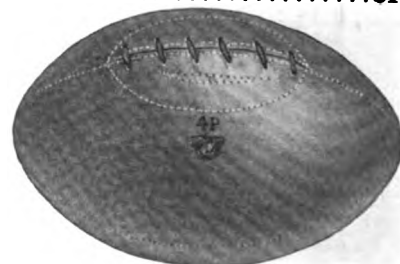
Per Dozen

No. 3—Rugby, Boys', Pebbled Grain Leather, Patented Seamless Bladder, Will Stand Lots of Kicking **\$12.00**



Per Dozen

No. 3X—Rugby, Russet Smooth Leather, Patent Seamless Bladder, Very Tough, Good Value **\$10.00**



Per Dozen

No. 4P—Rugby, Strong Imitation Pebbled Leather, Patent Seamless Bladder, Cotton Lace, Will Outlast Some of the Cheap Leather Balls **\$8.00**

FOOT BALLS

REACH



- No. **E5A**—Official Soccer, Selected Tuf-ide Pebble Grain Leather, On the Latest and Official Pattern, Perfect in Every Way, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **\$90.00** Per Dozen



- No. **G**—Official Gaelic Soccer, Selected Tuf-ide Leather, Eight Sections, Every Care Taken to Make it Perfect in Every Way, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Inflating Pump, Lacing Needle and Leather Lace **\$96.00** Per Dozen



- No. **5A**—Match Association Soccer, Finest Pebble Grain Cowhide Leather, Eight Section Pattern, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **\$68.40** Per Dozen



- No. **5B**—Soccer, Pebble Grain American Cowhide Leather, New Soccer Pattern, Guaranteed to Hold Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **\$60.00** Per Dozen



- No. **5X**—Amateur Soccer, Finest Pebble Grain Sheepskin Leather, Eight Sections, Canvas Lined, Guaranteed to Hold its Shape, Complete with Pure Para Rubber Bladder and Lace **\$32.40** Per Dozen

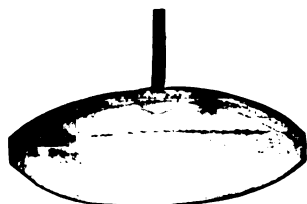


- No. **50X**—Youths' Association Soccer, Regulation Size, Fine Brown Grain Sheepskin Leather, Canvas Lined, Guaranteed to Hold its Shape, Button Ends, Complete with Pure Para Rubber Bladder and Lace **\$25.20** Per Dozen



- No. **XA**—Boys' Association Soccer, Brown Tanned Leather, Canvas Lined, Guaranteed to Hold its Shape, Complete with Rubber Bladder and Lace **\$16.80** Per Dozen

REACH RUGBY



Pure Para Rubber, Guaranteed.

- No. **E5**—For No. E5 Football... **\$16.00** Per Dozen
 No. **5R**—For Nos. 5, 5R and 5C Footballs **13.20**
 No. **5S**—For Nos. 5F, 5H, 5S, 5M and 50 Footballs **10.80**

FOOT BALL BLADDERS

REACH SOCCER ASSOCIATION



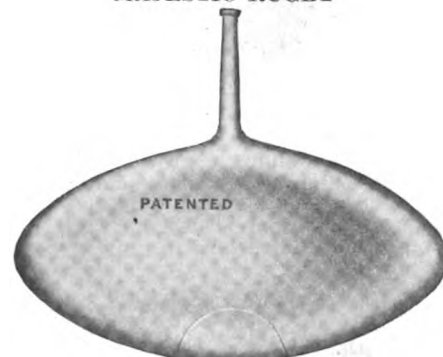
Pure Para Rubber, Guaranteed.

- No. **0A**—For No. G Football... **\$16.00** Per Dozen
 No. **E5A**—For No. E5A Football **16.00**
 No. **5B**—For Nos. 5X, 50X and XA Footballs **10.80**

REACH GUARANTEE

All Bladders bearing our Trade Mark are Guaranteed Perfect in Material and Workmanship. We will replace any which prove defective within one year from date of purchase. We except from the provisions of this Guarantee, and will not replace, bladders which are punctured within two inches of the stem, or any which show from their appearance that they have been subjected to abuse.

MAJESTIC RUGBY



Seamless, Rubber.

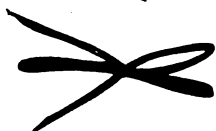
- No. **4**—For Nos. 3, 3X and 4P Majestic Footballs **\$5.40** Per Dozen
 Every Bladder tested with compressed air before shipping. Any Bladder made by us will be replaced if found defective.

LACING NEEDLES



No. 2—Polished Wood Handle, for Lacing Foot Balls, Basketballs, Striking Bags, Etc. \$1.60
This is the most practical device on the market, the wooden handle enables the user to get a firm grip on the needle and the ball can be laced with better results.

LEATHER LACE

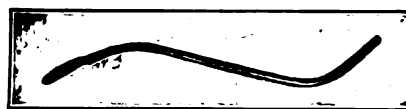


Leather Laces—Rawhide, for Foot Balls, Basket Balls, Striking Bags, Etc. \$1.60



No. 1R—Pocket Size, for Foot Balls, Basket Balls, Striking Bags, Volley Balls, Etc. \$5.50

REACH



No. 1—For Lacing Foot Balls, Basket Balls, Striking Bags, Etc. \$0.72

INFLATORS

REACH



No. 2—Club Size, 13 1/2 inches Long when Closed, 10 inch Cylinder, 1 1/2 inch Diameter, Polished Brass, Nickel Plated, for Foot Balls, Basket Balls, Striking Bags, Volley Balls, Etc. \$8.40



No. 1—Pocket Size, 7 1/2 inches Long when Closed, 5 1/2 inch Cylinder, 3/4 inch Diameter, Brass, Nickel Plated, for Foot Balls, Striking Bags, Volley Balls, Etc. \$3.60

ELASTIC BANDAGES

REACH

ANKLE BANDAGE

ELBOW BANDAGE

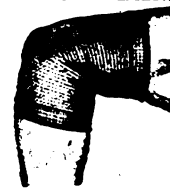


No. BCE—Finest Linen \$15.60
In ordering, give circumference above and below elbow and specify whether strong or light pressure is wanted.



No. BCA—Finest Linen \$16.80
In ordering, give circumference around ankle and over instep and specify whether strong or light pressure is wanted.

KNEE CAP BANDAGE



No. BCK—Finest Linen \$16.80
In ordering, give circumference below knee, at knee cap and just above knee and specify whether strong or light pressure is wanted.

SHOULDER AND ELBOW PADS

REACH



Elbow Pad.



Shoulder Pad.

No. LE—Elbow, Leather and Felt \$9.60
No. CE—Elbow, Canvas and Felt 8.00
No. LS—Shoulder, Leather and Felt 9.60
No. CS—Shoulder, Canvas and Felt 8.00

Elbow and Shoulder Pads are made in the most practical manner on the latest designs. Can be easily attached, light in weight, yet they afford thorough protection to the wearer.



SHIN GUARDS

REACH

Per Dozen Pairs

No. 1—Inter-Collegiate, Men's Size, Black Grain Leather, Leather Straps, Cane Ribs, Well Padded, Leatherette Bound Cane Ribs \$24.00

No. 2—Men's Size, Brown Tan Leather, Leather Straps, Cane Ribs, Well Padded and Bound, An Excellent Guard. 21.60

No. 3—Men's Size, Moleskin, Leather Straps, Cane Ribs, Well Padded and Bound. 16.00

No. 4—Men's Size, Pebble Grain Leather, Leather Straps, Cane Ribs, Well Padded. 18.00

No. 5—Men's Size, Black Leatherette, Strong Straps, Cane Ribs, Well Padded and Bound. 12.00

No. 6—Men's Size, Brown Canvas, Strong Straps, Cane Ribs, Well Padded. 8.00

NOSE MASKS

MORRILL'S

Finest Rubber, No Wire or Metal Used in its Construction, with Head Band.

Affords absolute protection to the nose and teeth.

No. 0B—Boy's Size, Adjustable Mouthpiece \$8.00

No. 1—Men's Size, Solid Mouthpiece 7.00

EXTRA MOUTHPIECES

No. AO—Extra Mouthpiece for No. 0 Nose Mask \$1.00

No. AB—Extra Mouthpiece for No. 0B Nose Mask 4.00

EAR PROTECTORS

REACH



No. EP—Heavy Felt, Held in Place by Canvas Straps. \$24.00

Designed for use by a boxer in training to prevent receiving a tin or cauliflower ear or to save from injury one already afflicted this way.



HEAD HELMETS AND HARNESS

REACH



No. 0M—Black Grain Leather, Moulded to Fit Head, Leather Sweat Band, Well Padded with White Felt, Sewed with Extra Strong Waxed Thread, Perforated for Ventilation, Adjustable Chin Strap, Extra Long in the Back, Affords a Thorough Protection to the Base of the Brain.....**\$66.00**

Per Dozen



No. 0—Finest Grain Leather, Lined with the Best White Felt, Extra Strong, Sewed with Extra Strong Waxed Thread, Well Ventilated, Extra Long in the Back, Affords a Thorough Protection to the Base of the Brain, Adjustable to Fit Any Size Head....**\$48.00**

Per Dozen



No. 1H—Black Grain Leather, Lined with White Duck, Thoroughly Padded with White Wool Felt, Sewed with Extra Strong Waxed Thread, Adjustable Elastic Chin Strap, Extra Long in the Back to Protect Base of the Brain**\$48.00**

Per Dozen



No. 1—Fine Black Grain Strap Leather, Lined with Best White Felt, Well Ventilated, Elastic Chin Strap, Extra Long in the Back to Protect Base of the Brain, Adjustable to Fit Any Size Head**\$40.00**

Per Dozen



No. 2—Black Grain Leather and Moleskin, Padded with White Wool Felt, Sewed with Extra Strong Waxed Thread, Elastic Chin Band, Extra Long in the Back to Protect Base of the Brain..**\$33.60**

Per Dozen



No. 4—Fine Grain Strap Leather, Padded with White Felt, Well Ventilated, Elastic Chin Strap, Extra Long in the Back to Protect Base of the Brain, Adjustable to Fit Any Size Head.....**\$32.00**

Per Dozen



No. 5—Black Tan Leather, Well Padded with Grey Felt, Thoroughly Ventilated, Best Harness on the Market for the Price, Adjustable to Fit Any Size Head**\$17.00**

Per Dozen

STRIKING BAGS

REACH
DOUBLE END



Nos. 30D, 28D, 12D and 10D.



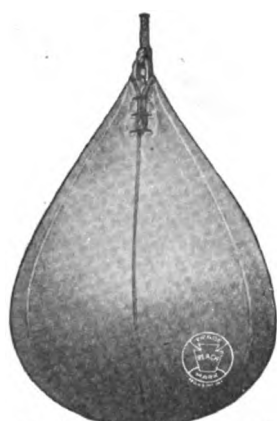
Nos. 4 1/2 D, 4D, 3 1/2 D and 2D.

- | | Per Dozen |
|---|-----------|
| No. 30D—The Corbett, Regulation Size, Finest California Napa Tan Leather, Hand Weltd and Stayed Seams, Patent Fixture at Bottom, Guaranteed Perfect Shape | \$96.00 |
| No. 28D—Regulation Size, Finest Pearl Colored Leather, Hand Weltd and Stayed Seams, Patent Fixture at Bottom | 80.00 |
| No. 12D—Regulation Size, Finest Olive Tan Leather, Weltd and Stayed Seams, Patented Fixture at Bottom | 72.00 |
| No. 10D—Regulation Size, Finest Ox Blood Leather, Weltd and Stayed Seams, Patented Fixture at Bottom | 64.00 |

- | | Per Dozen |
|--|-----------|
| No. 4 1/2 D—Regulation Size, Fine Wine Tan Leather, Brown Trimmings, Weltd and Stayed Seams..... | \$56.00 |
| No. 4D—Black Tan Leather, Red Weltd, Stayed Seams, Cherry Red Trimmed, a Very Attractive and Practical Bag | 48.00 |
| No. 3 1/2 D—Olive Tan Leather, Weltd and Stayed Seams, Best Bag at the Price..... | 40.00 |
| No. 2D—Brown Tan Leather, Olive Trimmings, Stayed Seams, An Excellent Bag for Boys..... | 32.40 |
| No. 0D—Youth's Size, Craven Tan Leather, Olive Tan Trimmings | 26.40 |

All Double End Striking Bags are put up complete with Rubber Bladder, Rubber Cord for floor, Suspending Cord for ceiling and Screw Eyes. All are made with Reach Patented Loop, guaranteed that it will not pull out.

SWINGING



Nos. 40, 35, 20, 30, 18, 15, 13.



Nos. 16 and 10.



Nos. 5 and 6.



Nos. 4, 3 1/2 and 0.

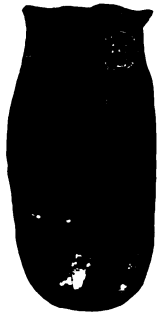
- | | Per Dozen |
|---|-----------|
| No. 40—Professional, Professional Size, Highest Quality Brown Mocha Kid, Special Tanned Hand Weltd Seams, Especially Designed for Fast Work, Weight Each with Bladder 8 Oz..... | \$128.00 |
| No. 35—Reach Special, Professional Size, Finest Black Kangaroo Leather, Hand Weltd Seams, Extra Strong Yet Light in Weight..... | 112.00 |
| No. 20—Gymnasium Special, Regulation Size, Finest Selected French Calfskin, Hand Weltd Seams, Finest Gymnasium Bag Made, Endorsed by Leading Athletic Clubs..... | 112.00 |
| No. 30—The Corbett, Regulation Size, Made of Finest California Napa Tan Leather, Hand Weltd Seams, Guaranteed in Every Particular, Endorsed by the Leading Bag Punchers..... | 96.00 |
| No. 18—Gymnasium, Regulation Size, Fine Ecru Calf Leather, Hand Weltd Seams, Extra Strong..... | 96.00 |
| No. 15—Regulation Size, Very Finest Selected Craven Tan Leather, Hand Weltd Seams, Very Fast and Lively | 80.00 |

- | | Per Dozen |
|--|-----------|
| No. 16—Gymnasium, Regulation Size, Finest Brown Grain Calfskin, Weltd and Stayed Seams, a Great Gymnasium Bag at the Price..... | \$84.00 |
| No. 10—Regulation Size, Finest Ox Blood Leather, Weltd and Stayed Seams..... | 56.00 |
| No. 6—Duo-Tone, Regulation Size, Very Finest Selected Olive Tan and Ox Blood Leather, Alternating Sections, Hand Weltd Seams, Very Fast and Lively | 64.00 |
| No. 5—Duo-Tone, Regulation Size, Fine Brown and Black Tan Leather, Alternating Sections, Hand Weltd Seams, a Good Novelty Bag..... | 48.00 |
| No. 4—Men's Size, Fine Black Tan Leather, Red Weltd | 40.00 |
| No. 3 1/2—Youth's Size, Olive Leather, Stayed Seams, Best Bag Made at the Price..... | 32.40 |
| No. 0—Youth's Size, Brown Tan Leather..... | 24.00 |

All Swinging Bags are pear shaped, new model. This shape insures a perfectly true swing to the back. Packed complete with Rubber Bladder, Suspension Cord and Lace.

STRIKING BAG GLOVES

REACH



No. 1—Corbett, Finest Imported French Glove Kid, Padded with Best Felt\$32.40



No. 2—Finest California Green Napa Kid, Padded with Best Felt\$25.20



No. 6—Fine Olive Tan Leather, Padded with Best Felt.....\$18.20

STRIKING BAG BLADDERS

REACH



No. 7T.

For Use in Double End Bags.
Pure Rubber, Guaranteed.

	Per Dozen
No. 7T—For Nos. 28D and 30D Bags	\$16.00
No. 5T—For Nos. 4D, 4½D, 10D and 12D Bags.....	13.20
No. BT—For Nos. 0D, 2D and 3½D Bags	10.80

These Bladders are thoroughly tested by the manufacturers.



Nos. BT-5T.



No. 7.

For Use in Swinging Bags.
Pure Rubber, Guaranteed.

	Per Dozen
No. 7—For Nos. 16, 18, 20, 30, 35, and 40 Bags.....	\$16.00
No. 5—For Nos. 4, 5, 6, 10, 13 and 15 Bags.....	13.20
No. B—For Nos. 0 and 3½ Bags	10.80

These Bladders are thoroughly tested by the manufacturers.



Nos. B-5.

RUBBER ELASTIC CORDS

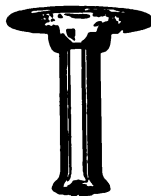
REACH



No. 16—3 feet Long, Heavy Weight, Looped End, for Double End Bags\$4.00

STRIKING BAG SWIVELS

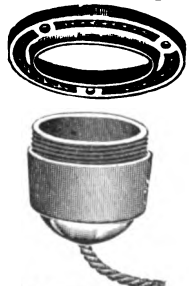
REACH



No. 10X—Hart's, Nickel Plated.....\$16.80
Can be used in three positions, ceiling, wall and floor. The bag always swings in a perfect circle.



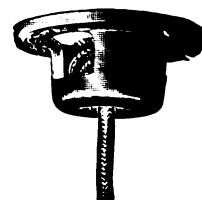
No. 100—Ball Bearing, Nickel Plated.....\$16.80
A perfect swivel, simple in construction, has a special feature for attaching and adjusting the rope instantly.



No. 337—Ball Bearing, Copper, Nickel Plated, Detachable Socket\$12.00
All of the friction bears on the ball, which moves at will in any direction with the swing of the bag.



No. 309—Ball Bearing, Copper, Nickel Plated\$8.00
All of the friction bears on the ball, which moves at will in any direction with the swing of the bag.



No. 335—Japanned, Very Strong.....\$4.00
The support is screwed firmly to ceiling and the bag can be removed at will by simply untying the knot, and it is so constructed that the cord cannot wear.

HAND BALL GLOVES

REACH



No. B2.



No. B3.

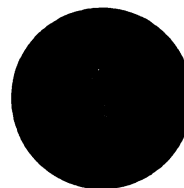
Per Dozen Pair

No. B2—Soft Tan Leather, Stitched Palm and Fingers, Ventilated Between Each Finger... \$24.00

No. B3—Soft Tan Leather, Fingerless Feature Makes it the Best Ventilated Glove on the Market..... 12.00

HAND BALLS

REACH PARAMOUNT



No. AA—Dark Color, Size 1 7/8, Weight 2 Oz., Medium Speed, for General Use..... \$4.20

No. AAA—Dark Color, Size 1 7/8, Weight 2 Oz., Very Fast Speed, for Open or Outdoor Courts..... 4.20

The durability of our Hand Balls is nothing short of marvelous, retaining their speed to the very last.

The construction throughout renders these balls absolutely accurate; they will respond to the player's scientific shots admirably, which feature becomes impossible with the ball carrying the plug and heavy seams on the interior.

EXERCISERS

SAMSON SPRING

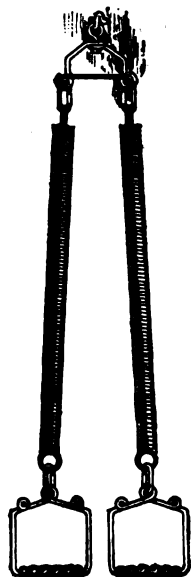
It is built from the very best of steel and is exceptionally durable. It is never in the way, because, when not in use it can be lifted from its hook and placed in a small drawer or box.

Two Exercisers in One. An extra handle is furnished with each machine. This extra handle makes it possible to convert the Samson Exerciser into a Chest Expander for use in developing the chest and healthy lungs and the muscles surrounding the heart and vital organs. This gives a perfect chest and lung expander and adds 100 per cent to the effectiveness of the Samson Exerciser. No charge is made for the extra handle.

Per Dozen

No. 10—Samson Steel Spring Exerciser..... \$20.00

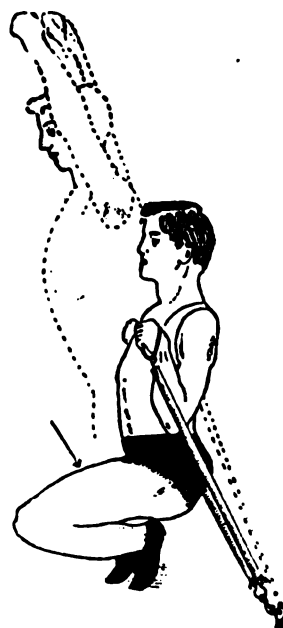
(Suitable for Men, Women and Children.)



HERCULES STEEL SPRING

Per Dozen

No. 20 — Constructed on the Same Lines as No. 10 Samson, but without Extra Handle and Not so Highly Finished..... \$12.00

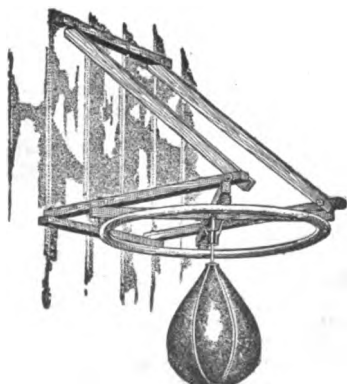


The real muscle maker—a complete gymnasium in itself. A few minutes of daily exercise will develop all muscles of the body.

Endorsed by ball players, athletes and strong men of the world.

STRIKING BAG PLATFORMS

RACINE SPRING



Selected hardwood, Neatly Finished, and Securely Bolted Together, the Rim is of Maple, Oil Finished, and Has Four Crucible Steel Compression Springs Between the Rim and Frame.

Without Bag.

Each

No. 600—Mahogany or Mission Finish, All Metal Parts Nickeled..... \$8.00

No. 450—Nickel Plated Swivel and Springs, All Metal Parts Nickeled..... 6.00

No. 350—Japanned Swivel and Springs..... 5.50

The springs act as a cushion and absorb all vibration, besides making the action of the bag extremely lively. The swivel is of new design, and is noiseless. The bag rope is easily adjusted and will not wear as readily as in most swivels. The platform is easily adjusted to a wall or ceiling, and is very rigid when in position for use. Weight of platform about 7 Pounds.

BASKET BALLS

REACH



- No. 0—Official, Specially Selected "Tuf-ide" Leather, Tanned Expressly for this Ball, Made in Eight Sections of the Best Selection of this Leather, Every Care Taken to Make it a Perfect Ball, Complete with Extra Strong Rubber Bladder, Pump for Inflating, Lacing Needle and Leather Lace, Weight 18 to 21 Ozs. **\$126.00**



- No. 1—League, Made of Second Selection of "Tuf-ide" Pebble Grain Leather in Eight Sections, Guaranteed Perfect Shape, Complete with Rubber Bladder, Lacing Needle and Leather Lace. **\$102.00**



- No. 1 1/4—Regulation, Fine Pebble Grain Cowhide Leather, Special Pattern, Extra Strong, Guaranteed Perfect Shape; a Fine Ball for Amateur Teams, Complete with Pure Rubber Bladder, Lacing Needle and Leather Lace **\$80.00**



- No. 2—Special, Selected Pebble Grain Sheepskin Leather, Made in Eight Sections; a Splendid Ball for Boys and Girls, Complete with Rubber Bladders and Leather Lace **\$48.00**



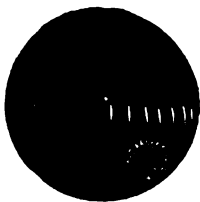
- No. 2 1/4—Scholastic, Fine Pebble Grain Sheepskin Leather, Made in Eight Sections, Complete with Rubber Bladder and Leather Lace. **\$40.00**

BASKET BALLS

REACH



- No. 3—Practice, Fine Brown Grain Sheepskin Leather with Capped Ends, an Excellent Ball for Practice Purposes, Complete with Rubber Bladder and Lace **\$32.40**



- No. 4—Boys', Brown Sheepskin, Canvas Lined, Button End, Complete with Rubber Bladder and Lace. **\$25.20**

PLAYGROUND BASKET BALLS

REACH



- No. 1X—Official, Celebrated "Tuf-ide" Leather, Complete with Rubber Bladder, Lacing Needle and Leather Lace **\$114.00**

- No. 2X—Special, Selected Pebble Grain Sheepskin Leather, Eight Sections, Complete with Rubber Bladder and Lace. **48.00**

The desire to play basket ball in the open air has created a demand for a ball that would stand hard usage. The ball made regularly for the indoor game was first tried but found unsuitable, as the rough surfaces, such as brick, cement, rough-coated walls, etc., wore the balls through at the seams and cut the threads. This made it necessary to produce a specially designed ball for the outdoor game, and we have invented a ball which we know will give satisfaction.

BASKET BALL CARRYING CASES

REACH



No. 2—Finely Finished, for Use of Traveling Teams or for Home Team to Carry Ball to and from Hall....\$16.00

Per Dozen

BASKET BALL BLADDERS

REACH



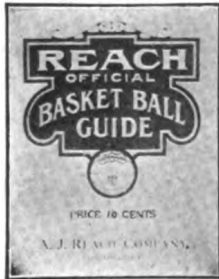
Pure Rubber, Guaranteed.

Per Dozen

No. 0H—For No. 0 Ball.....\$20.00
No. 0A—For Nos. 1, 1X and 1½ Balls.....16.00
No. 5B—For No. 4 Ball.....10.80

BASKET BALL GUIDES

REACH



Official Basket Ball Guides—Containing Photographs of all the Leading Clubs Throughout the United States, with Complete Records, New Rules, and Full Instructions How to Score.....\$0.14

Each

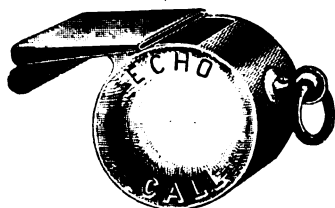
BASKET BALL SCORE BOOKS

REACH



Official Basket Ball Score Books—Cloth Cover, Contains Enough Pages to Score 25 Games, Has Full Instructions How to Score.....\$0.40

Each



No. 30—Echo, Nickel Plated.....\$2.70
One Dozen in a Box.

Per Dozen

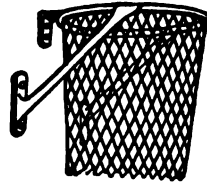


No. 1—Finely Finished, for Use of Traveling Teams or for Home Team to Carry Ball to and from Hall...\$12.00

Per Dozen

BASKET BALL GOALS

REACH



Cut Shows Extra Nets.

Wrought Iron Frame.

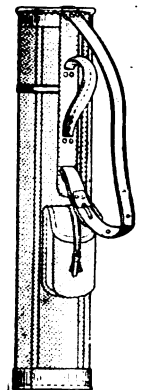
Per Pair

No. 6P—Special Practice, 6 inch Extension Bracket....\$4.50
No. 12—12 inch Extension Bracket, Used and Adopted by all Leading Professional Clubs Throughout the Country.....6.00
Extra Basket Ball Nets......70

CADDY BAGS



No. 111.



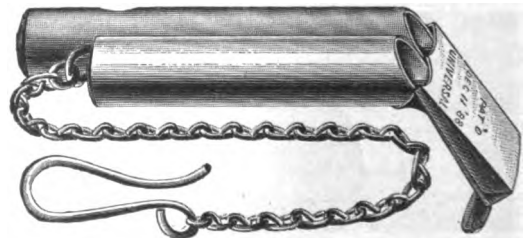
No. 528.

Solid Ring Top.

Per Dozen

No. 111—4 inch, Khaki Canvas, Black Leather Top and Bottom, Canvas Covered Steel Stays, Leatheroid Bottom.....\$32.00
No. 528—5 inch, Extra Heavy Slate Canvas, Leather Covered Steel Stays, Leatheroid Bottom, Brown Leather Trim.....84.00

WHISTLES



No. 25—Universal, Nickel Plated, with Chain and Hook...\$3.00
One Dozen in a Box.

Per Dozen

BOXING GLOVES

REACH



No. 10—The Corbett, "The Perfect Boxing Glove,"
6 Oz., Highest Quality, Finest Improved Glove
Kid, Filled with Superior Curled Hair, Plain
Wrist, Patent Perspiration Proof Lining, Patent
Laced Wrist, Patent Adjustable Palm Grip.....**\$128.00**
For durability, shape, effectiveness they are the best.

Per Dozen Sets



No. 96—Corbett Pattern, Men's, Finest Quality
Brown Tan Kid, Fitted with Best Grade Curled
Hair, New Blucher Palm which Will Fit Any Size
Hand and is Easy to Take off and Put on, Pat-
ent Perspiration Proof Lining, Padded Cuffs,
Patent Adjustable Palm Grip, Patent Laced
Wrist**\$114.00**

Per Dozen Sets



No. 158—Men's, 8 Oz., Corbett Pattern, Finest Qual-
ity Green Napa Kid, Filled with the Finest
Quality Curled Hair, Patent Perspiration Proof
Lining, Side Pads, Padded Cuffs, Patent Adjust-
able Palm Grip, Patent Laced Wrist, All Parts
Made Extra Strong.....**\$120.00**

Per Dozen Sets



No. 99—Instructors', Corbett Pattern, Finest Brown
Tan Kid, Filled with Highest Quality Material
that Will not Pack, Patent Perspiration Proof
Lining, Padded Cuffs, Patent Adjustable Palm
Grip, an Excellent Glove for Friendly Bouts.....**\$102.00**

Per Dozen Sets



No. 7—Corbett Pattern, 8 Oz.,
Finest Brown Tan Leather,
White Leather Trimmed.
Filled with Fine Quality
Curled Hair, Patent Per-
spiration Proof Lining, Pat-
ent Laced Wrist, White
Palm Grip, Padded Cuffs...**\$84.00**

Per Dozen Sets



No. 90—Men's, Corbett Pattern.
8 Oz., Finest Quality Brown
Colored Kid Bag, Olive
Palm, Padded with Good
Quality Curled Hair, Patent
Perspiration Proof Lining,
Brown Kid Padded Cuffs,
Patented Laced Wrist, Ox
Blood Patent Adjustable
Palm Grip**\$84.00**

Per Dozen Sets



No. 50—Corbett Pattern, 8 Oz.,
Fine Olive Tan Kid, Wine
Tan Palms, Filled with Good
Quality Hair, Patent Per-
spiration Proof Lining, Olive
Padded Cuffs, Patented
Laced Wrist, Olive Adjust-
able Palm Grip**\$60.00**

Per Dozen Sets

Patent Perspiration Proof Lining has superseded the old style leather lining, which after using a few times becomes so stiff and hard that the gloves are practically worthless. The Reach style lining is always soft and pliable and will never become stiff or hard, no matter how long in use.

BOXING GLOVES

REACH



No. 3—Men's, Corbett Style, 8 Oz., Fine Brown Tan Leather Bag, Wine Tan Palms, Filled with Good Quality Hair, Patented Laced Wrist and Palm Grip\$48.00

Per Dozen Sets



No. DX—Men's, Corbett Style, 8 Oz., Fine Brown Tan Leather Bag, Olive Tan Palms, Palm Grip, Well Stuffed with Hair, Patent Full Laced Wrist.....\$43.20

Per Dozen Sets



No. 2—Men's, Wine Tan Leather, Well Stuffed with Hair, Palm Grip, Laced Wrist....\$33.60

Per Dozen Sets



No. 2K—Men's, Brown Tan Leather Bag, Brown Canvas Palm, Well Stuffed with Hair, Palm Grip, Patent Laced Wrist\$33.00

Per Dozen Sets



No. AW—Boys', Brown Leather Bag, Olive Palms and Padded Cuffs, Palm Grip, Patent Laced Wrist.....\$42.00

Per Dozen Sets



No. AP—Boys', Wine Tan Leather Bag, Brown Olive Palm and Cuffs, Palm Grip, Patent Laced Wrist.....\$26.40

Per Dozen Sets



No. A—Boys', Wine Tan Leather, Brown Canvas Palms, Well Stuffed with Hair, Palm Grip, Patent Laced Wrist..\$25.20

Per Dozen Sets



No. 84—5 Oz., Fine Wine Tan Leather Bag, Brown Tan Leather Palms, Best Hair Filled, Palm Grip, Patent Lace Wrist, Padded Cuffs..\$48.00

Per Dozen Sets

FIGHTING GLOVES

REACH



No. 97—5 Oz., Finest Chocolate Colored Kid, Filled with Superior Quality Curled Hair, Patent Perspiration Proof Lining, Padded Cuff, Patent Adjustable Palm Grip, Patent Laced Wrist...\$84.00

Per Dozen Sets



No. 85—5 Oz., Fine Olive Napa Tan Kid, Filled with Best Hair, Patent Perspiration Proof Lining, Padded Cuff, Palm Grip, Patent Laced Wrist\$66.00

Per Dozen Sets

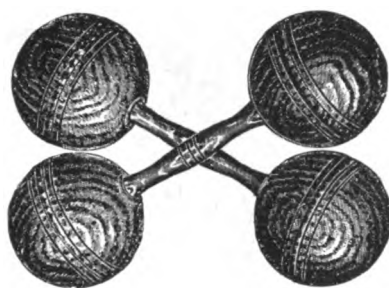


No. 80—5 Oz., Fine Wine Tan Leather, Filled with Good Quality Hair, Padded Cuff, Palm Grip\$60.00

Per Dozen Sets

DUMB BELLS

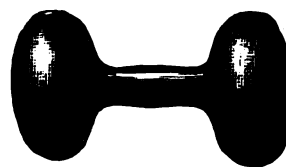
MAPLE



Varnished.

Weight Each, Lbs.....	½	¾	1	1½
Per Pair	\$0.30	.34	.38	.48
Weight Each, Lbs.....	2	2½	3	4
Per Pair	\$0.52	.64	.76	.92

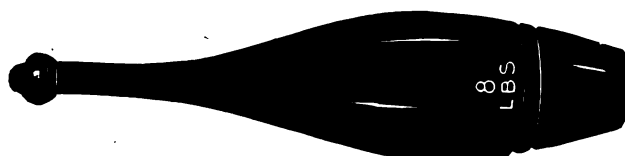
IRON



Cast, Japanned.

Weight Each, Lbs.	2	3	4	5	6	7	8
Per Pound	\$0.10	.10	.10	.10	.10	.10	.10
Weight Each, Lbs.	10	12	15	18	20	22	
Per Pound	\$0.10	.10	.10	.10	.10	.10	.10

INDIAN CLUBS

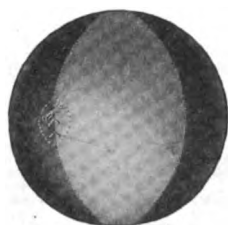


Selected Maple, Varnished.

Weight Each, Lbs.....	½	¾	1	1½	2	2½	3	4
Per Pair	\$0.30	.34	.38	.48	.52	.64	.76	.92

PLAY BALLS

SANITARY WATERPROOF



Soft Imitation Leather, Attractive Colors, with Guaranteed Seamless Patent Bladder.

Nos.	5	7	9
Diameter, Inches	5	7	9
Per Dozen	\$4.00	8.00	16.00

May be used in or out doors or on the beach, not injured by water. May be washed when soiled. A most popular inflated ball.

Nos. 5 and 7, One Dozen; No. 9, One-half Dozen in a Box.

VOLLEY BALLS

REACH



Volley Ball can be played outdoors as well as indoors, any number of persons can play the game at the same time. Play consists of keeping the ball in motion over a high net from one side to the other. Game can be made just as strenuous as desired.

No. 20W—Regulation Size, Best White Grain Sheepskin, Complete with Pure Rubber Bladder.....	Per Dozen \$40.00
No. 40W—Regulation Size, Fine Craven Tan Leather, Complete with Pure Rubber Bladder.....	32.40

VOLLEY BALL BLADDERS

No. 5B—Pure Rubber, for Nos. 20W and 40W Volley Balls	Per Dozen \$10.80
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VOLLEY BALL NETS

Volley Ball Nets.....	Per Dozen \$16.00
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HURL BALLS

REACH



Each

No. HB—Official, Spherical Shape, 24 inch Circumference, Buck Finished, Cow Hide Cover, Stuffed with the Best Material, with Handle of Sufficient Length, Weight 2 to 2½ Lbs.....\$5.50

Adopted by the Philadelphia Board of Education and Playground Association as the Official Ball.

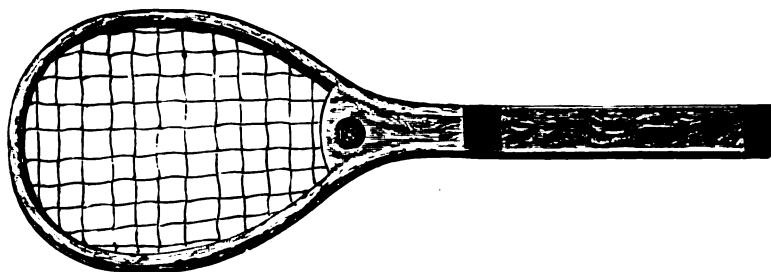


Each

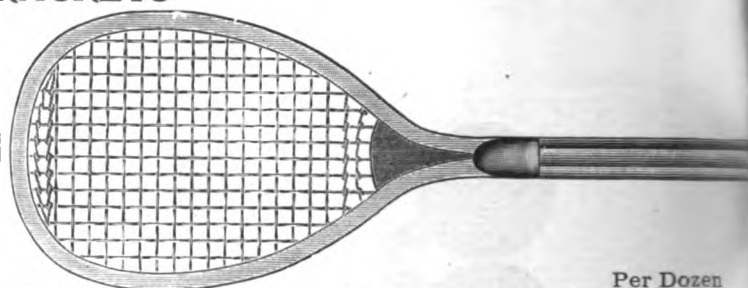
No. GH—Official Turnverein, 31 inch Circumference, 10 inch Diameter, Buck Finished, Cow Hide Cover, with Projecting Leather Welt, 6 inch Reinforced Handle in the Form of a Loop, Stuffed with the Best Material, Hand Sewed, Extra Strong, Weight 5 Lbs.....\$7.00

This Ball has been adopted by the German Turnverein as the official ball for this sport.

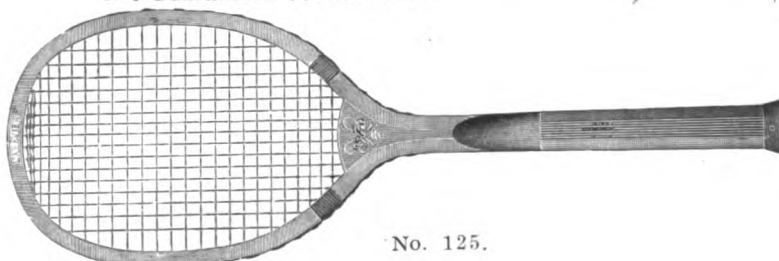
TENNIS RACKETS



- No. 25—Childs**, Size $6\frac{1}{4}$ inches Wide, $8\frac{1}{4}$ inches Long, Strung with All Gut, 10 Strands Wide and 12 Strands Long, not Guaranteed.....**\$4.00**
No. 50—Leader, Size $7\frac{3}{4}$ inches Wide, $10\frac{1}{4}$ inches Long, 12 Strands in Width, 14 Strands in Length, not Guaranteed **8.00**



- No. 75—Winner**, Size $8\frac{1}{4}$ inches Wide, 11 inches Long, 14 Strands in Width, 16 Strands in Length, not Guaranteed**\$12.00**
No. 100—Amateur, Size $8\frac{5}{8}$ inches Wide, 11 inches Long, Strung with Natural Gut, 18 Strands in Width and 21 Strands in Length, Weight 11 to $12\frac{1}{2}$ Oz., not Guaranteed..... **17.00**



No. 125.

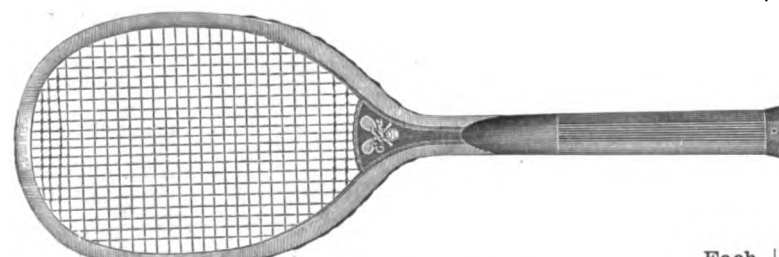
- No. 125—College**, Size 9 inches Wide, $11\frac{3}{4}$ inches Long, Oriental Gut, 18 Strands in Width, 21 Strands in Length, Two Wide Purple Shoulder Wrappings, Weights 12 to $13\frac{1}{2}$ Oz., not Guaranteed.....**\$20.00**



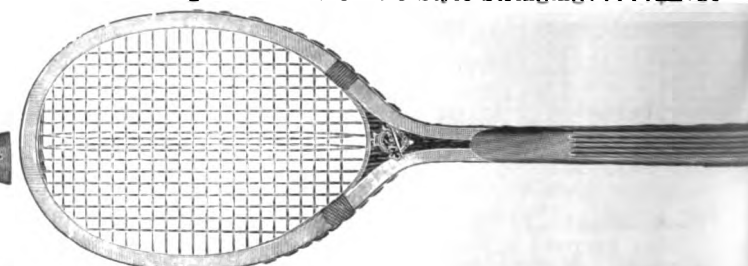
- Peerless**—Weights 12 to $13\frac{1}{2}$ Oz.....**Each \$1.80**
 Strung with good oriental gut. Same model as better grades, but not as nicely finished.
Champion—Weights $12\frac{1}{2}$ to 14 Oz.....**Each \$2.00**
 Selected ash frame, strung with good oriental gut, Dougherty stringing.



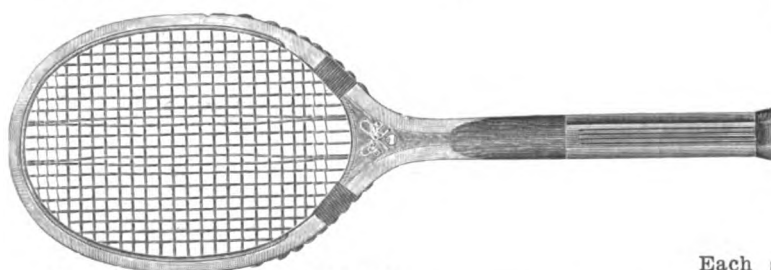
- Harvard**—Weights 12 to $13\frac{1}{2}$ Oz.....**Each \$2.50**
 Full size racket, strong frame of selected ash, low cut holly throat, red shoulder binding, red and white color oriental gut.
Yale—13 to 14 Oz., Same as Harvard, but Black Shoulder Binding with Close Center Style Stringing.....**Each \$2.80**



- Expert**—Weights 13 to 14 Oz.....**Each \$2.80**
 Full size improved model racket of selected ash, reinforced at shoulders, strung with good grade oriental gut, close center. A high grade racket at a moderate price.

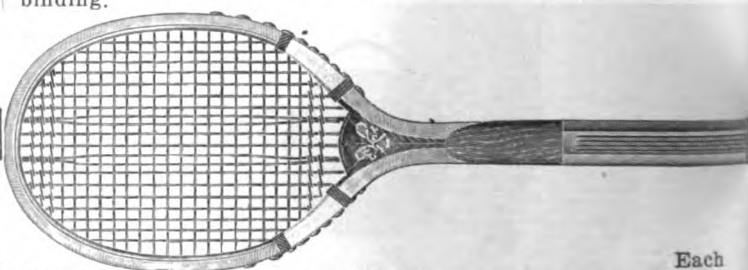


- Newport**—Weights 13 to 14 Oz.....**Each \$3.50**
 The best racket ever made for the price, full size, made of selected growth white ash, double stringing in center, low cut style throat, heavily reinforced with oak, red shoulder binding.



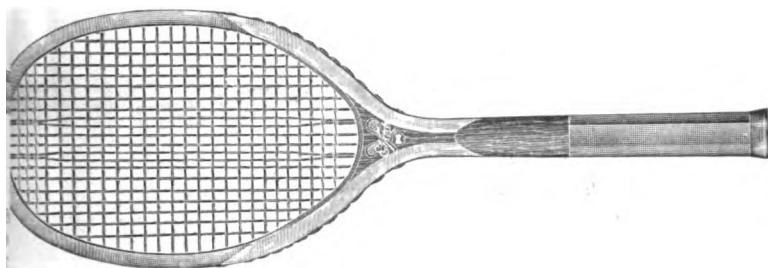
- Oxford**—Weights 13 to $14\frac{1}{2}$ Oz.....**Each \$4.00**

Made of selected second growth white ash, low cut, mahogany throat, heavily reinforced with dogwood and gut wound shoulders, wide playing surface at throat, strung with selected grade gut.



- Premier**—Weights $13\frac{1}{2}$ to $14\frac{1}{2}$ Oz.....**Each \$4.50**
 A racket of especially big value. Made of the finest selected second growth ash, reinforced at shoulders with parchment and strands of gut, black walnut throat, stringing of oriental gut having the close center style. A high grade model. Made with special care.

TENNIS RACKETS



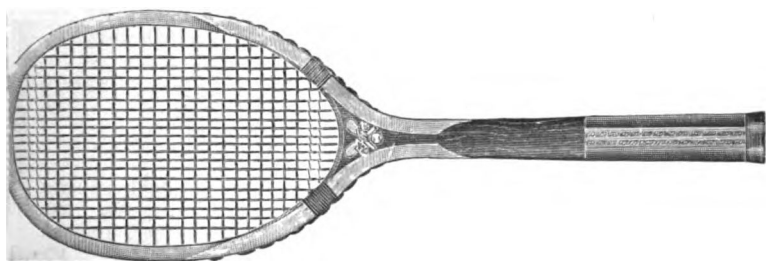
Hartford—Weights 13 to 14½ Oz.....Each
\$4.70

A new popular model. Low cut, black walnut throat, shoulders reinforced with oak, stringing of oriental gut, two colors, red and white, with split center.



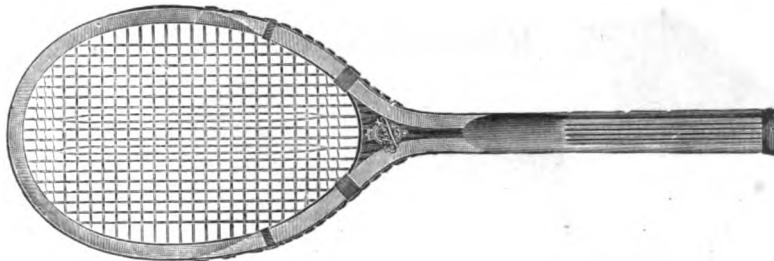
Varsity—Weights 13½ to 14½ Oz.....Each
\$5.00

New model, very popular. Made of selected second growth white ash, low cut white holly throat, reinforced with dogwood, gut wound shoulders and throat, strung with the finest oriental gut, close center stringing.



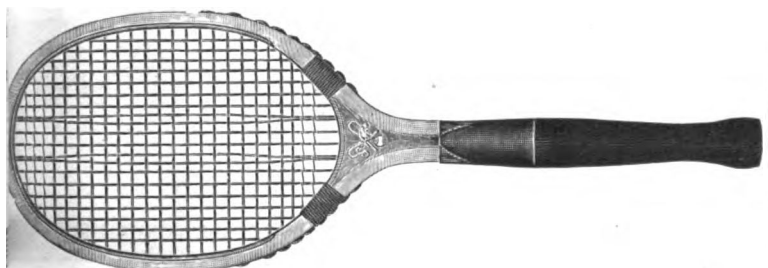
New Powelton—Weights 13 to 14½ Oz.....Each
\$6.00

New popular model. Large oval frame, low cut black walnut throat, shoulders reinforced with oak, stringing of oriental gut, two colors, black and white, with split center. Cork inlaid handle.



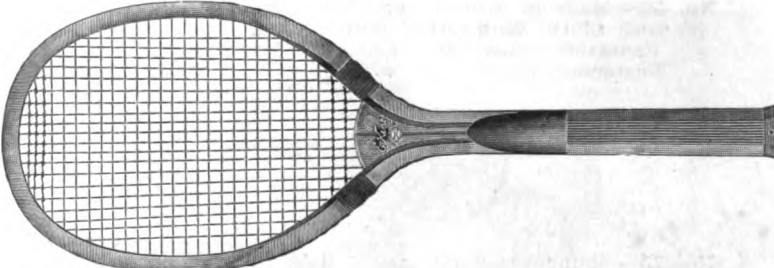
Manhattan—Weights 13½ to 14½ Oz.....Each
\$6.50

Made of selected ash, bevel frame, low cut mahogany throat, fibre reinforced, four shoulder wrappings, strung with finest oriental gut.



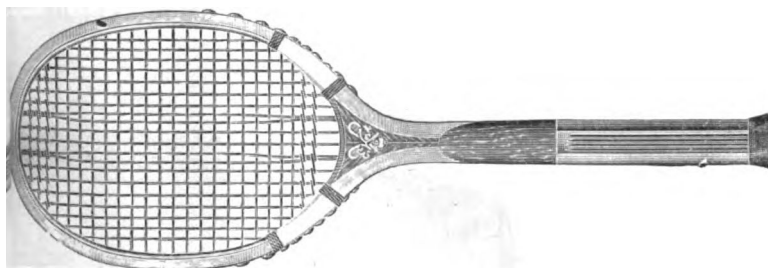
Professional—Weights 13 to 14½ Oz.....Each
\$7.00

Frame made of selected second growth white ash, low cut white holly throat, reinforced white oak, shoulders wound with strands of gut, strung with best American gut, with Dougherty close center stringing, expert oval handle.



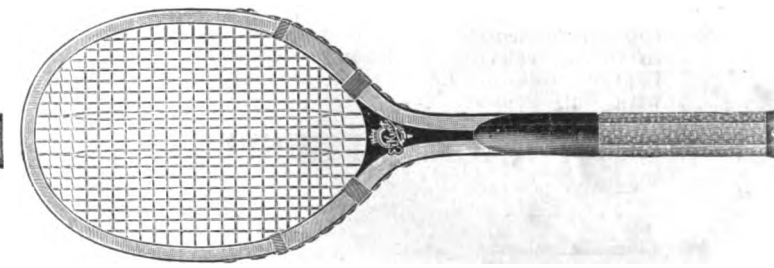
Tournament Special—Weights 13 to 14½ Oz.....Each
\$8.00

A racket beyond criticism, absolutely high grade. Made of especially selected stock, shoulders reinforced with strands of red gut, white holly throat, reinforced with black walnut, strung with finest lamb's gut, with close center stringing.



Dartmouth—Weights 13½ to 14½ Oz.....Each
\$12.00

Selected second growth white ash frame, low cut style throat, reinforced fibre shoulders inside and outside, four shoulder wrappings, center style stringing, strung with genuine lamb gut.



Paramount—Weights 13½ to 14½ Oz.....Each
\$14.00

Selected second growth white ash frame, low cut style throat, black enameled, fibre reinforced frame inside and outside, four wide red shoulder wrappings, strung with genuine lamb gut, special balanced cork handle.

TENNIS BALLS

Fully Authorized for Tournament Play by U. S. National Lawn Tennis Association.

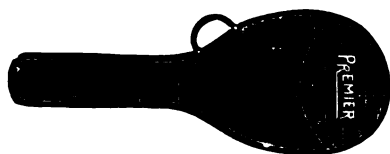


Hand Made Championship—Highest Quality, Pure Rubber Center, Free from Foreign Substances, Treated to a Leak-Proof Rubber Veneer Interior to Prolong their Playing Life, Imported Felt Covering, Sewed with Moisture Proof Paraffin Treated Thread, Each Ball Can be Depended on to be in the Pink of Resiliency and Absolutely Unstaled, Each Ball Wrapped in Damp Proof Paper and Sealed.

Per Dozen

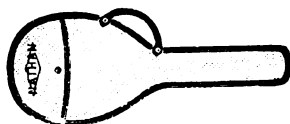
- Special**—Made on the Same Lines as the Hand Made, but not Quite as Perfect in the Material, Regulation Size, a Good Durable Ball, Will Give Good Service. \$7.00
- No. 110B**—Jap, Imitation Tennis Ball, Light Weight, for Practice 4.00
- 1.70

RACKET COVERS



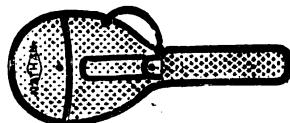
Per Dozen

- No. 30**—Plain Mackintosh, Waterproof, Top Material of the Latest Design Plaid, Coated to a Heavy Lining, Edges Bound with Canvas Tape, Plain Style. \$7.00



Per Dozen

- No. 50**—Made of Brown and White Wooline Mackintosh Cloth, Waterproof, Edges Bound with Heavy Pantasote Leather, Leather Handles, Glove Fastener \$11.00



Per Dozen

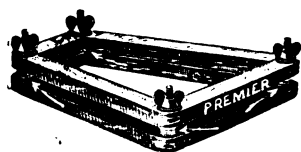
- No. 75**—Shepherd Plaid, with Ball Pocket, Material Black and White Sateen Plaid, Double Textured to Tan Jean Lined, Edges Turned in, a Very Neat and Attractive Cover \$14.00



Per Dozen

- No. 100**—Blue Scotch Plaid, Waterproof, Rubberized to Olive Drab Lining, Bound with Heavy Fabric Leather, Genuine Leather Handle, Snap Fastener, with Ball Pocket. \$15.00

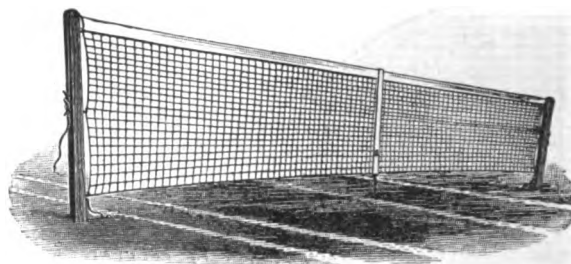
RACKET PRESSES



Per Dozen

- No. 150**—Plain, for Holding One Racket, Nicely Finished, with Wing Nuts, without Spring \$12.00
- No. 100**—Automatic, Same as No. 1, but with Tempered Heavy Steel Springs at Each Corner 16.00
- To preserve Rackets they should be kept in a press when not in use.

LAWN TENNIS NETS



Machine Made.

Each

- No. 10**—36x3 feet, No. 15 Twine, Roped. \$2.20
- No. 11**—36x3 feet, No. 15 Twine, Canvas Bound. 2.70
- No. 12**—36x3 feet, No. 21 Twine, Canvas Bound. 3.60

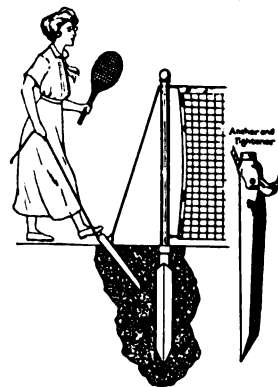
Hand Made.

Each

- No. 35**—42x3 feet, No. 21 Twine, Double Center, Canvas Bound \$7.00
- All the Above Prices are for Nets Packed One in a Box.

TENNIS NET POSTS

STEEL, REMOVABLE



Made of galvanized steel tubing with separate sockets. An extension of the net rope passes through the post and is secured by means of a patent anchor.

There are no knots to tie, simply pull the rope and the net is tightened and cannot slip. At the same time the post is made rigid. The posts are filled with concrete and besides being galvanized are aluminum painted. An anchor with tightening device and driving cap or plug is supplied with each post.

Per Pair

- No. 163**—1½ inch Tubing, Complete. \$7.00
- No. 164**—1⅞ inch Tubing, Complete. 5.50

DRY COURT MARKERS



Put in any powdered material such as marble dust, air slacked lime, plaster of paris or ground plaster.

By sprinkling immediately after marking or by marking at evening before the dew falls the line is rendered more prominent.

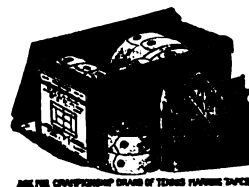
Fill wheel about two-thirds full, which is sufficient for once marking the court.

Per Dozen

- No. 200**—9 inch Diameter, Made of Heavy Tin and Japanned, Malleable Frame, with Handle. \$14.00

MARKING TAPES

For Tennis Courts.



SEE THE CHAMPIONSHIP BRAND OF TENNIS MARKING TAPES.

Per Set

- No. 1**—Extra Heavy Webbing, for Double Court, Complete with 100 Staples. \$5.50

BASE BALL SHOES



"Official," 9 Oz. Featherweight.

- No. 76**—Hand Turned, Genuine Australian Kangaroo Leather, English Carbon Steel Cleats, Hand Riveted and Guaranteed Not to Break or Work Loose. . . \$5.00
 Sizes 5 to 11. Per Pair



League.

- No. 475**—Durable, Light Weight Shoe, Special Arabian Horsehide Leather, Hand Riveted Carbon Steel Cleats. A Shoe of Exceptional Quality. . . \$4.70
 Sizes 5 to 11. Per Pair



League Special.

- No. 1473**—Good Quality Kangaroo Calf Leather, Oak Soles, Hardened Blued Steel Cleats, Sizes 5 to 11. . . \$4.00
No. 1573—Same as No. 1473, but Boys' Sizes, 2 ½ to 5 ½. 3.90 Per Pair



Amateur League.

- No. 1477**—Good Quality Buffalo Calf Leather, White Finish, Oak Soles, Hardened Blued Steel Cleats, Sizes 5 to 11. . . \$3.20
No. 1577—Same as No. 1477, but Boys' Sizes, 2 ½ to 5 ½. 3.00 Per Pair

TENNIS SHOES



Sanded Chrome Soles.

- No. 411**—Bal Style, White Canvas, Laced to Toe, Pearl Elk Leather Tip and Back Strap, Goodyear Stitched, Sizes 5 to 11. . . \$2.70
No. 411B—Same as No. 411, but Boys' Sizes, 2 to 5 ½. 2.60 Per Pair

TENNIS SHOES



Black Rubber Soles.

- Champion Bal**—White Duck, Black Rubber Soles and Edge, Well Made, Light and Flexible, with Non-Slip Soles, Sizes 5 to 11. . . \$1.50 Per Pair

Note—Can be furnished in White or Brown Duck with Gray Rubber Soles for 10 cents per pair extra.



Black Corrugated Rubber Soles.

- No. 1424**—White Canvas Calf-Pearl Tips and Lace Stay, Goodyear Stitched, Sizes 5 to 11. . . \$2.50
No. 1424B—Same as No. 1424, but Boys' Sizes, 2 to 5 ½. 2.40 Per Pair

GYMNASIUM SHOES



Soft Soles.

- No. 501**—Pearl or Black Chrome Elk Leather, Soft, Heavy Flexible Chrome Elk Sole, Lock Stitched, Antiseptic Insole, Sizes 5 to 11. . . \$2.10
No. 503—Same as Above, but with Patented Spring Heel, Sizes 5 to 11. . . 2.90
No. 512—Same as No. 503, but "Laced to Toe". 3.00 Per Pair

RUNNING SHOES



Per Pair

- No. 1401—Fine Selected Light Kangaroo Calf Leather, Six Carbon Steel Spikes Firmly Riveted and Reinforced by Double Rows of Sole Stitching, so Spikes Cannot Loosen or Break Off, Sizes 3 to 11.....\$4.40
- No. 1801—Same as No. 1401, but Hand Turned, Kangaroo Leather 4.60

JUMPING SHOES



Per Pair

- No. 1403—Special Quality Kangaroo Leather, Oak Soles and Heels, Flexible Shank, Six Carbon Steel Spikes in Sole and Two in Heel, Re-enforced so Spikes Cannot Break Off or Loosen, Sizes 3 to 11.....\$5.00



Brown Buckskin "Sure Grip" Soles.

Per Pair

- No. 1892—Flexible Turn Welt Shoe, Fine Pearl Elk or Black Kangaroo Calf Uppers.....\$4.00
- Sizes 5 to 11.

BOWLING SHOES



Sanded Chrome Soles.

Per Pair

- No. 1451—Lace to Toe Style, Black Kangaroo or Pearl Elk Uppers\$3.90
- Sizes 5 to 11.

FOOT BALL SHOES



Brown Style Cleats.

Per Pair

- No. 490—Tough Black Chrome Leather Uppers, Solid Reinforced Sole Leather Box Toe, Brown Style Cleats, Sizes 5 to 11.....\$4.80
- No. 496—Light Weight Sprinting Shoes, Genuine Kangaroo Uppers, Single Oak Sole, with New Steel Protection Plate, Flexible Shank, Sizes 5 to 11..... 6.70

RACING SKATE SHOES



Single Oak Sole, No Heel.

Per Pair

- No. 1467—Genuine Kangaroo Uppers, Reinforced with 4 Wide Webbing Stays, Long Solid Counter Supporting Foot, to be Used with Tubular Speed Racing Skates and all Skates which are Made to be Riveted to the Shoe, Sizes 5 to 11.....\$5.20
- Note—We make an extra charge of 50 cents per pair for attaching the shoes to the skates.

SKATING SHOES



Per Pair

- No. 3488—Men's, Chrome Calf, Wool Fleece Lined Tongue and Inside Ankle Pads, Wide Webbing Side Stays, Solid Clinched Heels, a Substantial Shoe that Represents the Very Best Value, Sizes 5 to 11.....\$4.70



Per Pair

- No. 2487—Men's, Tough Black Chrome Leather Uppers, Wide Webbing Side Stays, Buckle and Strap Over Ankle, Felt Lined Tongue, Oak Soles, Clinched Heel, Sizes 5 to 11.....\$4.80
- No. 4487—Same as No. 2487, but Ladies', Sizes 2 to 8... 4.20
- No. 90—Ladies', High Cut Boot, Full Scarlet Felt Lining, Buckle and Strap Over Ankle, Waterproof Sole, Goodyear Stitched, Solid Clinched Heel, Sizes 2 to 8. 5.80

DEPARTMENT NO. 12

AUTOMOBILE ACCESSORIES AND SUPPLIES

FEDERAL TIRES

INNER TUBES

SPARK PLUGS

VULCANIZERS

AUTO PADLOCKS

SAFETY SIGNALS

SHOCK ABSORBERS

STARTERS

TOOLS

BRACKETS

LIGHTING OUTFITS

FLASHLIGHTS

ELECTRIC LANTERNS

ELECTRIC WIRE

VACUUM BOTTLES

AUTO FUNNELS

PYRENE EXTINGUISHERS

REPAIR PARTS

REPAIR MATERIAL

CEMENTS

TIRE COVERS

TIRE HOLDERS

TIRE CHAIN

TIRE TOOLS

TOOL BOXES

PUMPS

JACKS

LAMPS

CARBIDE

BATTERIES

AMMETERS

GOGGLES

OILS

AUTO SPRINGS

Wm. Frankfurth Hardware Co.

MILWAUKEE, WIS.

FEDERAL AUTOMOBILE TIRES

GUARANTEE

All Federal Pneumatic Automobile Tires, bearing the Federal Rubber Mfg. Co.'s name and serial number, are guaranteed to be free from imperfections in material and workmanship. Under this guarantee tires returned to the Factory for replacement will be accepted by Factory only when all transportation charges are prepaid. If, upon examination, it is concluded that tires are defective, Factory will repair or replace them at their option.

For tires replaced by Factory, charges will be made to owners at the time new tires are delivered, for such amounts as in the Factory's judgment will compensate the service rendered by such replaced tires.

Tires worn out in usual or unusual service, abused knowingly or unknowingly, misused, used on rims not bearing these stamps, injured through accident or design, are not covered by this guarantee.



Federal Pneumatic Automobile Tires are not guaranteed to give any specific miles of service, and any and all guarantees are expressly waived by any purchaser of these tires who uses therein any substitute for air; or who uses them under weight in excess of those for which the various tires are recommended, or who does not keep tires inflated to the pressures recommended by Factory.

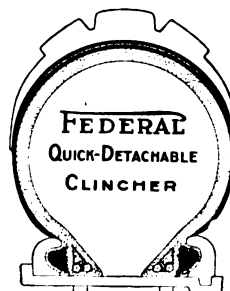
NOTE—All Adjustments on Federal Tires and Tubes are made by the Federal Rubber Mfg. Co., Milwaukee, and not by the Wm. Frankfurth Hardware Co.

When ordering Tires and Auto Sundries from us, you can include same with your Hardware Shipment and Save Express Charges.

FEDERAL TIRE TYPES

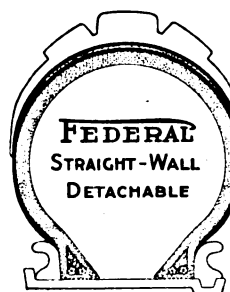
Federal Tires, Both Rugged and Round Tread, are Made in the Types Named Below.

QUICK-DETACHABLE CLINCHER TIRES



This type of tire is designed to fit any standard quick detachable rim having reversible side rings or any quick detachable rim on which the clincher or inward curve of the side rings is used next to the casing. See illustration. All Federal Quick Detachable Casings have non-extensible beads of the famous **Double-Cable-Base** construction.

STRAIGHT-WALL DETACHABLE TIRES



This type of Tire is designed to fit any standard quick detachable rim having reversible side rings or any quick detachable rim on which the straight side of the detachable side rings is used next to the casing. See illustration. All Federal Straight-Wall casings have non-extensible beads of the famous **Double-Cable-Base** construction.

REGULAR CLINCHER TIRES



This type of Tire is designed to fit any standard one-piece clincher rim. See illustration. All Federal Regular Clincher Casings have extensible beads to permit stretching over the rim flange in applying or removing the tire.

When ordering, care should be taken in specifying type of tire desired. The lettering on your old tire is a safe guide.

FEDERAL AUTOMOBILE TIRES

GENERAL INFORMATION

INTERCHANGEABLE SIZES

Clincher, Quick Detachable Clincher and Straight-Wall Detachable.

31x3 ½ Tire Fits Rim 30x3	37x4 ½ Tire Fits Rim 36x4
33x3 ½ Tire Fits Rim 32x3	41x4 ½ Tire Fits Rim 40x4
31x4 Tire Fits Rim 30x3 ½	35x5 Tire Fits Rim 34x4 ½
33x4 Tire Fits Rim 32x3 ½	37x5 Tire Fits Rim 36x4 ½
35x4 Tire Fits Rim 34x3 ½	39x5 Tire Fits Rim 38x4 ½
37x4 Tire Fits Rim 36x3 ½	41x5 Tire Fits Rim 40x4 ½
35x4 ½ Tire Fits Rim 34x4	37x5 ½ Tire Fits Rim 36x5

WEIGHTS WHICH TIRES SHOULD CARRY WITHOUT PASSENGERS OR LUGGAGE

2 ½ in. Tires, All Diameters.....	225 Lbs. Per Wheel
3 in. Tires, All Diameters.....	350 Lbs. Per Wheel
28x3 ½ in. Tires.....	400 Lbs. Per Wheel
30x3 ½ in. Tires.....	450 Lbs. Per Wheel
32x3 ½ in. Tires.....	550 Lbs. Per Wheel
34x3 ½ in. Tires.....	600 Lbs. Per Wheel
36x3 ½ in. Tires.....	600 Lbs. Per Wheel
30x4 in. Tires.....	550 Lbs. Per Wheel
32x4 in. Tires.....	650 Lbs. Per Wheel
34x4 in. Tires.....	700 Lbs. Per Wheel
36x4 in. Tires.....	750 Lbs. Per Wheel
40x4 in. Tires.....	850 Lbs. Per Wheel
32x4 ½ in. Tires.....	700 Lbs. Per Wheel
34x4 ½ in. Tires.....	900 Lbs. Per Wheel
36x4 ½ in. Tires.....	1000 Lbs. Per Wheel
38x4 ½ in. Tires.....	1050 Lbs. Per Wheel
40x4 ½ in. Tires.....	1125 Lbs. Per Wheel
42x4 ½ in. Tires.....	1200 Lbs. Per Wheel
34x5 in. Tires.....	950 Lbs. Per Wheel
35x5 in. Tires.....	1000 Lbs. Per Wheel
36x5 in. Tires.....	1050 Lbs. Per Wheel
37x5 in. Tires.....	1100 Lbs. Per Wheel
39x5 in. Tires.....	1200 Lbs. Per Wheel
41x5 in. Tires.....	1300 Lbs. Per Wheel
37x5 ½ in. Tires.....	1150 Lbs. Per Wheel
38x5 ½ in. Tires.....	1200 Lbs. Per Wheel

AIR PRESSURE

	Front	Rear
2 ½ in.....	50 Lbs.....	55 Lbs.
3 in.....	60 Lbs.....	65 Lbs.
3 ½ in.....	65 Lbs.....	70 Lbs.
4 in.....	70 Lbs.....	75 Lbs.
4 ½ in.....	75 Lbs.....	80 Lbs.
5 in.....	80 Lbs.....	85 Lbs.
5 ½ in.....	85 Lbs.....	90 Lbs.

In all cases see that the tires stand up Round when loaded.

All Federal Tires bear a serial number. Purchasers should note carefully whether such serial number has been destroyed or mutilated. Our guarantee will not cover any of our tires on which the serial number has been mutilated or effaced.

NOTE—All Adjustments on Federal Tires and Tubes are made by the Federal Rubber Mfg. Co., Milwaukee, and not by the Wm. Frankfurth Hardware Co.

GENERAL INFORMATION

STANDARD UNIVERSAL AND CLINCHER RIM DIAMETERS

Size of Tire Inches	Outside Diam. of Wood Wheels Inches	Outside Diam. of Felloe Band Inches	Tire Seat Diam. of Rim Inches	Width of Wood Felloe Inches	Depth of Wood Felloe Inches
28x3	20 ¾	21 ⅞	22	.....	.....
30x3 or 31x3 ½	22 ¾	23 ⅞	24	.....	.....
32x3 or 33x3 ½	24 ¾	25 ⅞	26	.....	.....
30x3 ½ or 31x4	21 ¾	22 ⅞	23	1 ½	1 ¼
32x3 ½ or 33x4	23 ¾	24 ⅞	25	1 ½	1 ¼
34x3 ½ or 35x4	25 ¾	26 ⅞	27	1 ½	1 ¼
36x3 ½ or 37x4	27 ¾	28 ⅞	29	1 ½	1 ¼
30x4	20 ¾	21 ⅞	22	1 ¾	1 ¼
32x4	22 ¾	23 ⅞	24	1 ¾	1 ¼
34x4 or 35x4 ½	24 ¾	25 ⅞	26	1 ¾	1 ¼
36x4 or 37x4 ½	26 ¾	27 ⅞	28	1 ¾	1 ¼
38x4	28 ¾	29 ⅞	30	1 ¾	1 ¼
40x4 or 41x4 ½	30 ¾	31 ⅞	32	1 ¾	1 ¼
34x4 ½ or 35x5	23 ¾	24 ⅞	25	2 ¼	1 ¼
36x4 ½ or 37x5	25 ¾	26 ⅞	27	2 ¼	1 ¼
38x4 ½ or 39x5	27 ¾	28 ⅞	29	2 ¼	1 ¼
40x4 ½ or 41x5	29 ¾	30 ⅞	31	2 ¼	1 ¼
42x4 ½ or 43x5	31 ¾	32 ⅞	33	2 ¼	1 ¼
34x5	22 ¾	23 ⅞	24	2 ¼	1 ¼
36x5 or 37x5 ½	24 ¾	25 ⅞	26	2 ¼	1 ¼

NUMBER OF LUGS REQUIRED FOR VARIOUS SIZES OF TIRES

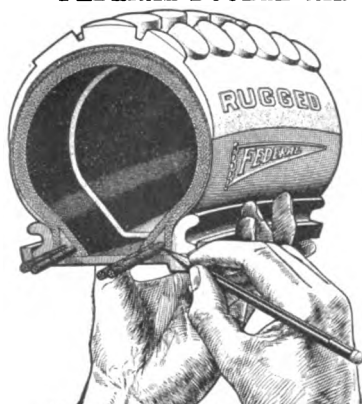
28, 30 and 32 x 2 ½ in.....	4 Lugs for Each Tire
28, 30 and 32 x 3 in.....	4 Lugs for Each Tire
28, 30 and 31 x 3 ½ in.....	4 Lugs for Each Tire
32, 34 and 36 x 3 ½ in.....	5 Lugs for Each Tire
28, 30 and 31 x 4 in.....	5 Lugs for Each Tire
32, 33, 34 and 36 x 4 in.....	6 Lugs for Each Tire
32, 34, 35 and 36 x 4 ½ in.....	7 Lugs for Each Tire
32, 34, 35 and 36 x 5 in.....	8 Lugs for Each Tire

NOTE—All Adjustments on Federal Tires and Tubes are made by the Federal Rubber Mfg. Co., Milwaukee, and not by the Wm. Frankfurth Hardware Co.

When ordering Tire and Auto Sundries from us, you can include same with your Hardware Shipment and Save Express Charges.

FEDERAL AUTOMOBILE TIRES

FEDERAL DOUBLE-CABLE-BASE CONSTRUCTION



Cut shows Cross Section of Federal Double-Cable-Base Type—Quick Detachable Clincher Type. Embodying precisely the same construction as the Federal Straight-Wall, but having an Extra Bead-Filler to conform to the inside curve of the side ring.

The two chief features embodied in this improved construction and which so completely overcome side-wall breaks and other tire troubles, are Double-Cable-Base and Flexible Bead-Filler.

Federal Double-Cable-Base Tires were designed to meet the universal demand for a tire which would remove the chief cause of the most serious tire troubles. Many thousands of these tires are in service today without a single complaint. This indicates how well the problem has been solved. Federal Double-Cable-Base features mark a wonderful advance in pneumatic tire building.

Because of their superior construction the life of these tires is exceptional. By their use the most serious forms of tire trouble are positively eliminated. The absence of side-wall breaks and rim-cutting reduces tire upkeep very materially, and the impossibility of this type of tire blowing off the rim insures safety under all conditions of service.

INTERCHANGEABLE SIZES.

The following table shows the several sizes of Federal Tires which may be used on rims of slightly smaller size when desired. In such cases, however, an inner tube of corresponding size with casing should be used.

31x3 1/2 Tire Will Fit Rim.....	30x3	37x4 1/2 Tire Will Fit Rim.....	36x4
33x3 1/2 Tire Will Fit Rim.....	32x3	41x4 1/2 Tire Will Fit Rim.....	40x4
31x4 Tire Will Fit Rim.....	30x3 1/2	35x5 Tire Will Fit Rim.....	34x4 1/2
33x4 Tire Will Fit Rim.....	32x3 1/2	37x5 Tire Will Fit Rim.....	36x4 1/2
35x4 Tire Will Fit Rim.....	34x3 1/2	39x5 Tire Will Fit Rim.....	38x4 1/2
37x4 Tire Will Fit Rim.....	36x3 1/2	37x5 1/2 Tire Will Fit Rim.....	36x5
35x4 1/2 Tire Will Fit Rim.....	34x4	41x5 Tire Will Fit Rim.....	40x4 1/2

FEDERAL BLACK TREAD AUTOMOBILE TIRES

In Federal Black Tread Tires will be found the same high quality material and workmanship as built into the well known "Rugged" and "Plain" White Tread Tires.

All except the Regular Clincher Type are constructed with the Federal exclusive Double-Cable-Base feature—the greatest improvement ever made in Automobile Tires.

The Federal Black "Trafik" Tread is dependable as a non-skid tire of highest efficiency.

Casing Only, without Inner Tube.

QUICK DETACHABLE CLINCHER

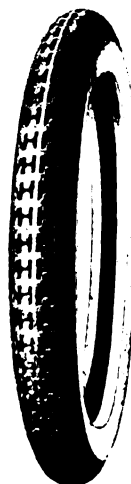
Size, Inches	32x3 1/2	34x3 1/2	32x4	33x4	34x4	35x4	36x4
Plain Tread	Each, \$17.45	21.55	22.70	23.35	24.25	27.55	25.75
Trafik Tread	Each, 18.30	22.60	23.85	24.50	25.45	39.00	27.05
Size, inches	34x4 1/2	35x4 1/2	36x4 1/2	37x4 1/2	35x5	36x5	37x5
Plain Tread	Each, \$30.75	32.10	33.75	34.65	39.75	44.95	42.50
Trafik Tread	Each, 32.30	33.70	35.40	36.40	41.70	47.20	44.60

STRAIGHT WALL DETACHABLE

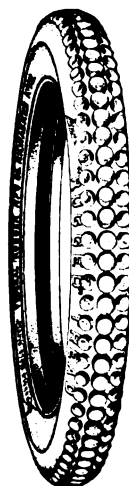
Size, inches	32x3 1/2	34x3 1/2	32x4	33x4	34x4	35x4	36x4
Plain Tread	Each, \$17.45	21.55	22.70	23.35	24.25	27.55	25.75
Trafik Tread	Each, 18.30	22.60	23.85	24.50	25.45	29.00	27.05
Size, inches	33x4 1/2	34x4 1/2	35x4 1/2	36x4 1/2	37x4 1/2	35x5	37x5
Plain Tread	Each, \$30.20	30.75	32.10	33.75	34.65	39.75	42.50
Trafik Tread	Each, 31.70	32.30	33.70	35.40	36.40	41.70	44.60

REGULAR CLINCHER

Size, inches	28x3	30x3	30x3 1/2	31x3 1/2	32x3 1/2	31x4
Plain Tread	Each, \$11.50	11.20	14.45	15.10	17.45	21.30
Trafik Tread	Each, 12.05	11.75	15.20	15.90	18.30	22.35



Trafik Tread.



FEDERAL RUGGED TREAD TIRES

This is one of the most successful non-skid tires that has ever been brought out. It is a scientifically made tire, constructed of the choicest Sea Island cotton fabric, the finest grade Para rubber, and built on absolute mathematical lines to prevent skidding.

Note the big round studs forming parallel rows across the tread and flaring broadly at the base. This is the only type of construction offering the same resistance against skidding in any direction.

The strong purchase obtained on road or pavement by the big round studs, utilizes every unit of engine power transmitted to the wheels and gives maximum mileage under all conditions of service.

Federal Rugged Tread Tires are made in Clincher, Quick Detachable Clincher and Straight Wall (oversize and non-rim cut) Types to fit Standard Rims.



FEDERAL ROUND TREAD TIRES

Made of the best materials throughout. It is exceedingly durable, resilient and dependable. Like the Rugged Tread, it is vulcanized in open steam, by what is technically known as the "single cure" process—the tread and carcass being cured and united at one operation. The result is, a tire that has won the recognition of motorists everywhere.

Federal Round Tread Tires are made in Clincher, Quick Detachable Clincher and Straight Wall (oversize and non-rim cut) Types to fit Standard Rims.

FEDERAL WHITE TREAD AUTOMOBILE TIRES

CASING ONLY, WITHOUT INNER TUBE

QUICK-DETACHABLE CLINCHER

Size, inches	32x3 1/2	34x3 1/2	32x4	33x4	34x4	35x4	36x4
Plain Tread	Each, \$17.45	21.55	22.70	23.35	24.25	27.55	25.75
Rugged Tread	Each, 20.60	25.45	26.85	27.60	28.65	.....	30.45
Size, inches	34x4 1/2	35x4 1/2	36x4 1/2	37x4 1/2	35x5	36x5	37x5
Plain Tread	Each, \$30.75	32.10	33.75	34.65	39.75	44.95	42.50
Rugged Tread	Each, 36.35	37.90	39.85	40.95	46.90	53.10	50.20

STRAIGHT WALL DETACHABLE

Size, inches	32x3 1/2	34x3 1/2	32x4	33x4	34x4	35x4	36x4
Plain Tread	Each, \$17.45	21.55	22.70	23.35	24.25	27.55	25.75
Rugged Tread	Each, 20.60	25.45	26.85	27.60	28.65	32.60	30.45
Size, inches	33x4 1/2	34x4 1/2	35x4 1/2	36x4 1/2	37x4 1/2	35x5	37x5
Plain Tread	Each, \$30.20	30.75	32.10	33.75	34.65	39.75	42.50
Rugged Tread	Each, 35.70	36.35	37.90	39.85	40.95	46.90	50.20

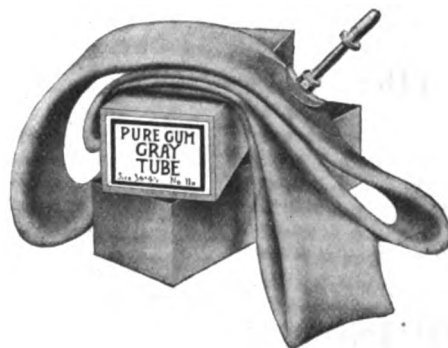
REGULAR CLINCHER

Size, inches	28x3	30x3	30x3 1/2	31x3 1/2	31x3 1/2	32x3 1/2	31x4
Plain Tread	Each, \$11.50	11.20	14.45	15.10	15.10	17.45	21.30
Rugged Tread	Each, 13.55	13.20	17.10	.....	.....	20.60	25.15

AUTOMOBILE INNER TUBES

CONGO GREY

The long service and lasting satisfaction of Congo Pure Gum Grey Tubes are simply the result of the correct combination of the best material (Up-River Para), liberal size, splice and valve base reinforcement, and skilled workmen specializing solely on tube construction.



Congo Grey Tubes are wrapped in tissue paper and packed one in a box complete with dust cap and a package of talcum powder.

Congo Grey Tubes are made of nothing but the newest and toughest rubber; rubber that is live and that will keep its life indefinitely.

Congo Grey Tubes are made under a rigid system of inspection and test, a system so thorough that you can be sure that the Tube you purchase is in perfect condition.

Congo Grey Tubes are thick, strong, lively and can be patched repeatedly.

Size, inches	28x3	30x3	30x3 1/2	31x3 1/2	32x3 1/2	34x3 1/2	31x4	32x4
Each	\$2.95	2.75	3.15	3.45	3.50	4.25	4.05	4.25
Size, inches	33x4	34x4	35x4	36x4	35x4 1/2	36x4 1/2	37x4 1/2	37x5
Each	\$4.25	4.45	4.75	4.75	5.60	5.90	6.10	7.20

FEDERAL GREY



Federal Grey Tubes are made of the best quality, extra heavy gauge Para rubber and embody all of the essential elements of strength, durability and elasticity necessary to long life and satisfactory service.

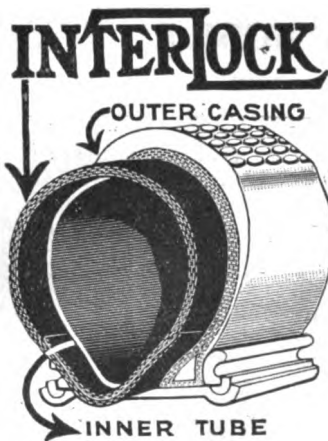
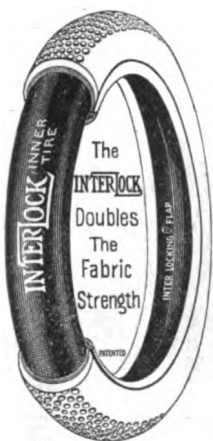
Federal Redskin Tubes are heavy, seamless and flawless. They are built up layer by layer, eliminating any danger of porosity or weak spots. They do not stretch out of shape.

FEDERAL REDSKIN



Size, inches	28x3	30x3	30x3 1/2	31x3 1/2	32x3 1/2	Size, inches	28x3	30x3	30x3 1/2	31x3 1/2	32x3 1/2
Each	\$2.95	2.75	3.15	3.45	3.50	Each	\$3.35	3.15	3.65	3.95	4.05
Size, inches	34x3 1/2	31x4	32x4	33x4	34x4	Size, inches	34x3 1/2	31x4	32x4	33x4	34x4
Each	\$4.25	4.05	4.25	4.25	4.45	Each	\$4.85	4.65	4.85	4.85	5.15
Size, inches	35x4	36x4	33x4 1/2	34x4 1/2	35x4 1/2	Size, inches	35x4	36x4	33x4 1/2	34x4 1/2	35x4 1/2
Each	\$4.75	4.75	5.25	5.60	5.60	Each	\$5.40	5.40	6.10	6.45	6.45
Size, inches	36x4 1/2	37x4 1/2	35x5	36x5	37x5	Size, inches	36x4 1/2	37x4 1/2	35x5	36x5	37x5
Each	\$5.90	6.10	6.90	7.20	7.20	Each	\$6.80	7.00	8.00	8.30	8.30

NOTE—Above Prices are Subject to Change Without Notice. Write for Prices.



INTERLOCK INNER CASINGS

EXTRA HEAVY RED

Prevent Blowouts, Reflect Punctures, Double the Fabric Strength.

This is by far the best tire reinforcement made. It is a complete self-locking inner fabric tire—fully 2½ times stronger than an ordinary reliner—and holds rim cuts as well as blow-outs. Can be installed easily and quickly, and will get results from old tires that no other reinforcement can possibly get.

With tires usually guaranteed for 3500 miles, and Interlock cost only one-fourth as much—it follows, that an Interlock needs to give only 900 miles extra service to pay for itself. Shipped in the full round, like a tire.

Size, Inches	28x3	30x3	32x3	30x3½	32x3½	34x3½
Each	\$5.00	5.00	5.00	5.50	5.50	5.50
Size, Inches	32x4	33x4	34x4	36x4	36x4½	36x5
Each	\$8.50	8.50	8.50	8.50	10.00	

CONGO RELINERS OR INSIDE PROTECTORS

CONGO

Made of exceptionally high grade stock, and extra wide for full protection of side walls of casing.

A very pliant but strong and durable Reliner acting as a safeguard against blow-outs, and adding materially to the life of weak tires.

Size, Inches...	28x3	30x3	32x3	30x3½	32x3½	34x3½	36x3½	30x4	31x4	32x4	33x4
Each	\$2.00	2.20	2.40	2.60	2.70	2.80	2.90	2.90	2.90	3.90	3.10
Size, Inches...	34x4	35x4	36x4	37x4	40x4	34x4½	35x4½	36x4½	37x4½	37x5	
Each	\$3.20	3.30	3.40	3.50	3.70	3.50	3.60	3.70	3.80	5.00	

CONGO INSIDE TIRE SLEEVES OR CASING PATCHES



	With Flaps.					
Nos.	1	2	3	4	5	6
For Tires, Inches...	3	3½	4	4½	5	5½
Each	\$0.50	.60	.70	.80	1.00	1.20

These Patches are built up of several plies of strong cotton fabric, reinforced at points of greatest strain, and vulcanized together into one substantial piece. It is a thorough and dependable emergency repair for casing blow-outs. Constructed with side flaps to attach to side walls of casing, thus preventing patch from shifting or creeping while in service.

OUTSIDE TIRE SLEEVES

CONGO



A full moulded product—thick and heavy and made of a superior quality of tire fabric and tread stock. Fitted with reinforced eyelets and extra heavy rawhide lacing. A thoroughly dependable shoe built for emergency cuts or blow-outs to withstand temporary hard service.

Nos.	1	2	3
For Tires, Inches...	2½, 3	3½, 4	4½, 5
Each	\$0.90	1.20	1.50

FEDERAL HOOK-ON

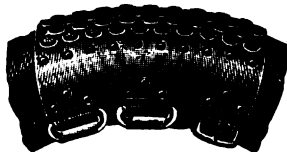
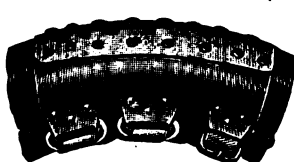


Made from strong high grade fabric with a wear resisting rubber cover. Furnished in both clincher and straight wall types. When ordering state type of casing for which sleeve is required together with the size of casing.

For Tires, Inches...	3	3½	4	4½	5
Each	\$1.00	1.10	1.20	1.40	1.60

LEATHER TIRE BOOTS

WOODWORTH STRAP BOOTS



Cut Shows Light Strap Boot. Cut Shows Heavy Strap Boot.

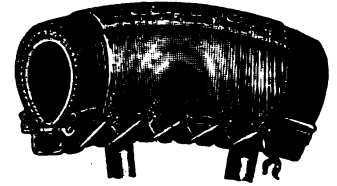
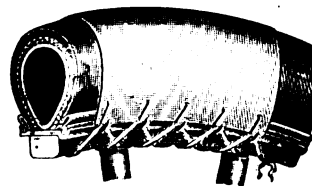
The Light Strap Boots have one ply of leather on the sides and two ply on the middle, studded with thin-headed rivets.

The Heavy Strap Boots are made of two ply chrome leather reinforced on the middle and studded with thick-head rivets.

7 in. Long, Complete with 1 in. Chrome Strap.

Nos.	10	20	30
Size, Inches	2½ or 3	3½ or 4	4½ or 5
Light	Each, \$1.40	1.75	2.20
Heavy	Each, 2.20	2.80	3.40

WOODWORTH LACE BOOTS



Cut Shows Plain Lace Boot. Cut Shows Reinforced Lace Boot.

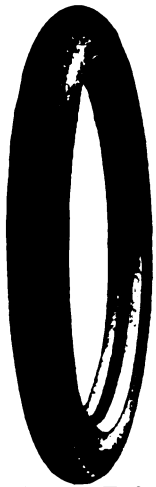
The Plain Lace Boots are made of one ply of heavy leather with hooks along the edges.

The Reinforced Lace Boots have an extra ply of leather on the middle part where the wear comes, studded with flat head rivets.

7 in. Long, Complete with Lace.

Nos.	11	22	33
Size, Inches	2½ or 3	3½ or 4	4½ or 5
Plain	Each, \$0.80	1.00	1.40
Reinforced	Each, 1.40	1.50	1.75

FEDERAL MOTORCYCLE TIRES



STUDDED TREAD



A Cross Sectional View of the Studded Tread Tire.

Federal is the tire for all riders—at all times and under all conditions.

This new Federal Motorcycle Tire establishes a new standard, both as to efficiency and value. It is built to give the motorcyclist the greatest possible service and the greatest possible security. The tread has four plies of high grade fabric—carefully built up ply-by-ply, combining exceptional strength with great flexibility.

The tread is built with extra large studs—thickest in the middle where the greatest wear comes.



CORRUGATED TREAD



A Cross Sectional View of the Corrugated Tread Tire.

Federal Tires have won their way to the highest pinnacle of public popularity through sheer merit.

The Corrugated Tread for motorcycles offers many advantages for both pavement and cross country riding. The corrugations running laterally present a continuous wearing surface to the road.

Federal Corrugated Tread Tires have an extra heavy tread, and while presenting the familiar appearance of the popular corrugated tread, have been built to keep pace with the demand for extra service.

Casing Only, Without Inner Tube.

	Each
26x2 1/2 in.—Double Clinch, Studded, to Fit Old Type Rims.....	\$7.10
28x2 1/4 in.—Single Clinch, Studded, to Fit Old Type 28x2 1/4-2 1/2 in. Rims.....	7.15
28x2 1/2 in.—Single or Double Clinch, Studded or Corrugated, to Fit Old Type or 28x2 1/2 in. Standard Rims.....	7.55
28x2 3/4 in.—Single Clinch, Studded, to Fit 28x3 in. Standard Rims.....	8.40
29x2 3/4 in.—Single Clinch, Studded, to Fit Old Type or 28x2 1/2 in. Standard Rims.....	8.40
28x3 in.—Single Clinch, Studded, to Fit 28x3 in. Standard Rims.....	9.45

NOTE—When Ordering, Always State if Wanted for Old Type or Standard Rims.

FEDERAL WHITE NON-SKID CLINCHER AUTO STYLE

Casing Only, without Inner Tube.

	Each
No. 28NS—28x3 inches, for Motorcycles, White Non-Skid Tread.....	\$18.20

FEDERAL MOTORCYCLE INNER TUBES



Made of the best grade Para rubber and fitted with standard valves. Made by a new and greatly improved process, incorporating into their construction an added strength and durability which insures long and satisfactory service. Furnished in both Endless and Butt End types.

NOTE—Endless Tubes Always Furnished Unless Butt End Tubes are Specified.

Size, Inches	26x2 1/4	28x2 1/4	28x2 1/2	28x2 3/4	29x2 3/4	28x3
Each	\$1.80	1.80	2.00	2.10	2.10	2.50

NOTE—Above Prices are Subject to Change Without Notice. Write for Prices.

MOTORCYCLE GRIPS

ROUGH RIDER



Knob End, for 1 in. Handle Bar.

Per Pair

No. 3—Grey Rubber.....	\$0.90
No. 4—White Rubber.....	1.40
No. 5—Red Rubber.....	1.20

OPEN END



Per Pair

No. 6—Open End, Grey Rubber, for 1 1/8 in. Handle Bar..	\$0.50
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MOTORCYCLE GRIPS

TOURIST



Per Pair

No. 7—Tourist, Grey Rubber.....	\$0.90
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MOTORCYCLE PEDAL RUBBERS



Per Pair

No. 10—Pedal Rubbers, Best Quality Rubber.....	\$0.24
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AUTOMOBILE TIRE SUNDRIES

CEMENTLESS INNER TUBE PATCHES



Require neither acid nor cement, and permit of quick repair and immediate use of the tube.

Per Dozen Boxes

- Congo Red**—2 in. Diameter, Made of the Highest Quality Red Rubber with a Feather Edge, Made the Right Thickness and Will Stretch with the Tube when Inflated, Easily and Quickly Applied, 10 in a Screw Top Box.....**\$6.00**
- Pirate Grey**—2 in. Diameter, Made of High Grade Grey Rubber with Feather Edge, Very Elastic, 10 in a Screw Top Box.....**3.60**

REPAIR MATERIAL IN CARTONS

A high grade line of Repair Material consisting of Unvulcanized Gums for repairing Casings and Inner Tubes; Combination semi-cured and uncured stock for repairing Inner Tubes and Frictioned Fabric in $\frac{1}{4}$ lb., $\frac{1}{2}$ lb., and 1 lb. cartons.

UNVULCANIZED GUM FOR REPAIRING CASINGS



Per Pound

- No. **R71**— $\frac{1}{2}$ Lb. Roll on Holland Liner in Screw Top Paper Can.....**\$1.50**
- No. **R71**—1 Lb. Roll on Holland Liner in Screw Top Paper Can.....**1.50**
- No. **R71**—2 Lb. Roll on Holland Liner in Screw Top Paper Can.....**1.50**

UNVULCANIZED GUM FOR REPAIRING INNER TUBES

Per Can

- No. **R101**— $\frac{1}{4}$ Lb. Roll 5-Minute Cure Stock, Unvulcanized Gum for Quick Repairs, on Holland Liner in Screw Top Paper Can.....**\$0.70**
- No. **R101**— $\frac{1}{2}$ Lb. Roll 5-Minute Cure Stock, Unvulcanized Gum for Quick Repairs, on Holland Liner in Screw Top Paper Can.....**1.30**
- No. **R101**—1 Lb. Roll 5-Minute Cure Stock, Unvulcanized Gum for Quick Repairs, on Holland Liner in Screw Top Paper Can.....**2.20**
- No. **R11**— $\frac{1}{4}$ Lb. Roll Unvulcanized Gum for Filler on Holland Liner in Screw Top Paper Can.....**.70**
- No. **R11**— $\frac{1}{2}$ Lb. Roll Unvulcanized Gum for Filler on Holland Liner in Screw Top Paper Can.....**1.20**
- No. **R11**—1 Lb. Roll Unvulcanized Gum for Filler on Holland Liner in Screw Top Paper Can.....**2.20**
- No. **R31**— $\frac{1}{4}$ Lb. Roll Combination of Semi-Cured and Uncured Stock for Inside Patches, on Holland Liner in Screw Top Paper Can.....**.70**
- No. **R31**— $\frac{1}{2}$ Lb. Roll Combination of Semi-Cured and Uncured Stock for Inside Patches, on Holland Liner in Screw Top Paper Can.....**1.20**
- No. **R31**—1 Lb. Roll Combination of Semi-Cured and Uncured Stock for Inside Patches, on Holland Liner in Screw Top Paper Can.....**2.20**

Per Dozen

- No. **18**—Small Roll, Suitable for Casing Repairs.....**\$1.50**

FRICTION FABRIC

Per Can

- No. **F99**— $\frac{1}{2}$ Lb. Roll, for Repairing Casings, in Screw Top Paper Can.....**\$1.30**
- No. **F99**—1 Lb. Roll, for Repairing Casings, in Screw Top Paper Can.....**2.40**

INNER TUBE PATCHES



Per Dozen

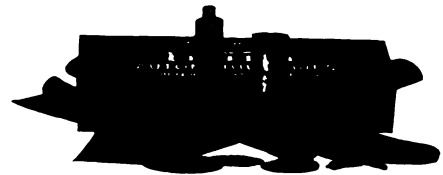
- No. **00**— $1\frac{1}{2}$ inch, Round.....**\$0.48**
- No. **0**—2 inch, Round.....**.84**
- No. **3**— $3\frac{1}{2} \times 1\frac{1}{4}$ inch.....**.88**
- No. **2**— $3\frac{1}{2} \times 2\frac{1}{4}$ inch.....**1.10**
- No. **1**— $4\frac{1}{2} \times 3\frac{1}{4}$ inch.....**1.50**

Per Box

- Assorted**—In Boxes Containing
3 No. 00, 3 No. 0, 2 No. 3,
2 No. 2 and 2 No. 1
Patches.....**\$0.75**

For repairing inner tube punctures, cuts, blow-outs, etc., these patches have no superior. Made of excellent quality of stock, with tapering edges, and buffed on one side to insure strong adhesion to the tube.

TIRE REPAIR KITS



Each

- Tire Repair Kit**—Consists of Assorted Patches, Cement, Emery Paper, Soapstone and Tire Irons, etc., Put Up in a Box.....**\$1.60**

An economical outfit for making easy and inexpensive home and roadside repairs.

SCHRADER VALVES

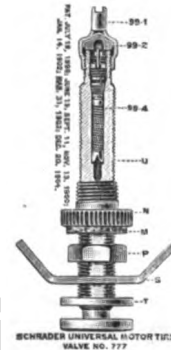
Each

- No. **725**—For $3\frac{1}{2}$ in. Larger Tires....**\$0.65**
- No. **777**—For $2\frac{1}{2}$ and 3 in. Tires.....**.54**

VALVE PARTS

Per Dozen

- No. **39**—Valve Caps.....**\$0.58**



VALVE CORES

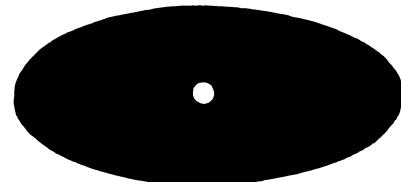


Put up in a neat metal box with sliding cover as illustrated. Makes a good vest pocket case for the owner that keeps the cores free from dust and dirt.

Per Box

- No. **1801**—5 Cores in a Tin Box.....**\$0.32**

VALVE BASES

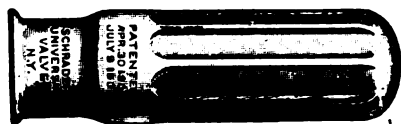


Splendid Quality, for Inner Tubes.

Each

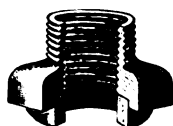
- Large**—For No. 725 Valves.....**\$0.24**
- Small**—For No. 777 Valves.....**.20**

DUST CAPS



No. 2069—For Nos. 725 and *777 Valves.....**Each \$0.12**

*COMBINATION RIM NUT AND DUST CAP BUSHING



No. 2026—Required on No. 777 Valve in Order to Use Dust Cap**Each \$0.12**

PUNCTURE PLUGS

GOODRICH P. P. P.
PERMANENT PUNCTURE PLUGS

For
Automobile
Inner Tubes.



Cut Showing Permanent Puncture Plug.



Cut Showing Permanent Puncture Plugs in Tube.

Per Box

Goodrich P. P. P.—Permanent Puncture Plugs, Ball Bearing, Put up 1 Dozen Assorted Sizes in a Handy Metal Box**\$0.60**

Self-Acting—Permanent—Absolutely Air Tight.

Works like a collar button. Push the Plug into the Hole—that's all.

The Ball Bearing Automatically Seals Itself and Holds the Air at Any Pressure.

No cement is required; therefore no more messy fingers and no long waits.

"EVERLOC" PATCHES



Patch Comes Rolled in Container, Complete with Tube of Cement, Etc.

For Inner Tubes.

Nos.	1E	2E	3E
Sizes of Sheet, Inches.....	2 1/8 x 16 1/2	4 x 18	6 1/2 x 18 1/2
Per Outfit	\$0.70	1.20	1.80

For Casings.

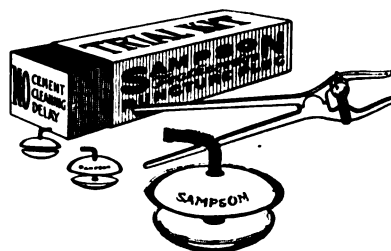
No. 4E—Heavy, 6x18 in. Sheet, Made of a Very Heavy Fabric and Will Resist a High Pressure, to be Applied on Inside of Casing**\$1.80**

PUNCTURE PLUGS

SAMPSON FEATHEREDGE

For Automobile Inner Tubes.

Put Up in Sampson Trial Kits.



The Sampson Puncture Plug is a perfect mechanical device which absolutely eliminates all the objectionable and uncertain features of present methods of repairing inner tubes. Consists of two small perforated metal discs imbedded in a covering of soft velvety

rubber and drawn together by a threaded wire which is easily broken off when the plug is tight. The principle of operation is essentially the same as in fastening the valve stem in the tube. Sampson Plugs will not leak and there is no exposed metal to chafe or injure the tube or shoe.

Per Kit

Sampson Trial Kit—Consists of One Pair Forged Steel Combination Cutting and Inserting Pliers, and One Each Sampson Plugs No. 5 Small, No. 6 Medium, and No. 7 Large, Put up in a Strong Telescoping Container with Instructions for Use.....**\$0.50**

TIRE TAPE



The rubber compound is thoroughly worked into the cloth. The friction is strong, adhesive, and as nearly moisture proof as possible. It will hold fast wherever applied.

Black.

Per Pound

No. 16—Automobile, 1 1/2 in. Wide, in 1 Lb. Package...**\$0.60**

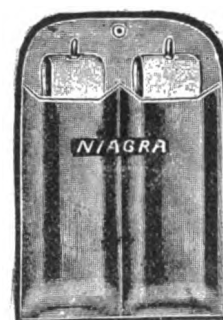
No. 1—3/4 in. Wide, in 1 Oz. Package**.60**

No. 2—3/4 in. Wide, in 2 Oz. Package**.60**

No. 4—3/4 in. Wide, in 4 Oz. Package**.60**

No. 8—3/4 in. Wide, in 1/2 Lb. Package**.60**

INNER TUBE CASES



Per Dozen

Niagara—Made of Meritas Rubber Cloth, Will Take Two Inner Tubes**\$7.50**

TIRE-DOH



The Easy, Permanent Repair for Punctures and Blowouts.

- | | |
|--|----------------------|
| No. 10—Tire-Doh Outfit, Contains One 3½ Oz. Can Tire-Doh and One 2 Oz. Can Tire-Doh Cement, Put up in a Large Can..... | Per Outfit
\$1.55 |
| No. 11—Tire-Doh Outfit, Contains One 1½ Oz. Can Tire-Doh and One 1 Oz. Can Tire-Doh Cement, Put up in a Large Can..... | .70 |

You don't know how easy it is to put an end to your puncture and blowout troubles until you buy a Tire-Doh Outfit.

Works every time and is the simplest thing in the world to use—mends inner tubes permanently.

Just clean the rubber around puncture or blowout, put on a little Tire-Doh cement and then apply the Tire-Doh. After the Tire-Doh sets, as it will in five or ten minutes, it becomes a part of the rubber itself, possessing all the elasticity and strength of the best Para rubber.

Tire-Doh has been used successfully to mend tears 37 in. long in inner tubes.

Patches are uncertain, vulcanizing costs money if you have it done for you—often burns your tubes if you try to do it yourself. Tire-Doh is better than all three and costs only one-tenth as much.

Used on cuts and sand blisters in casings Tire-Doh will prevent water and oil from entering and rotting the fabric. Tire-Doh will mend any article of rubber, water bags, rubber gloves, boots, etc.

MICHELIN MASTIC CEMENT



FOR REPAIRING CASING CUTS

This is a rubber gum to fill in casing cuts after first applying cement. Can also be used for patching inner tubes by putting over breaks the same as a rubber patch.

Not a liquid but a plastic cement.

Cuts properly repaired with Michelin Mastic Cement will not reopen with wear and hard service, but are permanently and properly sealed.

- | | |
|---|---------------------|
| No. 7—2 Oz. Wide-Mouth Sealed Top Cans..... | Per Dozen
\$6.00 |
|---|---------------------|

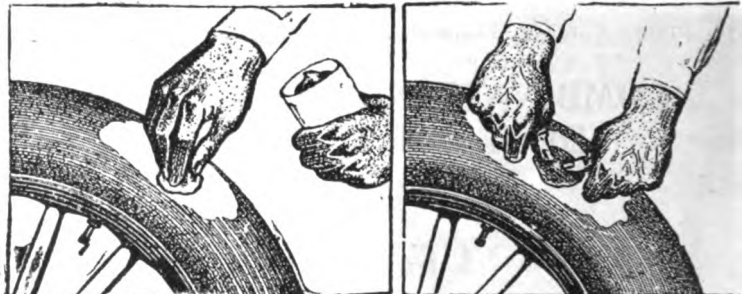
MICHELIN CEMENT

Pure dissolved Para gum, undiluted. The best and strongest it is possible to make. Unequaled for repairing punctured tubes and envelopes, and for other purposes requiring the use of the strongest and most satisfactory adhesive.

- | | |
|----------------------------|----------------------|
| No. 9—In ¼ Pint Cans..... | Per Dozen
\$ 3.60 |
| No. 93—In 1 Pint Cans..... | 12.00 |

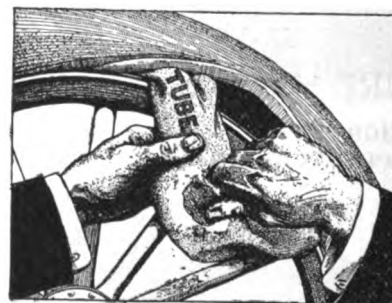


RUBBER PUTTY



Apply cement, let it partly dry.

Press in "Fixit," that's all.



Press in "Fixit," that's all.

HOW SIMPLE TO APPLY FIXIT

Repairs cuts, tears, punctures, blowouts, blisters and pockets, etc., without the use of heat, acids, patches, battery or tools.

No tools needed but the hands. Enough in each outfit to pay for itself several times in a year.

"Fixit" is easy to apply—dries quickly, makes absolutely permanent repairs.

Stays Fixed—will not tear off after hard service.

Any rubber article can be repaired perfectly and permanently with "Fixit" and anybody can do the job without tools or apparatus, other than their hands. In addition to rubber tires, casings and tubes, it makes easy the mending of rubber hose, hot water bags, syringes, rubber shoes and boots, rubber coats, etc.

- | | |
|-------------------------------|-------------------|
| No. 8F—Automobile Size | Per Can
\$1.45 |
| No. 11F—Motorcycle Size | .66 |

NU-TIRE

Punch's Original



Preserves Tires, Renews Tires, Wears Like Rubber.

- | | |
|---|----------------------|
| No. 20—1 Pint Cans, White or Grey Shade..... | Per Dozen
\$ 6.00 |
| No. 25—1 Quart Cans, White or Grey Shade..... | 14.00 |

Punch's Original Nu-Tire is a scientific unvulcanized rubber solution made from genuine Para rubber gum. Flows readily from a brush. Fills up cuts and cracks before they have a chance to expand. Heals up the tiny sand cuts that allows road oil, water and dirt to work into casings, resulting in speedy decomposition and blowouts. Only a brush is needed, dries in 15 minutes. Apply once every week.

Note—When ordering, always state if White or Gray Shade is wanted.

TREAD FILLER**2 IN 1, DUTCH BRAND****Quick—Sure—Economical.**

A high grade compound in semi-liquid form for quickly filling small cuts and gashes in automobile and motorcycle casings. Requires no cement. Dries very hard and resilient. Makes tires last longer.

By using "2 in 1" Tread Filler in time on small cuts, many expensive jobs of vulcanizing can be avoided.

No. 2 in 1—1x6 inch Tubes, with Nozzle Point, 1 Dozen in a Box **\$4.00**

AUTO PUNCTURE CEMENT**DUTCH BRAND****For Extra Heavy Patchings.**

Manufactured from the finest Para rubber, thoroughly washed and dried, and mixed with chemical solutions of absolute reliability. This cement has stood the severest tests and has always proven satisfactory.

Per Dozen
 $\frac{3}{4}$ x4 inch Tubes **\$1.20**
 1 x4 inch Tubes **1.80**
 $\frac{1}{4}$ Pint Cans **3.30**

FLAKE GRAPHITE

Lubricates by attaching itself to the rough spots that produce friction and thus by smoothing out these rough spots it eliminates the high friction of metal to metal and exchanges the low friction of Graphite to Graphite.

The use of this Graphite prevents cutting or sizing in cylinders and bearings. Is not affected by heat, cold, acids or alkalies.

Each
 In 8 Oz. Cans **\$0.60**
 In 1 Lb. Cans **1.00**

SOAPSTONE**Finest Quality.**

No. 28—In 2x8 inch Carton Containing 1 Lb. **\$0.12**

SLIP-EASY TIRE TALC

Slip-Easy Tire Talc is the best grade of American talc we can buy for tire lubrication. After having repaired a tube don't omit to sprinkle the inside of the casing generously with Slip-Easy Tire Talc.

Each
 $\frac{1}{2}$ Lb. Fibre Tube **\$0.16**
 One Dozen in Box.

VULCANIZING CEMENT**DUTCH BRAND**

This Cement is made to cure quickly and effectively—dries rapidly. Never fails to effect a permanent job.

Per Dozen
 $\frac{1}{4}$ Pint Cans **\$3.00**
 1 Pint Cans **9.00**

RELINER CEMENT

Per Dozen
 $\frac{1}{4}$ Pint Cans **\$2.50**
 An exceptionally sticky cement. The reliner is in to stay when this cement is used.

ONE-PIECE WORK SUIT

Automobile Work Suit made in one piece, close buttoned at neck. Tabs at wrists and bottoms of trousers, so can be closed, protecting undergarments. Openings at side to get at trouser pockets.

A man wearing one of these suits can crawl around under automobiles, over the dirty, greasy floors, and not soil the regular clothes.

Just What You've Been Wanting.

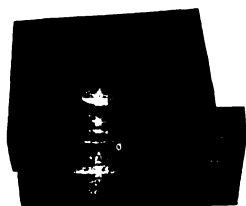
Make that adjustment—oil or grease the car—change a tire.
 —but protect your suit from that grease spot which means a cleaner's bill.
 —but protect your cuff or sleeve from grease stain which means another shirt ruined.
 —will save its cost times without number.

On or Off in a Jiffy.**Just slip it on and fasten.**

Per Suit
 No. 4025—Heavy Material. Strong, Serviceable Khaki. Sizes 40. 44. 48 **\$3.50**

RED GENERATOR TUBING

CONGO



This Tubing is produced from very superior stock, making a finished article of exceptional quality. It is smooth in finish, exceptionally strong, and of a clean, bright color.

50 Feet in a Box.

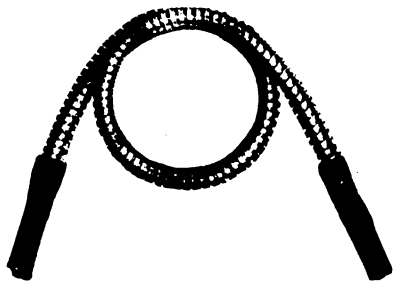
Hole, Inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$
Wall, Inches	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$
Per Foot	\$0.06	.08	.15	.16

AUTO GAS LAMP CONNECTIONS

CONGO



No. 200—12 inches Long, $\frac{1}{8}$ inch Hole, $\frac{1}{8}$ inch Wall, Made of a Good Quality Rubber, with Reinforced Ends Each \$0.20



No. 300—15 inches Long, Made of Flexible Brass Tubing, Rubber Lining and Rubber Ends, Strong and Durable Each \$0.30

RADIATOR HOSE CONNECTIONS

CONGO



Built up of three plies of extra heavy fabric, rubber coated. Far superior to hose usually sold for this purpose. Has heavy inner lining of uncured rubber specially compounded to withstand action of grease and hot water. Nothing equal to it for the purpose for which it is designed.

In 3 Foot Lengths.

Inside Diameter, Inches..	1	1 1/4	1 1/2	1 3/4	2
Per Foot	\$0.32	.36	.42	.48	.50
Inside Diameter, Inches..	2 1/4	2 1/2	2 3/4	3	
Per Foot	\$0.55	.60	.60	.70	

FORD RADIATOR HOSE CONNECTIONS

Made of an excellent grade of oil-resisting cover stock with a tube of rubber especially compounded to withstand the action of steam and hot water.

With Capped Ends.

No. 1R—2 3/4 in. Long, 1 1/4 in. Inside Diameter	Each \$0.18
No. 2R—3 1/4 in. Long, 2 in. Inside Diameter .....	.20

HOSE CLAMPS

IDEAL, FOR FORD CARS



Used in connection with Radiator Hose.

Perfect even bearing all around the hose.

The semi-circular piece, made of high-tempered steel, presses rigidly towards the sides of the clamp, and insures absolute, even tension.

Adjustable, Galvanized.

Nos.	1	2	3
Inside Diam. Opened, In....	2 1/4	2 1/2	2 3/4
Inside Diam. Closed, In....	2	2 1/4	2 1/2
Per 100	\$7.60	8.60	9.60

FAN BELTS FOR FORD CARS

MINUTE DETACHABLE

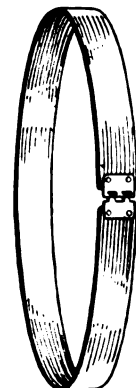
Made of high grade leather, thoroughly impregnated with a special waterproof composition, thereby rendering it absolutely impervious to oils, grease, alkali or water.

Will stand considerable heat; heavy abrasive wear and give good service until belt is worn out.

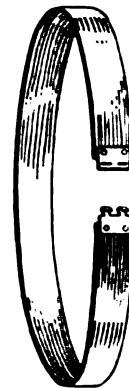
Per Dozen

No. 62—For Ford Cars up to 1916 \$5.30

No. 63—For 1917 Ford Cars 6.00

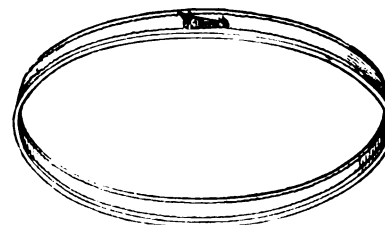


ATTACHED



DETACHED

KROME



Made of "KROME" Mineral Tanned Belting Leather. Single Ply, Waterproof Laps. Double stitched throughout. Will outwear ordinary leather belts many times over. No slipping. A sure pull at high speed over small pulleys. Weather conditions do not affect "Krome" Leather. No matter how many times the belt may be wet and dried, it will remain soft and pliable. Not injured by lubricating oil. "Krome" leather is non-absorbent. Oil does not affect it.

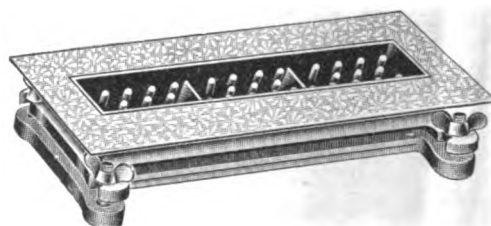
Per Dozen

No. 8—For Ford Cars Up to 1916..... \$4.50

No. 9—For 1917 Ford Cars..... 5.00

VULCANIZERS

GREENE'S GASOLINE



Each

No. 2—Greene's, Gasoline Heated, Complete with Repair Rubber, Emery Cloth and Directions..... \$2.00

A reliable blow-out or puncture repair outfit. Gasoline gauge is the cross-bar separating the several sections. As many as three punctures can be repaired at the same time. Note special flame shield. Will fit in any tool box.

LIGHTING SYSTEM FOR FORD CARS

JEFFERSON MAGNETO LAMP REGULATOR

Prevents Your Headlights from Burning Out.



The Jefferson Magneto Lamp Regulator is designed primarily to allow for multiple wiring and the use of standard six-volt lamps. When the Regulator is installed, each light is operated separately and independently of the others, and if the light goes out the rest are not affected. It increases the lighting efficiency at low engine speed and prevents the lights from burning out at high engine speed. An improved Double Throw Switch is used in the circuit for dimming the lights for city driving.

With the present Ford lighting system the wiring is in series and if one light goes out, both lights are out. Another objectionable feature of the series wiring is the burning out of headlights when the engine is racing or the car is running at a high rate of speed. The Jefferson Regulator eliminates all these weaknesses. It is the only practical lighting system for Ford cars.

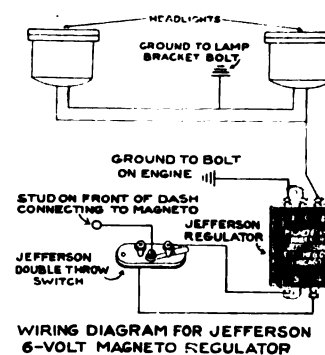
The Jefferson Regulator operates all lights on a Ford car—head-lights, side-lights, speedometer light, spot-light and tail-light. Owing to its high electrical efficiency, it will not interfere with the ignition and cause the engine to miss.

With the Jefferson lighting system, standard six-volt lamps are used. These lamps have a sturdier filament, can withstand vibration better, last longer and give better satisfaction. Six-volt lamps are carried in stock by all dealers and garages.

The Regulator is small, neat and compact. Assembled in a black enameled steel case, weighing only two and one-half pounds. Can be mounted in any convenient place on the dash under the engine hood. Has no moving parts and with ordinary care guaranteed to last a lifetime. Complete wiring diagram accompanies each Regulator. The installation is very simple and can be made in ten or fifteen minutes.

With this Regulator it is possible for the Ford owner to have a six-volt storage battery interchangeable with the Regulator, the battery to be used when the car is standing and the Regulator when the car is running. Understand that the Regulator and battery are entirely independent of each other.

Do not compare the Jefferson Regulator with any of the makeshift devices on the market, such as resistance, rheostats or impedances, as these devices only regulate by dissipating the energy in heat and causing the engine to miss.

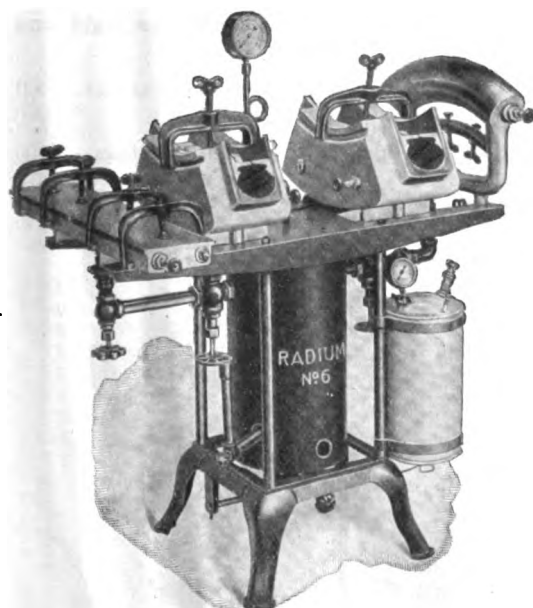


No. 50—Jefferson Magneto Lamp Regulator, Complete with Double Throw Switch, Weight Each 2 ½ Lbs.	Each \$3.50
No. 51—Extra Double Throw Switch.	.35

STEAM VULCANIZERS

RADIUM No. 6

Equipped with Gas or Gasoline Burners, Guaranteed.



This is the most popular and efficient Vulcanizer on the market at present. As shown by illustration, the frame is rigid and strong. The molds are fastened to the top plate of Vulcanizer and connected to the steam piping by ground unions and each mold has a valve in circuit between boiler and mold, so that when not in use steam can be turned off, saving fuel and time in raising steam.

The Boiler is of the regulation Flue Type, capacity 3 ½ gallons of water. Burners powerful and reliable and will raise 60 lbs. steam pressure in 18 to 20 minutes.

Gasoline Tank of ample capacity with air pressure gauge, Hand Pump and Schrader Valve so that air line can be used for producing the necessary pressure.

Vulcanizer completely equipped as shown, with one set of Inner Clamps for Clincher tires for each Sectional Mold, ready for instant work, with a small quantity of repair gum, fabric, cement, sand paper, etc., but no tools or air bags, which must always be mentioned when wanted and will be furnished at the lowest market prices.

As shown below this Vulcanizer has the most popular sized tire Sectional Molds, but will substitute any other molds, at no additional expense, except the difference in the net price of the molds.

MOLD EQUIPMENT

- 1—V159 Tube Mold, 24 in. Long, 5 ½ in. Wide.
- 1—V160 Sectional Mold for 3 to 3 ½ in. Tires.
- 1—V138 Sectional Mold for 4 to 4 ½ in. Tires.
- 1—V160 Inner Tube Mold, 16 in. Long, for 3 to 4 ½ in. Tires.

No. 6—Radium Steam Vulcanizer, Complete, Weight	Each
Each 300 Lbs.	\$200.00 \$150.00

STEAM VULCANIZERS

RADIUM No. 10

Equipped with Gas or Gasoline Burners, Guaranteed.

DESCRIPTION No. 10

Boiler—Height 30 in., diameter 11 in., flue type, water capacity 5 gallons, burns gas or gasoline, 2 water gauges, complete with steam gauge and all necessary connections and covered with asbestos. Shipping weight 120 lbs.

Length of Vulcanizer frame 7 ft., height to top of molds 42 in., extreme width 28 in., weight shown below.

MOLD EQUIPMENT

- 1—V151 Bicycle Tire Mold for 1½ in. Tires.
- 1—V153 Section Mold for 2 to 2½ in. Casings.
- 1—V143 Section Mold for 2½ to 3 in. Casings.
- 1—V146 Section Mold for 3½ to 4 in. Casings.
- 1—V139 Section Mold for 4½ to 5 in. Casings.
- 1—V150 Inner Lining Mold for any size Casing.
- 1—V157 Tube Mold 24 in. long by 5½ in. wide.

DESCRIPTION OF No. 9

We furnish a No. 9 Vulcanizer, exactly the same as the No. 10 but minus the No. 151 and 153 Section Molds, as per prices and weight shown below.

	Each
No. 9—Vulcanizer, Complete, Shipping Weight Each 615 Lbs. \$300.00	\$225.00
No. 10—Vulcanizer, Complete, Shipping Weight Each 650 Lbs. 335.00	250.00
Extra Boilers Only.....	68.00 50.00

This Vulcanizer has five sectional molds for casings from 1½ to 5½ in. in diameter and one Inner Lining and One Tube Mold as shown above.

We furnish this Vulcanizer with any other combination of molds as desired—see pages describing molds—at the difference in the price of the molds. All vulcanizers are guaranteed to work perfectly or money refunded.

Radium Steam Vulcanizers do Perfect Work.

RADIUM No. 5

Equipped with Gas or Gasoline Burners, Guaranteed.

The No. 5 has the same frame or base as the No. 3 or 4, and the same equipment, all complete, excepting that the molds will enable the user to do any kind of casing repairing, no matter what class of work may turn up.

As shown the vulcanizer has a 16 inch sectional mold large enough for sectional work—the mold shown being used for 4 to 4½ inch casings. Three sizes of this mold will enable the user to vulcanize casings from 2½ to 5½ inches in size and these extra molds can be secured at a very nominal cost as shown on page describing molds and can be quickly attached to this vulcanizer, in place of the Inner Lining or Rim-Cut Mold.

The vulcanizer is compact, easily accessible, does not take up much room and with the equipment mentioned, will do work as well as machines costing three or four times as much.

Burner is powerful and easily regulated, boiler capacity 9 pints of water, steam valves in circuit between molds and boiler, water gauge, safety valve, gasoline tank and pump all complete ready for work and full instructions for operating, and a small quantity of repair material. Boiler, cast iron, size 11 inch diameter, 10 inches high, flue type construction, capacity 9 pints of water.

DESCRIPTIONS

Frame—Cast iron base and top connected by piping and steel rods, rigid and strong.

Molds—Cast iron, all vulcanizing parts highly finished.

1—V138 Sectional Mold, length 16 inches, for 4 to 4½ inch casings. All molds with interchangeable clamps.

1 set of V138 Inner Clamps, for same size tires.

1—V115 Beading Mold with 2 sets of clamps, for 3½ to 4½ inch casings. Will vulcanize bead side of casing and tread.

1—V134 Tube Mold, length 16 inches.

	Each
No. 5—Vulcanizer Complete, Shipping Weight Each 250 Lbs. \$160.00	\$120.00

RADIUM No. 4

Equipped with Gas or Gasoline Burners, Guaranteed.

The No. 4 has the same base as the No. 3, but comes equipped with water gauge and steam valve in circuit between each mold and boiler, so that molds not in actual use can be shut off, saving time in raising steam as well as saving gasoline. The tube molds (2) are also larger, namely 16 inches long instead of 10 inches.

Illustration shows vulcanizer with Pressure Feed Gasoline Burner (blue flame), powerful, economical and reliable and now has pilot light attached that keeps gasoline chamber heated while burner is in use and capable of raising 60 pounds steam pressure in 18 to 20 minutes. Gasoline tank attached holds one gallon of gasoline and will last about six hours on one charge. Boiler flue type, capacity 9 pints of water.

Vulcanizer is shipped out complete with steam gauge, water gauge, steam valves, in circuit between molds and boiler, inner clamps for sectional mold, interchangeable clamps, all complete as shown, ready for instant work, with full instructions for operating.

DESCRIPTION

Frame—Cast iron base and top connected by piping and steel rods, rigid and strong.

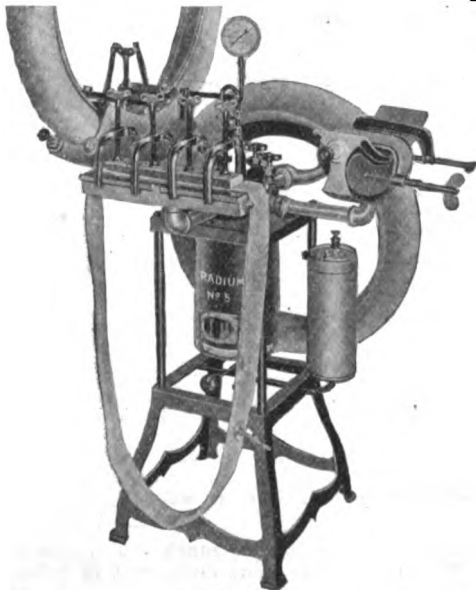
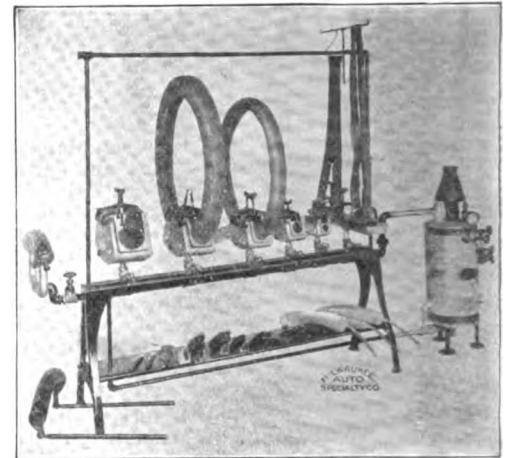
Molds—1 V138 Sectional Mold, length 16 inches, for 4 to 4½ inch casings, with Inner Clamps that fit over bead of casing for retreading, bead and rim-cut work.

2—V134 Tube Molds, length 16 inches.

1—V137 Concave Mold, length 6 inches for repairing small cut, etc., in any casing.

Any other molds as shown on pages describing same can be attached to this vulcanizer in place of those illustrated at no additional cost except the difference in the price of the molds.

	Each
No. 4—Vulcanizer, Complete, Shipping Weight 180 Lbs. \$113.00	\$85.00



No. 5.

1—V150 Inner Lining Mold, length 16 inches for 3½ to 4½ inch casings, for relining and reinforcing casings.

1—V134 Tube Mold, length 16 inches.



No. 4.

STEAM VULCANIZERS

RADIUM No. 1

Model 1915 Equipped with Either Gas, Gasoline or Kerosene Burner.

The No. 1 Vulcanizer fills the demand for a high grade, quickly heated tube vulcanizer, the mold being 32 inches long by 5 inches wide (No. V135) with six interchangeable clamps, with 4 inch 100 lb. steam gauge, safety valve, etc., all complete and ready for work.

Illustration shows vulcanizer with Pressure Feed Gasoline Burner and gasoline tank, one gallon capacity. This burner is powerful and will raise 60 lbs. steam pressure in from 12 to 15 minutes and can be adjusted to hold steam pressure at any point desired without attention.

Can be operated for about 10 hours on one gallon of gasoline and anyone can learn to operate and do perfect vulcanizing in one-half hour.

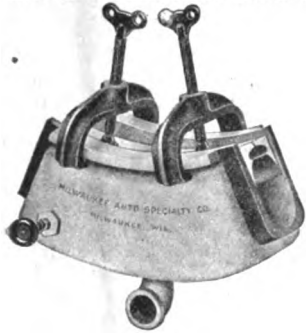
Steam connection of mold is 1 inch standard pipe thread and mold can quickly be detached from stand pipe and a retreading mold attached (see description under molds). This is a practical Vulcanizer, either for garage or private use and recommend either gas or gasoline burner equipment as the most satisfactory.

Purchasers can make any combination on this frame to suit their requirements, see prices of molds below.

No. 1 —Vulcanizer Complete, Weight Each 100 Lbs.....	\$50.60	Each
No. 1B—Base with Stand Pipe, Boiler, Base, Burner, Tank and Pump Complete	\$26 00	20.00

RADIUM SECTIONAL MOLDS

Sectional molds furnished complete with one set (2) Inner Clamps, either clincher or straight edge (Dunlap) type and unless mentioned the clincher type will be sent with vulcanizer. These clamps are needed in doing bead, rim-cut or retreading work and fit over bead of tire and in connection with sand bags or air bags enable the operator to press the casing tight to mold. Order molds by number and give sizes of tire for which clamps are wanted. When ordering extra Inner Clamps always mention number of mold upon which same are to be used and size of tire.



No. of Mold	Length, Inches	Size of Tire, Inches	Diameter, Inches	Clamps	Shipping Weight	Each with Inner Clamps	
V-151	10	1 ½-2	24-28	1	10	\$ 8.00	\$ 6.00
V-153	12	2 -2 ½	28-30	1	20	13.00	10.00
V-143	15	2 ½-3	28-32	2	35	21.30	16.00
V-160	16	3 -3 ½	28-32	2	45	24.00	18.00
V-146	16	3 ½-4	28-32	2	55	28.00	21.00
V-138	16	4 -4 ½	30-34	2	65	30.00	23.00
V-139	16	4 ½-5	32-36	2	75	33.50	25.00
V-140	16	5 ½-6	32-36	2	95	36.00	27.00

INNER CLAMPS

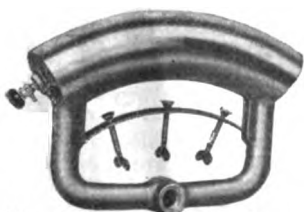
FOR SECTIONAL MOLD
All Surfaces Polished.

Mold No.	Size of Tire, Inches	Size and Weight In. Lbs.	Per Set	
V-151	1 ½-2	10 1 ½	\$2.33	\$1.75
V-153	2 -2 ½	12 4	3.33	2.50
V-143	2 ½-3	15 6	4.70	3.50
V-160	3 -3 ½	16 12	5.36	4.00
V-146	3 ½-4	16 14	6.00	4.50
V-110	4 -4 ½	10 8	4.70	3.50
V-138	4 -4 ½	16 16	6.70	5.00
V-139	4 ½-5	16 18	7.36	5.50
V-140	5 ½-6	16 22	8.70	6.50



Inner Clamp for Retreading of Sectional Mold.

INNER LINING MOLDS



This mold is curved from base up and is so constructed that casing can quickly be wrapped with tape to bind it to mold and tension applied by screws shown in cut.

The entire curved surface of mold is polished.

Each

No. V150—16 inches Long, for All Tires, Weight Each 26 Lbs. \$20.00 \$15.80

TUBE MOLDS

These molds have flat polished surface, excepting No. V137, which has concave shape for repairing small cuts in any size casings. All clamps interchangeable, sliding type.

Price of Clamps.....Each, \$1.00



Tube Mold.

No. of Mold	Length, Inches	Width, Inches	No. of Clamps	Shipping Wt., Lbs.	Molds Complete, Each	Com- plete, Each
V-137	6	5	1	14	\$ 5.00	\$ 3.75
V-136	6	5	1	14	5.00	3.75
V-114	10	5	2	16	10.00	7.50
V-134	16	5	4	20	12.80	9.50
V-157	24	5	5	30	16.70	12.50
V-135	32	5	6	55	27.00	20.00

BEADING MOLDS



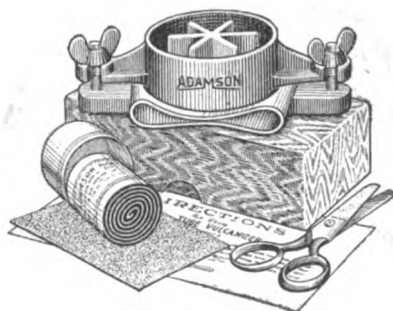
Tire can be clamped to either side of mold. One side for clincher, the other for Dunlap casings. Cures bead and side of casing to tread. Plates furnished that fit inside of casing to press same against mold in connection with 2 screw clamps as illustrated on the No. 4 Vulcanizer.

Each

No. V115—For 3 ½ to 4 ½ inch Casings, Weight Each 30 Lbs. \$16.70 \$12.50
No. V147—For 5 to 6 in. Casings, Weight Each 35 Lbs. \$18.00 13.50

VULCANIZERS

MODEL "M" FORD SPECIAL



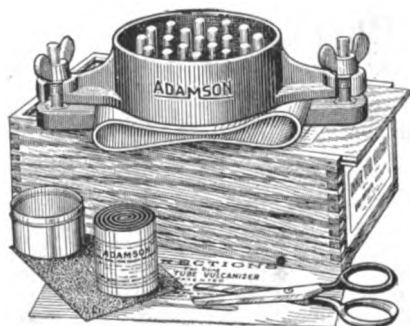
Especially adapted for repairing Motorcycle, Bicycle, Ford and Cyclecar Tubes.

This Vulcanizer operates the same as Model "T," but is smaller. It is designed for repairing 3 1/2 in. tubes and under. It's quick.

A complete outfit, with repair gum, ready for instant use.

Model "M"—Mailing Weight 2 Lbs. Each \$2.00

MODEL "T"



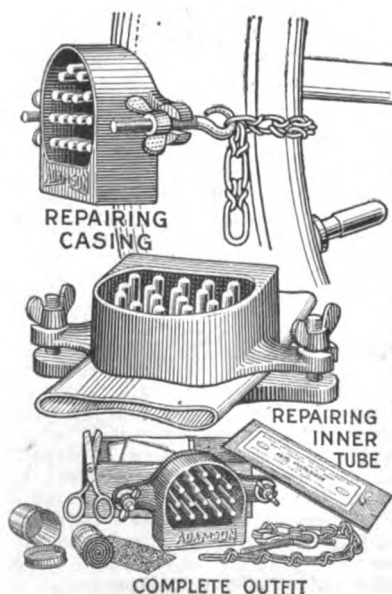
For Inner Tubes Only.

No cement or acid is used, the repair gum is placed on the tube according to directions. The Vulcanizer is applied by simply clamping it centrally over the repair gum and tube as illustrated. To vulcanize the repair, one ounce of gasoline is placed into the vulcanizer and ignited. It's quick.

A complete outfit, with repair gum, ready for instant use.

Model "T"—Mailing Weight 4 Lbs. Each \$3.00

MODEL "U"



For Tubes and Casings.

The tire is repaired without deflating or removing it from the car.

Absolutely Automatic—Place the patch—attach the Vulcanizer, put in gasoline—light it. No further attention required. It can't burn, scorch or injure tube or casings. It can't fail to do its work. So simple anyone can operate it.

A practical Vulcanizing Outfit complete with repair gum ready for instant use.

Model "U"—Mailing Weight 4 Lbs. Each \$4.00

SHALER TUBE-KIT

Type "F" for All Sized Tubes.

The Tube-Kit, which is intended to be carried in the tool box of a car for emergency repairs, mends all tube injuries quickly and permanently. It is as simple and easy to use as an unsatisfactory temporary patch. This model is all that is needed if one does not want to take care of casings.

The correct amount of heat is produced by a lamp which burns gasoline or alcohol without smoke, soot or dangerous exposed flame.

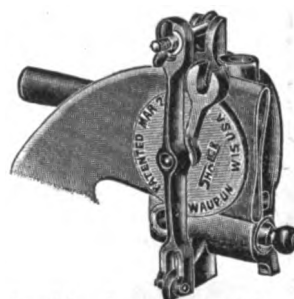
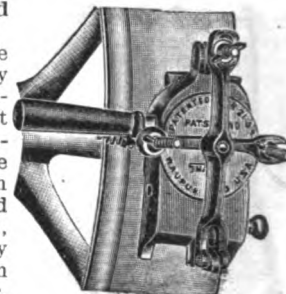
The fuel is contained in the lamp in such a way that accidental tipping over of the vulcanizer while in use would not cause trouble. A measure, graduated to give the proper fuel charge to cure every repair exactly right, is furnished with the vulcanizer so that no watching or regulating is necessary. The asbestos inlaid tube plate is swiveled to insure uniform pressure being applied to all parts of repair and so that the largest tube can be mended without pinching the edges. Vulcanizing surface 10 square inches. Each

No. 31—Tube-Kit, Nickel Plated, Complete with Repair Material, Detachable Handle, Weight 4 Lbs., Packed in Small Strong Box for Carrying with Car \$2.50

SHALER SAFETY VUL-KIT

Type "G" Complete for Casings and Tubes.

Besides making every practicable kind of tube repairs, in the same way as with the Tube-Kit, the Safety Vul-Kit has 3 1/2 x 4 in. surface curved to fit any sized tire for mending casing injuries. This is very valuable because while tubes are only mended when the tire goes flat, casings always need attention. Small cuts neglected, quickly become blowouts. It is easy to mend a small cut while tire is on wheel. Simply fill cut with rubber, clamp on the vulcanizer and in a few minutes you have a permanent repair. Casings cost several times as much as tubes. As this vulcanizer produces no exposed flame it can be used



close under a fender without scorching the paint. The lamp, which burns either gasoline or alcohol, contains the fuel in such a way that it is impossible to spill blazing liquid even if the vulcanizer were accidentally upset. The fuel supply is limited to that required for perfect vulcanization.

Tube repairs are cured on an asbestos inlaid plate, 3 1/2 in. in diameter, which is swiveled so that uniform pressure is automatically applied to all parts of the repair.

No. 32—Safety Vul-Kit, Nickel Plated and Polished, Complete with Repair Material, Weight 4 1/2 Lbs., Packed in Strong Box for Carrying in Car \$4.50

RADIO PORTABLE

Heated with Either Gasoline or Alcohol.

This illustration shows our Radio Gasoline Vulcanizer (heated with either gasoline or alcohol) standing on running board of auto, ready for work all complete, with detachable wire handle, clamp and chains for fastening tube or casing.

Dimensions—Height 5 1/4 in., width 4 in. Size of box 7 1/2 x 5 1/4 x 4 1/2 in. Shipping weight about 7 lbs.

Hot Plate Polished or Nickel Plated.

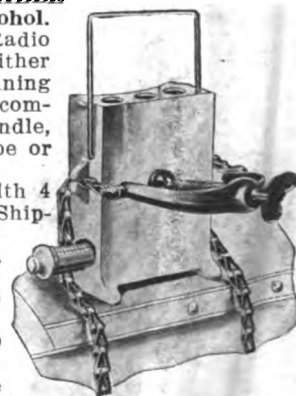
No. A—With Bench Clamp, Each \$4.00

No. B—Without Bench Clamp, Each \$4.00

Packed one in a wooden box, with clamp and removable wire handle

and a small quantity of repair gum, cement, paraffine paper, sand paper, ready for use. We guarantee vulcanizer to work perfectly.

This is by far the best and most practical alcohol heated vulcanizer on the market and guaranteed to work perfectly. The alcohol heater can be entirely removed for filling with alcohol. When operated the flame is entirely enclosed. One side of hot plate is flat, the other concave, for vulcanizing casings.



TIRE COVERS

CONGO INTERLOCK DOUBLE FLAP



**Finest Quality Black
Enameled Duck.**

High quality of material, snug fit, splendid workmanship.

Buttons easily and forms a natural watershed case.

Absolutely dustproof, adjustable to any make of tire.

Each
Congo Regular Style—All Sizes (for List of Sizes See Below)\$2.00

When ordering always state size tire cover is wanted for.

Congo Regular Style Sizes—30x3 inch, 30x3 ½ inch, 32x3 ½ inch, 33x4 inch and 34x4 inch.

Congo Demountable Rim Style—All Sizes (for List of Sizes See Below)\$2.50

When ordering always state size tire cover is wanted for.

Congo Demountable Rim Style Sizes—30x3 ½ inch, 32x3 ½ inch, 33x4 inch and 34x4 inch.

Note—Each Tire Case is Packed in a Handsome Enameled Duck Bag, Suitable for Holding Spare Inner Tubes.

FITZWELL SPRING FLAP



Finest Grade Black Enameled Duck.

Buttons along the rim of tire and is perfectly waterproof and dustproof construction.

Each
Regular Style—30x3 inches and 30x3 ½ inches.....\$1.20

Note—When ordering always state size tire cover is wanted for.
Packed One in a Paper Bag.

TIRE COVERS

GORDON SPECIAL HOLDER



The only weatherproof Tire Cover made for use with demountable rims and the new special holder with which so many cars are now fitted, such as the Reo, Buick, Overland, Maxwell, Hupmobile, Studebaker, Haynes, Chandler, Appleton, Dodge, Brisco, Page and many others.

This is the only Tire Cover made that will fit tires carried on special holder that is rightly in appearance and waterproof.

No. 1221—For Tires on Demountable Rims Carried on Special Holder. Each

32x3 ½ inch	.....	\$4.80
32x4 inch	.....	4.80
33x4 inch	.....	5.30
34x4 inch	.....	5.30

GORDON JEWEL



Overlaps on the inside of the tire and has a flat spring to close it tight and make it water-tight.

No. 5095—To Fit Tires Not on Demountable Rims.

For Tires, In....	28-30	31-32	33-34	35-36	37-38	Over 38
Each	.....	\$5.30	5.60	6.10	6.70	7.20 8.00

No. 5096—To Fit Tires on Demountable Rims.

For Tires, In....	28-30	31-32	33-34	35-36	37-38	Over 38
Each	.....	\$3.90	4.20	4.40	4.70	5.00 6.30

Note—When Ordering, Always State Size Tire Cover is Wanted For.

GORDON SPIRAL SPRING



This is a continuous casing that slips on the tire.

One side of the cover and then the other side slips on the tire and is held with Spiral Springs, smooth and perfect fitting.

No. 1292—To Fit Tires on Demountable Rims.

Gordon Spiral Demountable Style Sizes.

For Tires, In....	28-30	31-32	33-34	35-36	37-38	Over 38
Each	.....	\$5.40	5.60	6.20	6.70	7.20 8.50

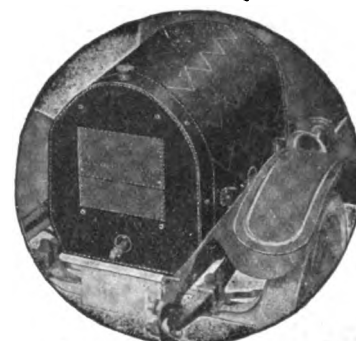
Note—When Ordering, Always State Size Tire Cover is Wanted For.

RADIATOR HOOD COVERS

CONGO

For Ford Cars.

Finest Quality Black
Enameled Duck, Lined with
Heavy Blanket Material,
Will Hold the Heat for a
Long Time.



When car is standing curtain is closed to hold heat.

No. 1—For Ford Cars Up to 1916.....	\$3.00
No. 2—For 1917 Ford Cars.....	3.40

WEATHERSTRIP FOR FORD CARS

GORDON



Keeps Out All Rain, Cold and Wind.

Closes Up Completely Space Between

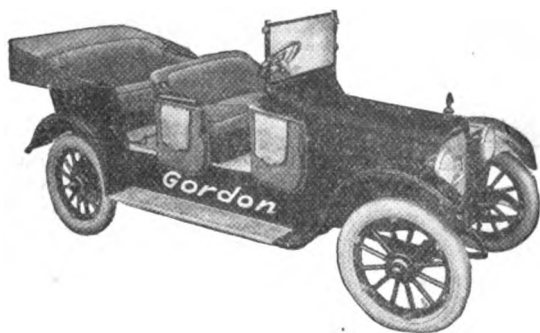
Top and Windshield.

No. 1405—Made of Heavy Black Rubber Cloth, Matching Material in Top	\$3.40
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Note—When Ordering, Always Give Year and Model of Car.

GORDON SEAT COVERINGS

Gordon Seat Coverings

**"Tailored to Fit"**

1000 Models of Automobiles

Cover the Cushions, Backs and Doors.

Pockets in Door Covers

Easily and quickly attached to any automobile.

Improve the "looks" 100 per cent.

Give cars a "dressed up" appearance that is envied by all.

Make old cars look like new.

Restore the new appearance to cushions that have become flattened out by long use.

Prolong the life of upholstery.

Protect clothes from streaks and spots.

Have no coloring matter to wear off and soil delicate garments.

Increase the joy of motoring.

Are more comfortable than leather or its imitations; cooler in summer and warmer in winter.

Are quickly cleaned with whisk broom or scrubbed with soap and water.

Give cars a better second-hand value than if the upholstery has not been protected.

Do not wear slippery.

Protect the upholstery from dust and dampness which ruins leather.

You will be dollars ahead if you put Seat Covers on your car.

Save time, patience, and expense of the dry cleaner.

Present a smooth, clean surface to the occupants.

Whisk them clean in a few seconds.

Add to the sales value of a used car.

Afford protection, comfort, pleasure and are an economy.

Style and Fit

Every Gordon Seat Cover is designed and made up with the same careful attention to detail as the finest garment.

We employ seat cover tailors,—they tailor every Gordon Seat Cover to fit perfectly so that the style never leaves it.

Trimmings

Trimmings are the best that money can buy; all seams and edges are bound with black upholstery leather; the arm rests are made of the same upholstery leather. The trimmings should not be confused with the cheaper enamelled goods bindings frequently used and which will peel off and crack in a short time, thus destroying the appearance of the covers.

Fastenings

Gordon Seat Covers are attached with glove fasteners—these come put in—anyone can attach

them to his car in half an hour's time—all you have to do is to screw in the studs—this is done with an ordinary screwdriver without injuring or marring the body in any way.

We use "celluloid covered" glove fasteners, made "extra strong,"—so that they will not fade, rust or wear out even when exposed to the weather as they constantly are on seat coverings.

Material

Many auto owners have purchased high-priced seat covers and had them wear full of holes in a short time.

Others had the seat cover material fade to a washed-out color.

Seat covers full of holes are useless, and faded seat covers look worse than no seat covers at all.

We determined to offer a seat cover that would wear for several seasons and would not fade,—and at a modest price.

We experimented with many fabrics,—tested them for wear,—tested them for color,—and we selected fabrics that stood the roughest wear and did not fade in the slightest degree.

We can supply these fabrics in various colors at a very modest price, for all the cars listed in this catalogue, and ship in three days' time. If your automobile is not mentioned, write for price and time of delivery.

Now that you can get a seat cover guaranteed to fit perfectly,—to give satisfactory wear and warranted fast color,—don't throw your money away on inferior coverings.

Buy Gordon No. 1074 Tan.

No. 1050 Gray.

No. 1032 Black and White.

No. 1027 Gray Diagonal.

Description of the Materials

No. 1046—Gray Mixture, will not fade or spot. Single texture, can be cleaned with gasoline, dry cleaned or laundered.

Has no arm rests or binding on seams.

No. 1000—Tan shade, waterproof material. The sun has a tendency to fade this material out in spots after a time and to any one wanting the tan colored material, we recommend the No. 1074.

No. 1027—Gray Diagonal, waterproof material, will not fade or spot; an excellent wearing fabric of splendid appearance, perfect match for linings of top on cars, such as Hudson, Cole, etc.

No. 1032—Gray Pin Check, waterproof material, neat and handsome design, met with instant favor and large sale; will not fade or spot; will give very satisfactory wear.

No. 1050—Gray Mixture, waterproof color, a very neat and serviceable pattern, a number that has a larger sale each season, will not fade or spot and wears exceptionally well.

No. 1074—Tan Mixture, waterproof material, with a rich color effect, will not fade or spot. Will give good wear and service; one of the most popular numbers.

Nos. 1000, 1027, 1032, 1050, 1074 are all double texture materials or two materials combined with rubber, making them water and dustproof and far superior to the lightweight single texture fabrics frequently offered at more money and which will not even keep out the dust let alone be waterproof. All these numbers can easily be cleaned with scrubbing brush, soap powder and water.

NOTE—Shipped Direct from Factory.

GORDON SEAT COVERINGS

"Gordon" Seat Cover Prices

List No. 86, September, 1916
For 1917 Season

			1046	1000	1027	1032	1050	1074
Abbott-D.	30-5-p	1911	21.00	26.00	31.00			
Abbott-D.	44-7-p	1912	25.00	30.00	38.00			
Abbott-D.	D-5-p	1913	21.00	26.00	31.00			
Abbott-D.	E-7-p	1913	25.00	30.00	36.00			
Abbott-D.	L-7-p	1914	25.00	30.00	36.00			
Abbott-D.	8-80-7-p	1916	25.00	30.00	36.00			
Abbott-D.	6-44-7-p	1916	25.00	30.00	36.00			
Allen	40-5-p	1914	21.00	26.00	31.00			
Allen	32-2-p	1915	10.00	12.00	14.00			
Allen	34-5-p	1915	17.00	20.00	25.00			
Allen	35-5-p	1915	17.00	20.00	25.00			
Allen	40-5-p	1915	21.00	26.00	31.00			
Allen	49-7-p	1915	25.00	30.00	36.00			
Allen	52-2-p	1916	10.00	12.00	14.00			
Allen	37-5-p	1916	17.00	20.00	25.00			
Alter	5-p	1915	17.25	20.75	25.25			
American	22B-2-p	1913	11.00	13.50	16.00			
Apperson	5-p	1913	21.00	26.00	31.00			
Apperson	6-45-5-p	1915	21.00	26.00	31.00			
Apperson	6-48-7-p	1916	19.00	23.50	28.25			
Apperson	6-16-4-p	1916	19.00	23.50	28.25			
Apperson	6-16-5-p	1916	19.75	24.75	30.00			
Apperson	6-16-7-p	1916	24.50	29.00	35.00			
Apperson	8-16-7-p	1916	24.50	29.00	35.00			
Arbuz	25-5-p	1915	21.00	26.00	31.00			
Auburn	40-5-p	1914	21.00	26.00	31.00			
Auburn	4-36-5-p	1915	21.00	26.00	31.00			
Auburn	6-40-6-p	1915	26.00	30.00	36.00			
Auburn	4-38-2-p	1916	10.50	12.75	15.00			
Auburn	6-40A-2-p	1916	10.50	12.75	15.00			
Auburn	4-38-5-p	1916	18.00	21.50	26.00			
Auburn	6-38-5-p	1916	18.00	21.50	26.00			
Auburn	6-40A-7-p	1916	24.50	29.00	35.00			
Briscoe	2-p	1915	10.50	12.75	15.00			
Briscoe	5-p	1915	17.00	20.00	25.00			
Briscoe	4-cyl-2-p	1916	9.75	11.50	13.75			
Briscoe	8-cyl-2-p	1916	9.75	11.50	13.75			
Briscoe	4-cyl-5-p	1916	17.00	19.00	24.00			
Briscoe	8-cyl-5-p	1916	17.00	19.00	24.00			
Briscoe	4-24-4-p	1917	17.00	19.00	24.00			
Briscoe	4-24-5-p	1917	17.00	19.00	24.00			
Buick	29-5-p	1912	19.75	24.75	30.00			
Buick	24-2-p	1913	9.75	11.50	13.75			
Buick	30-2-p	1913	10.50	12.75	15.00			
Buick	25-5-p	1913	17.25	20.75	25.25			
Buick	31-5-p	1913	19.75	24.75	30.00			
Buick	40-5-p	1913	21.00	26.00	31.00			
Buick	B24-2-p	1914	9.75	11.50	13.75			
Buick	B36-2-p	1914	10.50	12.75	15.00			
Buick	D25-5-p	1914	16.00	19.75	23.75			
Buick	D37-5-p	1914	17.25	20.75	25.25			
Buick	D57-7-p	1914	24.50	29.00	35.00			
Buick	C24-2-p	1915	9.50	11.25	13.25			
Buick	C36-2-p	1915	9.75	11.50	13.75			
Buick	C54-2-p	1915	10.50	12.75	15.00			
Buick	C25-5-p	1915	16.00	19.00	23.25			
Buick	C37-5-p	1915	17.25	20.75	25.25			
Buick	C55-7-p	1915	24.50	29.00	35.00			
Buick	D54-2-p	1916	10.50	12.25	15.00			
Buick	D44-2-p	1916	9.50	11.00	13.25			
Buick	D46-3-p	1916	10.50	12.25	15.00			
Buick	D47-5-p	1916	18.00	21.50	26.00			
Buick	D46-5-p	1916	18.00	18.50	23.25			
Buick	D55-7-p	1916	24.50	28.00	35.00			
Buick	D34-2-p	1917	9.00	10.50	12.75			
Buick	D35-5-p	1917	15.00	17.00	22.00			
Buick	D44-2-p	1917	9.50	11.00	13.25			
Buick	D45-5-p	1917	16.00	18.00	23.25			
Cadillac	Tor-4-p	1912	21.00	26.00	31.00			
Cadillac	T. C-5-p	1912	21.00	26.00	31.00			
Cadillac	2-p	1913	11.00	13.50	16.00			
Cadillac	Tor-4-p	1913	21.00	26.00	31.00			
Cadillac	Phae-4-p	1913	21.00	26.00	31.00			
Cadillac	T. C-5-p	1913	21.00	26.00	31.00			
Cadillac	T. C-6-p	1913	25.00	30.00	36.00			
Cadillac	2-p	1914	11.00	13.50	16.00			
Cadillac	Phae-4-p	1914	21.00	26.00	31.00			
Cadillac	T. C-5-p	1914	21.00	26.00	31.00			
Cadillac	T. C-7-p	1914	25.00	30.00	36.00			
Cadillac	51-2-p	1915	11.00	13.50	16.00			
Cadillac	Salon-5-p	1915	20.00	23.00	30.00			
Cadillac	T. C-6-p	1915	19.00	22.00	29.00			
Cadillac	T. C-7-p	1915	24.50	28.00	35.00			
Cadillac	2-p	1916	10.50	12.25	15.00			

			1046	1000	1027	1032	1050	1074
Cadillac	Cab-3-p	1916	11.00	13.50	16.00			
Cadillac	Salon-5-p	1916	20.00	23.00	30.00			
Cadillac	7-p	1916	28.00	27.00	34.00			
Cadillac	2-p	1917	10.50	12.25	15.00			
Cadillac	Phae-4-p	1917	20.00	23.00	30.00			
Cadillac	Road-4-p	1917	20.00	23.00	30.00			
Cadillac	T. C-7-p	1917	23.00	27.00	34.00			

Cartercar	9-5-p	1915	19.75	24.75	30.00			
Case	25-5-p	1914	18.00	20.50	26.00			
Case	35-5-p	1914	20.00	25.00	30.00			
Case	40-5-p	1914	20.00	25.00	30.00			
Case	30-5-p	1915	20.00	25.00	30.00			
Case	25-5-p	1915	18.00	20.50	26.00			
Case	35-5-p	1915	20.00	25.00	30.00			
Case	40-5-p	1915	20.00	25.00	30.00			
Case	40-7-p	1916	24.50	29.00	35.00			

Chalmers	36-2-p	1912	11.00	13.00	15.00			
Chalmers	2-p	1913	11.00	13.00	15.00			
Chalmers	36-4-p	1913	21.00	26.00	31.00			
Chalmers	6-4-p	1913	21.00	26.00	31.00			
Chalmers	36-5-p	1913	21.00	26.00	31.00			
Chalmers	6-5-p	1913	21.00	26.00	31.00			
Chalmers	36-7-p	1913	26.00	31.00	37.00			
Chalmers	6-7-p	1913	26.00	31.00	37.00			
Chalmers	38-19-4-p	1914	21.00	26.00	31.00			
Chalmers	6-24-4-p	1914	21.00	26.00	31.00			
Chalmers	38-19-5-p	1914	21.00	26.00	31.00			
Chalmers	6-26-5-p	1914	21.00	26.00	31.00			
Chalmers	6-24-5-p	1914	21.00	26.00	31.00			
Chalmers	6-24-6-p	1914	26.00	31.00	37.00			
Chalmers	29-4-p	1915	21.00	26.00	31.00			
Chalmers	26B-5-p	1915	19.00	22.00	28.25			
Chalmers	32-5-p	1915	19.00	22.00	28.25			
Chalmers	29-5-p	1915	21.00	26.00	31.00			
Chalmers	26A-5-p	1915	19.00	22.00	28.25			
Chalmers	6-26B-7-p	1915	24.00	28.00	34.00			
Chalmers	29-7-p	1915	26.00	31.00	37.00			
Chalmers	32-3-p	1916	10.50	12.75	15.00			
Chalmers	32-6-40-5-p	1916	18.00	21.50	26.75			
Chalmers	29 M 6-5-p	1916	21.00	26.00	31.00			
Chalmers	6-30-5-p	1916	18.00	21.00	26.00			
Chalmers	32-6-40-7-p	1916	24.50	28.00	35.00			
Chalmers	26B6-48-7-p	1916	24.50	28.00	35.00			
Chalmers	26C-7-p	1916	24.50	28.00	35.00			
Chalmers	29 M 6-7-p	1916	26.00	31.00	37.00			
Chalmers	5-15-5-p	1917	17.25	20.00	25.00			
Chalmers	7-22-7-p	1917	24.50	28.00	35.00			

Chandler	6-15-5-p	1914	20.00	24.00	29.00			
Chandler	6-14-5-p	1914	20.00	24.00	29.00			
Chandler	6-2-p	1915	10.50	12.75	15.00			
Chandler	6-5-p	1915	20.00	24.00	29.00			
Chandler	16-6-7-p	1915	24.50	28.00	35.00			
Chandler	6-2-p	1916	10.50	12.75	15.00			
Chandler	6-7-p	1916	23.75	27.00	34.00			
Chandler	17-4-p	1917	16.00	19.00	23.25			
Chandler	17-7-p	1917	23.75	27.00	34.00			

Chevrolet	H-2-2-p	1914	9.50	11.25	13.25			
Chevrolet	H-4-5-p	1914	17.00	20.00	25.00			
Chevrolet	6-L-5-p	1914	20.00	25.00	30.00			
Chevrolet	Mon-2-p	1915	9.00	11.00	13.00			
Chevrolet	H-2-2-p	1915	9.50	11.25	13.25			
Chevrolet	Clia 6-5-p	1915	20.00	25.00	30.00			
Chevrolet	H-4-5-p	1915	17.00	20.00	25.00			
Chevrolet	6-L-5-p	1915	20.00	25.00	30.00			
Chevrolet	Mon-2-p	1916	9.00	11.00	13.00			
Chevrolet	H-2-2-p	1916	9.00	11.00	13.00			
Chevrolet	H-2-4-2-p	1916	9.00	11.00	13.00			
Chevrolet	490-2-p	1916	9.00	11.00	13.00			
Chevrolet	490-5-p	1916	14.50	17.00	22.00			
Chevrolet	H-4-5-p	1916	16.00	18.50	23.25			

Cole	40T-5-p	1913	21.00	26.00	31.00
Cole	50T-7-p	1913	26.00	31.00	37.00
Cole	60T-7-p	1913	26.00	31.00	37.00
Cole	40J-2-p	1914	12.00	13.00	15.00
Cole	50G-5-p	1914	21.00	26.00	31.00
Cole	60G-5-p	1914	21.00	26.00	31.00
Cole	60G-7-p	1914	26.00	31.00	37.00
Cole	40-2-p	1915	12.00	13.00	15.00
Cole	10-4-5-p	1915	21.00	26.00	31.00
Cole	Lit. 10-6-5-p	1915	21.00	26.00	31.00
Cole	8-50-6-p	1915	26.00	31.00	37.00
Cole	Big 10-6-G-7-p	1915	26.00	31.00	37.00
Cole	6-50 S 8-7-p	1915	26.00	31.00	37.00
Cole	8-50-7-p	1915	26.00	31.00	37.00
Cole	449 J-2-p	1916	12.00	13.00	15.00
Cole	850 J-2-p	1916	12.00	13.00	15.00
Cole	10-G-7-p	1916	26.00	31.00	37.00
Cole	850-G-7-p	1916	26.00	31.00	37.00
Cole	666-7-p	1916	26.00	31.00	37.00
Cole	8-60-7-p	1916	26.00	31.00	37.00
Cole	Round-4-p	1917	20.00	23.00	30.00
Cole	7-p	1917	26.00	30.00	37.00

GORDON SEAT COVERINGS

			1046	1000	1027	1032	1050	1074
Hudson	6-40-2-p	1914	10.50	12.75	15.00			
Hudson	6-40-5-p	1914	21.00	26.00	31.00			
Hudson	6-40-6-p	1914	25.00	29.00	35.00			
Hudson	54-7-p	1914	26.00	31.00	37.00			
Hudson	6-40-2-p	1915	10.50	12.75	15.00			
Hudson	6-40 Cab-3-p	1915	10.50	12.75	15.00			
Hudson	6-40-6-p	1915	24.50	29.00	35.00			
Hudson	6-54-7-p	1915	26.00	31.00	37.00			
Hudson	Sup-Six-2-p	1916	10.50	12.75	15.00			
Hudson	6-40-3-p	1916	10.50	12.75	15.00			
Hudson	6-40 Cab-3-p	1916	10.50	12.75	15.00			
Hudson	SS Cab-3-p	1916	10.50	12.75	15.00			
Hudson	6-40-7-p	1916	23.00	27.00	34.00			
Hudson	6-54-7-p	1916	26.00	31.00	37.00			
Hudson	Sup-Six-7-p	1916	23.00	27.00	34.00			
Hudson	SS Sed-7-p	1916	26.00	31.00	37.00			
Hudson	6-40 Sed-7-p	1916	26.00	31.00	37.00			
Hudson	SS-2-p	1917	10.50	12.75	15.00			
Hudson	SS Cab-3-p	1917	10.50	12.75	15.00			
Hudson	SS Sed-7-p	1917	26.00	31.00	37.00			
Hudson	SS T C-7-p	1917	23.00	27.00	34.00			
Hupmobile	32-2-p	1912	9.75	11.50	14.00			
Hupmobile	20-2-p	1912	9.75	11.50	14.00			
Hupmobile	H-5-p	1912	16.00	19.00	22.50			
Hupmobile	32-2-p	1913	9.75	11.50	14.00			
Hupmobile	32-5-p	1913	16.00	19.00	22.50			
Hupmobile	32-6-p	1913	21.00	26.00	31.00			
Hupmobile	32-2-p	1914	9.75	11.50	14.00			
Hupmobile	Coup-2-p	1914	9.75	11.50	14.00			
Hupmobile	32-5-p	1914	16.00	19.00	22.50			
Hupmobile	32-6-p	1914	21.00	26.00	31.00			
Hupmobile	32-2-p	1915	9.75	11.50	14.00			
Hupmobile	K-2-p	1915	10.00	12.25	14.75			
Hupmobile	32-5-p	1915	16.00	19.00	22.50			
Hupmobile	K-5-p	1915	16.75	20.00	24.25			
Hupmobile	N-2-p	1916	9.75	11.50	14.00			
Hupmobile	N-5-p	1916	15.00	19.00	23.00			
Hupmobile	N-7-p	1916	23.00	28.00	34.00			
Hupmobile	2-p	1917	9.75	11.50	14.00			
Hupmobile	5-p	1917	15.00	19.00	23.00			
Hupmobile	7-p	1917	23.00	28.00	34.00			
Hupmobile	Sed-5-p	1917	21.00	26.00	31.00			
Imperial	64-5-p	1916	21.00	26.00	31.00			
Imperial	66-5-p	1916	21.00	26.00	31.00			
Interstate	45-5-p	1913	21.00	26.00	31.00			
Interstate	46-7-p	1914	26.00	31.00	37.00			
Interstate	30-T-2-p	1915	9.75	11.50	13.75			
Interstate	30-T-5-p	1915	16.00	19.75	23.75			
Interstate	30-T-2-p	1916	9.75	11.50	13.75			
Interstate	30-T-5-p	1916	16.00	19.75	23.75			
Jackson	44-5-p	1915	21.00	26.00	31.00			
Jackson	348-5-p	1916	21.00	26.00	31.00			
Jackson	68-7-p	1916	26.00	31.00	37.00			
Jeffrey	42-4-5-p	1914	19.00	23.50	28.25			
Jeffrey	6-5-p	1914	19.00	23.50	28.25			
Jeffrey	ET Lt-4-5-p	1915	19.00	23.50	28.25			
Jeffrey	Ches 6-5-p	1915	19.00	23.50	28.25			
Jeffrey	6-48-5-p	1916	21.00	26.00	31.00			
Jeffrey	Ches 6-5-p	1916	18.00	22.25	26.75			
Jeffrey	6-7-p	1916	24.50	29.00	35.00			
Jeffrey	G-4-7-p	1916	24.50	29.00	35.00			
Jeffrey	6-7-p	1917	24.50	29.00	35.00			
King	5-p	1913	18.00	21.75	26.50			
King	2-p	1914	10.50	12.75	15.00			
King	B-5-p	1914	18.00	21.75	26.50			
King	8-cyl-2-p	1915	10.50	12.75	15.00			
King	C-5-p	1915	18.00	21.75	26.50			
King	8-cyl-5-p	1915	18.00	21.75	26.50			
King	D 8-cyl-5-p	1916	16.00	20.50	25.00			
King	8-2-p	1916	9.75	11.50	13.75			
King	8-5-p	1916	16.00	20.50	25.00			
King	E Sedan-5-p	1916	19.00	21.75	26.50			
King	E-7-p	1916	24.00	28.00	34.00			
Krit	KR-2-p	1912	9.75	11.50	13.75			
Krit	5-p	1912	18.00	21.75	26.50			
Krit	KR-2-p	1913	9.75	11.50	13.75			
Krit	5-p	1913	18.00	21.75	26.50			
Krit	5-p	1914	18.00	21.75	26.50			
Krit	O-5-p	1915	18.00	21.75	26.50			
Kissell	30-2-p	1912	10.50	12.75	15.00			
Kissell	4-36-5-p	1915	19.00	24.00	28.25			
Kissell	6-42-5-p	1915	19.00	24.00	28.25			
Kissell	4-36 2 d-5-p	1915	21.00	26.00	31.00			
Kissell	6-42 2 d-5-p	1915	21.00	26.00	31.00			
Kissell	6-48 2 d-5-p	1915	21.00	26.00	31.00			
Kissell	6-60 2 d-5-p	1915	21.00	26.00	31.00			
Kissell	4-36 3 d-7-p	1915	26.00	31.00	37.00			
Kissell	6-42 3 d-7-p	1915	26.00	31.00	37.00			
Kissell	Rd 6-42-4-p	1916	19.75	24.75	30.00			
Kissell	6-42-5-p	1916	19.00	24.00	28.25			
Kissell	4-32 4 d-5-p	1916	20.00	25.00	30.00			
Kissell	6 4 d-5-p	1916	20.00	25.00	30.00			
Kissell	6-42 4 d-7-p	1916	26.00	31.00	37.00			
Kissell	6-42 8 d-7-p	1916	26.00	31.00	37.00			
Kissell	6-38-5-p	1917	18.00	22.00	26.50			
Lewis	VI 6-cyl-6-p	1915	26.00	31.00	37.00			
Lewis	VI 6-cyl-6-p	1916	26.00	31.00	37.00			
Lexington	4-5-p	1914	21.00	26.00	31.00			
Lexington	K4-6-p	1916	18.00	21.75	26.50			
Lexington	MMF-5-p	1916	18.00	21.75	26.50			
Lexington	MM 6-5-p	1917	18.00	21.75	26.50			
Liberty	6-5-p	1917	18.00	21.75	26.50			
Little Four	2-p	1913	9.75	11.50	13.75			
Lozier	4-cyl-84-7-p	1914	26.00	31.00	37.00			
Lozier	6-cyl-82-7-p	1916	26.00	31.00	37.00			
Madison	6-5-p	1916	21.00	26.00	31.00			
Madison	6-7-p	1916	26.00	31.00	37.00			
Marion	4-BF-5-p	1914	21.00	26.00	31.00			
Marion	6-G-5-p	1914	21.00	26.00	31.00			
Marion	6-cyl-3-p	1916	10.50	12.75	15.00			
Marion	6-cyl-5-p	1916	19.00	23.50	28.25			
Marmon	6-41-2-p	1915	11.00	12.00	14.00			
Marmon	6-41-4-p	1915	21.00	26.00	31.00			
Marmon	6-41-5-p	1915	21.00	26.00	31.00			
Marmon	6-41-7-p	1915	26.00	31.00	37.00			
Marmon	6-41-3-p	1916	11.00	12.00	14.00			
Marmon	34-5-p	1916	20.00	25.00	30.00			
Marmon	6-41-7-p	1916	26.00	31.00	37.00			
Marmon	34-7-p	1916	24.50	29.00	35.00			
Mathison	7-p	1911	26.00	31.00	37.00			
Maxwell Spec	36-5-p	1912	18.00	21.75	26.50			
Maxwell	25-2-p	1914	9.50	11.00	13.25			
Maxwell	25-5-p	1914	16.50	20.00	24.00			
Maxwell	35-5-p	1914	18.50	21.75	26.50			
Maxwell	6-50-7-p	1914	26.00	31.00	37.00			
Maxwell	Cab-2-p	1915	10.00	12.00	14.50			
Maxwell	25-2-p	1915	9.50	11.00	13.25			
Maxwell	25-5-p	1915	14.50	17.50	21.25			
Maxwell	Cab-2-p	1916	9.00	11.00	13.00			
Maxwell	25-2-p	1916	8.50	10.50	12.25			
Maxwell	25-5-p	1916	14.50	17.50	22.00			
Maxwell	2-p	1917	8.50	10.50	12.25			
Maxwell	5-p	1917	14.50	17.50	22.00			
McIntyre	6-40-5-p	1914	21.00	26.00	31.00			
McIntyre	35-5-p	1915	21.00	26.00	31.00			
Mercer	22-70-2-p	1915	11.00	13.00	15.50			
Mercer	22-70-4-p	1915	21.00	26.00	31.00			
Meteor	4-cyl-38-5-p	1915	21.00	26.00	31.00			
Metz	2-p	1911	10.00	12.00	14.00			
Metz	22-2-p	1915	9.50	11.25	13.25			
Metz	25-5-p	1915	16.00	19.00	23.25			
Metz	22-2-p	1916	9.50	11.25	13.25			
Metz	25-5-p	1916	16.00	19.00	23.25			
Michigan	33-J-5-p	1913	21.00	26.00	31.00			
Michigan	40-R-5-p	1913	21.00	26.00	31.00			
Mitchell	4-cyl-5-p	1911	21.00	26.00	31.00			
Mitchell	4-cyl-5-p	1913	21.00	26.00	31.00			
Mitchell	Lit 6-5-p	1913	21.00	26.00	31.00			
Mitchell	Big 6-5-p	1913	21.00	26.00	31.00			
Mitchell	6-2-p	1914	10.50	12.75	15.00			
Mitchell	Lit 6-5-p	1914	21.00	26.00	31.00			
Mitchell	Big 6-5-p	1914	21.00	26.00	31.00			
Mitchell	4-cyl-5-p	1914	21.00	26.00	31.00			
Mitchell	Lit 6-6-p	1914	26.00	31.00	37.00			
Mitchell	B-35-2-p	1915	9.75	11.50	13.75			
Mitchell	L4-35-5-p	1915	18.00	21.75	26.50			
Mitchell	B-45-5-p	1915	18.00	21.75	26.50			
Mitchell	L4-35-6-p	1915	24.50	29.00	35.00			
Mitchell	6-45-6-p	1915	24.50	29.00	35.00			
Mitchell	Spec 6-6-p	1915	24.50	29.00	35.00			
Mitchell	C-2-42-2-p	1916	9.75	11.50	13.75			
Mitchell	B-2-42-2-p	1916	9.75	11.50	13.75			
Mitchell	3-p	1916	9.75	11.50	13.75			
Mitchell	C-5-42-5-p	1916	16.00	20.50	25.00			
M								

GORDON SEAT COVERINGS

			1046	1000	1027	1032	1050	1074
R. C. H.	2-p	1912	11.00	13.25	15.50			
R. C. H.	5-p	1912	18.00	21.75	26.50			
R. C. H.	2-p	1913	11.00	13.25	15.50			
R. C. H.	5-p	1913	18.00	21.75	26.50			
R. C. H.	5-p	1915	18.00	21.75	26.50			
Read	30 T C-5-p	1914	20.00	25.00	30.00			
Regal	N-2-p	1913	10.50	12.75	15.50			
Regal	T-5-p	1913	18.00	21.75	26.50			
Regal	N-2-p	1914	10.50	12.75	15.50			
Regal	T-5-p	1914	18.00	21.75	26.50			
Regal	C-5-p	1914	18.00	21.75	26.50			
Regal	D-2-p	1915	10.50	12.75	15.50			
Regal	D-5-p	1915	18.00	20.50	25.00			
Regal	Light 4-5-p	1915	16.00	19.00	22.50			
Regal	E-5-p	1915	18.00	19.00	23.25			
Regal	Eight-5-p	1915	18.00	20.50	25.00			
Regal	D-5-p	1916	18.00	20.50	26.00			
Reo	5-p	1912	18.00	21.75	26.50			
Reo	2-p	1913	9.75	11.50	13.75			
Reo	5-p	1913	18.00	21.75	26.50			
Reo	2-p	1914	9.75	11.50	13.75			
Reo	5-p	1914	18.00	21.75	26.50			
Reo	2-p	1915	9.75	11.50	13.75			
Reo	R-4-cyl	1915	16.00	20.00	25.00			
Reo	M-6-cyl	1915	18.00	21.00	26.00			
Reo	4-cyl	1916	9.75	11.50	13.75			
Reo	6-cyl	1916	17.25	20.75	25.25			
Reo	4-cyl	1916	17.25	20.75	25.25			
Reo	6-cyl	1916	23.75	26.00	34.00			
Reo	S-4-cyl	1917	9.75	11.50	13.75			
Reo	N-6-cyl	1917	17.25	20.75	25.25			
Reo	R-4-cyl	1917	17.25	20.75	25.25			
Reo	M-6-cyl	1917	23.75	26.00	34.00			
Saxon	2-p	1914	8.50	10.00	12.00			
Saxon	2-p	1915	8.50	10.00	12.00			
Saxon	B-6-cyl	1915	16.00	20.50	25.00			
Saxon	B-2-p	1916	8.50	10.00	12.00			
Saxon	6-cyl	1916	9.75	11.50	13.75			
Saxon	3-p	1916	10.50	12.00	15.00			
Saxon	B-6-cyl	1916	15.50	19.75	23.75			
Scripps-Booth	3-p	1915	9.75	11.00	13.75			
Scripps-Booth	3-p	1916	9.75	11.00	13.75			
Sphinx	5-p	1915	18.00	20.50	25.00			
Sphinx	B-5-p	1916	18.00	20.50	25.00			
Sterns	L-4-5-p	1916	17.25	20.75	25.25			
Sterns	B-4 Coupe	1916	11.00	13.50	16.50			
Stewart	7-p	1916	26.00	31.00	37.00			
Studebaker	20-5-p	1912	15.00	19.00	23.00			
Studebaker	30-5-p	1912	15.00	19.00	23.00			
Studebaker	25-2-p	1913	10.00	12.25	14.75			
Studebaker	25-5-p	1913	15.00	19.00	23.00			
Studebaker	35-6-p	1913	22.00	26.00	32.00			
Studebaker	6-6-p	1913	22.00	26.00	32.00			
Studebaker	4-5-p	1914	15.00	19.00	23.00			
Studebaker	6-6-p	1914	22.00	26.00	32.00			
Studebaker	4-3-p	1915	10.00	12.25	14.75			
Studebaker	4-5-p	1915	15.00	18.50	22.50			
Studebaker	6-5-p	1915	15.25	18.75	22.75			
Studebaker	6-7-p	1915	22.00	26.00	32.00			
Studebaker	17-3-p	1916	10.00	12.00	14.75			
Studebaker	4-7-p	1916	22.00	26.00	32.00			
Studebaker	6-7-p	1916	22.00	26.00	32.00			
Studebaker	17-7-p	1916	22.00	26.00	32.00			
Stutz	H. C. S-2-p	1915	11.00	13.00	16.00			
Stutz	4-cyl	1915	11.00	13.00	16.00			
Stutz	6-cyl	1915	26.00	31.00	37.00			
Stutz	Ser C-2-p	1916	11.00	13.00	16.00			
Stutz	B D S-4-p	1916	17.25	20.75	25.25			
Thomas	7-p	1911	26.00	31.00	37.00			
Vellie	9, 4-45-4-p	1914	19.75	24.75	30.00			
Vellie	10, 6-50-4-p	1914	19.75	24.75	30.00			
Vellie	12-4-cyl	1914	19.75	24.75	30.00			
Vellie	9, 4-45-5-p	1914	19.75	24.75	30.00			
Vellie	10, 6-50-5-p	1914	19.75	24.75	30.00			
Vellie	12, 4-cyl	1915	19.75	24.75	30.00			
Vellie	14, 6-cyl	1915	19.75	24.75	30.00			
Vellie	15, 6-cyl	1915	19.75	24.75	30.00			
Vellie	6-22-5-p	1916	17.25	20.75	25.25			
Vellie	15, 6-cyl	1916	19.75	24.00	30.00			
Vellie	15, 6-cyl	1916	22.00	26.00	32.00			
Vellie	15, 6-cyl	1916	22.00	26.00	32.00			
Vellie	15-7-p	1916	22.00	26.00	32.00			
Vellie	28, 6-cyl	1917	19.75	23.00	30.00			
Vellie	27, 6-cyl	1917	23.75	26.00	34.00			
Vulcan	33-5-p	1915	19.75	24.75	30.00			
Wahl	5-p	1915	19.75	24.75	30.00			
Westcott	6-50-7-p	1914	26.00	31.00	37.00			
Westcott	O-35-5-p	1915	20.00	25.00	30.00			
Westcott	U-50-7-p	1915	26.00	31.00	37.00			
Westcott	6-41-5-p	1916	20.00	25.00	30.00			
Westcott	6-51-7-p	1916	26.00	31.00	37.00			
Willys-Kt	84 84B-2-p	1916	8.50	10.50	12.50			
Willys-Kt	84 84B-5-p	1916	14.75	18.00	22.00			
Willys-Kt	88-4-7-p	1917	23.00	26.00	30.00			
Winton	21A-5-p	1916	21.00	26.00	31.00			



Gordon Top Slip Cover to Match Seat Covers

We can furnish a top slip cover to match seat covers, and for this an extra charge is made.

	Nos.	5029	5018	5057
Top Slip Cover, match Ford only.....		3.00	3.50	4.50
Top Slip Cover, match any car except Ford.....		4.00	4.50	6.25
5029 matches 1046 Seat Cover.				5042
5018 matches 1000 Seat Cover.				5062
5062 matches 1032 Seat Cover.				5057
5057 matches 1027 Seat Cover.				5035

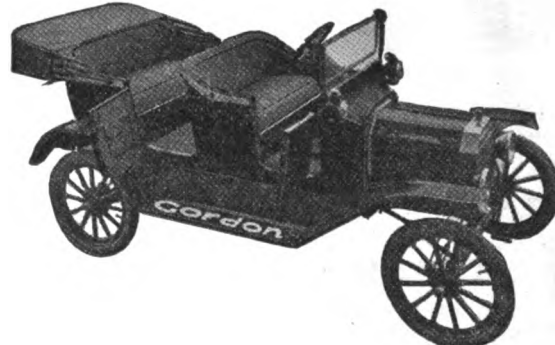


Gordon Extra Piece for Back of Front Seat

We furnish a cover for the back of the front seat, with a large pocket. For this an extra charge is made.

	Nos.	1046	1000	1027
Piece to cover back of front seat with pocket for any car.....		1.80	2.00	2.75
				1032
				1050
				1074

Ford Seat Covers



No. 1002. This Seat Cover is made of a tan color double texture waterproofed material. It will give good service, but the color is not guaranteed. Same material as No. 1000.

Trimnings are arm rests of English grain patent leather finish, binding to match on the door pieces only; attached with glove fasteners and cleaned with soap and water and a brush.

For Ford Touring Car.....	\$7.85
For Ford Runabout.....	4.45
Top Slip Cover.....	2.45
Piece to cover back of front seat, with pocket.....	1.15

No. 1004. This Seat Covering is made of gray single texture material, can be cleaned with gasoline, as it has no leather trimmings; attached with glove fasteners; made of same material as No. 1046.

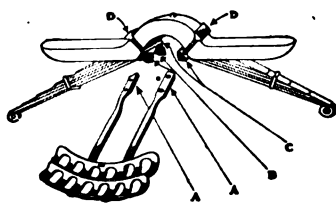
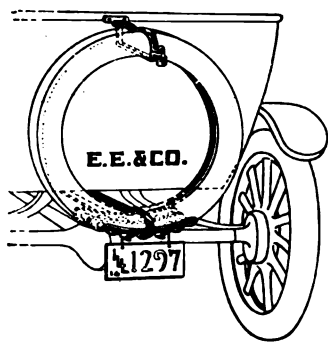
For Ford Touring Car.....	\$7.15
For Ford Runabout.....	4.25
Top Slip Cover.....	2.05
Piece to cover back of front seat, with pocket.....	1.05

Gordon Seat Covers are attached with glove fasteners,—these come put in,—any one can attach them to his car in half an hour's time. All you have to do is to screw in the studs. This is done with an ordinary screwdriver without injuring or marring the body in any way.

NOTE—Shipped Direct from Factory.

REAR TIRE HOLDERS

FOR FORD CARS

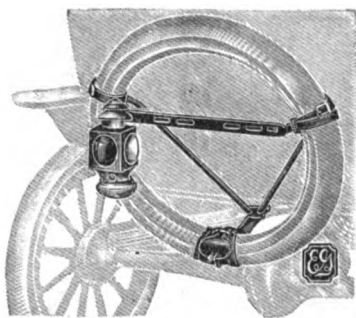


Cuts Showing Application.

No. 400—Made of Extra Heavy Malleable Iron and Steel, Finished in High Grade Black Rubber Finish, with Strap. Each \$4.00

This is the last word in Tire Holder construction. Will hold two tires or two demountable rims with tires. Guaranteed to last a lifetime. Easy to attach. Full directions for attaching with each outfit. Any padlock can be used to lock tires.

REAR TIRE HOLDER, LICENSE AND LAMP BRACKET



FOR FORD CARS

Attached by clamping it with one set of clips around the strong joint formed where the rear spring is bolted to the frame—no holes to drill. The hanger is a malleable casting, ground and well finished. The adjustable arms are made of $\frac{1}{8}$ inch steel rod, with malleable racks.

The License and Lamp Bracket are a steel stamping, bolted to the arms. Baked black enameled finish. Each set packed in a corrugated board box. Weight per set $12\frac{1}{2}$ lbs.

No. 5701—With Rear Tire Holder, License and Lamp Bracket Each \$6.48

SWITCH LOCKS

"BASCO," FOR FORD CARS



Very neat in appearance, beautifully finished in black and brass, practically indestructible.

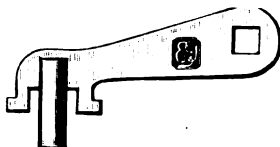
Has flat disc tumblers which cannot possibly stick or get out of order. The arrangement of these disc tumblers is such that it is impossible to pick the lock.

The installation is so simple that no mechanical skill is required.

No. SW—Basco, Ford Switch Lock Each \$4.70

SWITCH KEYS

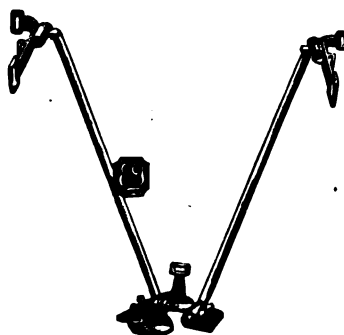
FOR FORD CARS



Steel stamping, two-piece, brassed. Switch Key of this type adopted by the Ford Motor Company, beginning with 1914 models. Can also be used as a gas tank opener.

No. 6212—Stamped Steel, Two-Piece, Brassed Per Dozen \$1.20

RUNNING BOARD TIRE HOLDERS



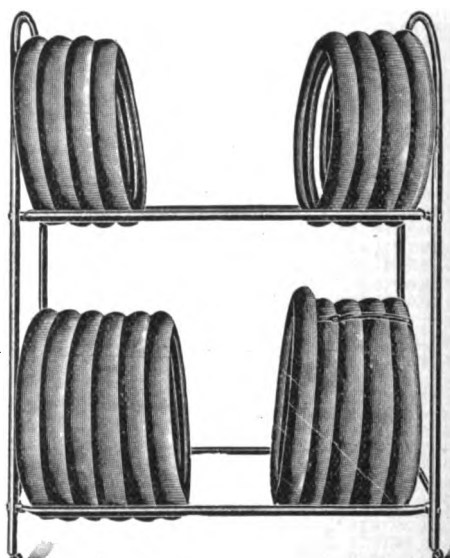
Running Board Tire Holder of refined design; built light and strong. The combination base and tire cradle is a sturdy malleable casting, ground smooth and well finished. The adjustable arms are made of steel rod, with ground malleable racks.

Base 7 inches long (open) and $3\frac{1}{4}$ inches (closed); arms $21\frac{1}{8}$ inches. Baked black enameled finish. For one or two tires up to $5\frac{1}{2}$ inch. Each set packed in a heavy corrugated board box. Weight about 10 lbs.

No. 5703—Running Board Tire Holder Per Set \$3.80

PORTABLE TIRE RACK

CYCLONE



Displays Your Automobile Tires where They Will Command Attention.

Specifications.

Made of heavy steel tubing $1\frac{1}{2}$ inches in diameter. Frame stands 76 inches high and 5 feet long. Bottom rack is 22 inches inside and 7 inches from floor. Top rack is 18 inches inside and 38 inches from bottom rack. Top and bottom racks are each made of one continuous piece with 4 bends, securely bolted to upright end pieces and fastened with

pressed steel corner fittings. Uprights are provided with four two-wheel casters, making it very easy to move load of tires from one place to another. Total capacity for mixed sizes of tires, thirty. Rack will carry tires any size from 30 to 42 inch.

No. 1—Painted with Heavy Coat of Gray Lead-and-Oil Paint Each \$10.50
Shipped Knocked Down.

SWITCH LOCKS

B. M.

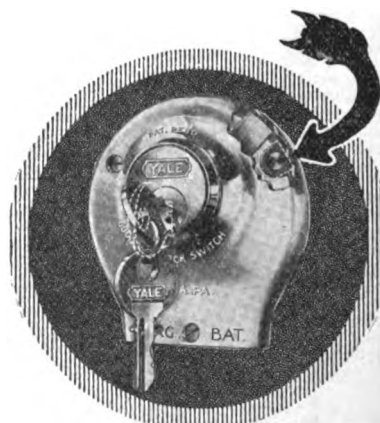
FOR FORD CARS.

For Fords with the metal coil box.

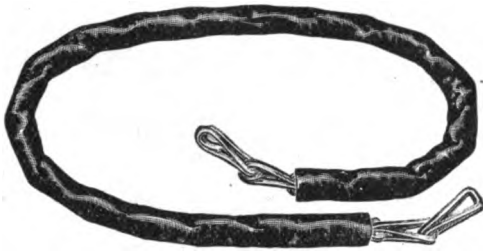
Replaces the cap on the switch, conceals its own screws and cannot be removed.

Positively cannot be bridged or picked.

A lock that is locked without effort so it will not be omitted when the car is left for only a minute.



No. BM—Ford Switch Lock Each \$4.70

"SAFETY FIRST" SPARE TIRE GUARDS

"Hodell" Link, Tensile Strength 400 Lbs., Luminized, the 'Satin Finish that Defies Corrosion, Leather Covered.

This is a patent flat link chain that combines extreme flexibility and neatness with great strength. It has an open link at each end to take the hasp of a padlock.

No. 1—36 inches Long, Leather Covered, Particularly Suitable for Securing Two Tires Carried Together. \$11.30
In use the tire guard is passed around the tire and some convenient part of the machine itself and locked on.

Per Dozen

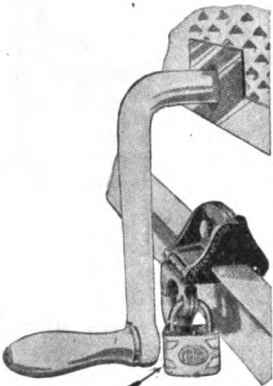
PADLOCKS FOR AUTO TIRE CHAIN

No. 3901—2 inch, Solid Brass Case, Polished, Formed Brass Key Cylinder, Steel Rod Automatic Action Shackle, Positive Stop on Case, Locks Both Sides of Shackle Nose, Key Changes All Different, 2 Heavy Rolled Steel Nickel Plated Keys. \$6.00

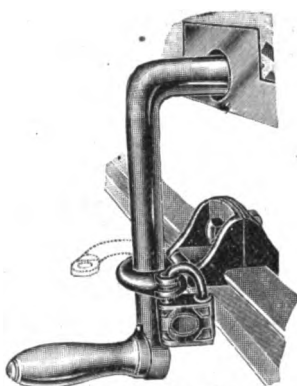
Per Dozen

AUTO CRANK LOCKS

B. & W.



Cut Showing Crank Unlocked.



Cut Showing Crank Locked.

For FORD and Other Makes of Automobiles.

B. & W.—Black Enameled, Complete with Strong Lock and 2 Keys. \$1.40

Absolutely locks the crank in engagement with crank shaft, making it an impossibility to start motor by pushing car or by jacking up the rear wheels. Can be attached by anyone in 10 minutes' time. It also protects the car against theft when left in the garage.

To attach the B. & W. Crank Lock, bolt to front axle, then draw up tight, having nut on inside, then rivet over bolt onto nut.

STARTING CRANK HANDLE HOLDER

Niagara—Made of Sole Leather, Adjustable to Any Size, Holds Handle in Any Position. \$0.70

Per Dozen

SAFE GUARD LOCK

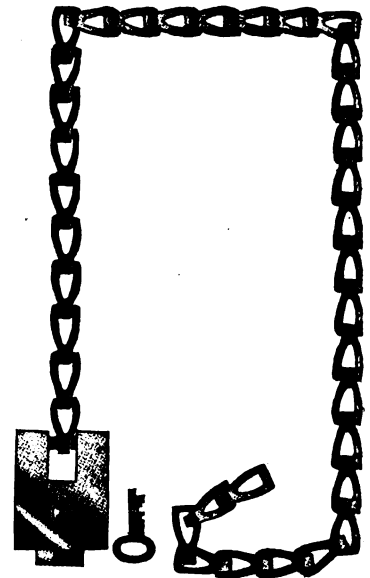
For Safeguarding Robes, Coats, Tires, Etc.

No. 25—With 25 inch Case Hardened Steel Chain \$16.00

No. 40—With 40 inch Case Hardened Steel Chain 18.00

Easy to put on, takes but a few seconds, locking at any link of the chain, won't tear or wear the articles secured. To lock push the slide. To unlock use key.

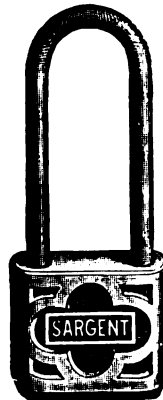
Protect your tires with the Safe Guard Lock. Fits any place, needs no extra equipment and can be used any place. Also used as a baggage guard by passing the chain through the handles of bags.

**AUTO PADLOCKS**

Extra Strong and Heavy.

No. 948P—1 1/2 inch, Heavy Cast Bronze Case, Bright Surfaces, Dark Background, 2 1/2 inch (Inside Measurement) Galvanized Steel Self-Locking Spring Shackle, 2 Gold Plated German Silver Keys, Changes Unlimited. \$30.00

Per Dozen



No. 948P.

MOTORCYCLE PADLOCKS**EAGLE PUSH-KEY AUTOMATIC**

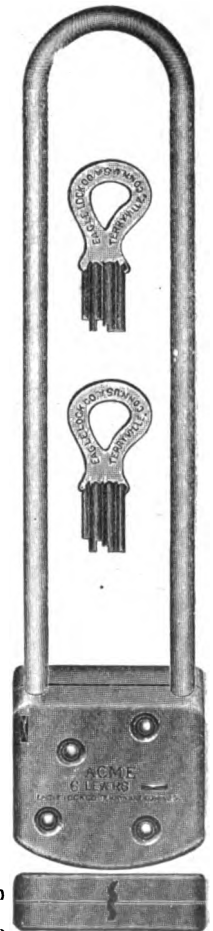
No. 4512—2 inch, Ivory Black Iron Case, 6 3/4 inch Automatic Self-Locking Spring Shackle, 6 Secure Levers, 12 Changes, 2 Nickel Plated Corrugated Steel Keys. \$10.00

Per Dozen

The shackle of the lock spans the front fork and a few spokes which positively prevents the wheel from turning.

There is no time lost in releasing the machine. The Push-Key feature insures quick action—the automatic working of the lock is instantaneous—all done in a second.

The interior of the lock is brass, there are six levers operated by corrugated keys which afford perfect security.



No. 4512.

TIRE CHAINS

WEED ANTI-SKID



Weed Tire Chain represents the highest development of an anti-skid device. They are made as carefully as the automobile on which they are used, and, as you probably have often heard said, "Every Weed is Guaranteed." The cross chains are made of special stock and the links are smoothly welded. They are hardened in furnace under pyrometer readings, and are then heavily brass plated. They are diamond-hard, yet not brittle, combining great strength and wearing quality. The Weed side chain is made of heavy wire of high tensile strength and is heavily galvanized to prevent rusting.

PRICE LIST OF WEED ANTI-SKID CHAINS

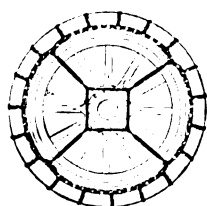
Size	Per Pair	Size	Per Pair	Size	Per Pair
28x2 1/2	\$3.50	32x4	\$6.00	40x4 1/2	\$11.00
30x2 1/2	3.75	33x4	6.50	32x5	12.50
28x3	4.00	34x4	7.00	34x5	8.50
30x3	4.50	35x4	7.50	35x5	9.00
32x3	5.00	36x4	7.50	36x5	9.00
34x3	5.50	37x4	8.00	37x5	9.75
36x3	6.00	40x4	10.00	38x5	10.50
28x3 1/2	4.50	30x4 1/2	6.50	39x5	11.25
30x3 1/2	5.00	32x4 1/2	7.00	40x5	12.00
32x3 1/2	5.50	34x4 1/2	7.50	36x5 1/2	12.00
34x3 1/2	6.00	35x4 1/2	8.00	37x5 1/2	13.00
36x3 1/2	6.50	36x4 1/2	8.00	38x5 1/2	14.00
30x4	5.50	37x4 1/2	8.75	38x6	14.00
31x4	6.00	38x4 1/2	9.50	40x6	15.00

WEED CROSS CHAINS



Size, Inches	2 1/2	3	3 1/2	4
Each	\$0.05	.06	.08	.09
Size, Inches	4 1/2	5	5 1/2	6
Each	\$0.10	.12	.15	.18

WEED CHAIN ADJUSTERS

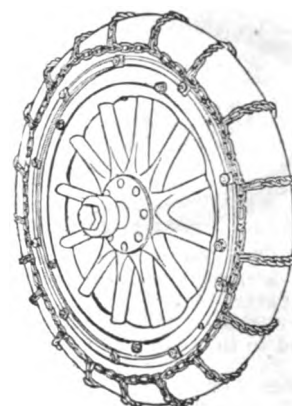


Weed Chain Adjusters are four springs, radiating from a center chain surrounding the hub, and are attached by simple hooks to the side chain. The Adjuster draws the Chains evenly to the tires—holds them right, fairly taut, but not tight. Allows the Chains to "creep," and that's the essential thing. When the Chains "creep" there isn't a ghost of a chance to cause injury to the tires.

PRICE LIST OF WEED CHAIN ADJUSTERS

	Per Pair
28, 30, 32, 34, 36	\$1.00
37, 38, 40, 42	1.50

RID-O-SKID



Rid-O-Skid is offered as an anti-skid device to meet the requirements of those to whom initial cheapness is the chief consideration. They are necessarily of inferior quality—are not made as carefully or of diamond-hard material as are Weed Tire Chains. If you ignore the maxim "Initial Cheapness is False Economy," and purchase Rid-O-Skid Chains instead of Weed Chains, you will at least be much wiser than the motorist who insists upon taking chances by "depending on rubber alone," and later experience will show you that Weed Chains give much greater mileage, and are, therefore, cheaper in the end.

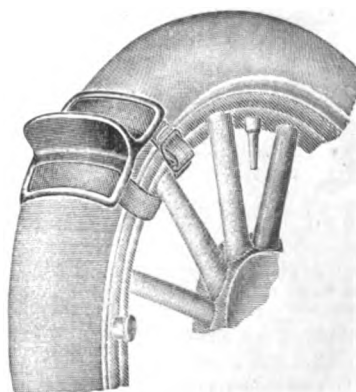
PRICE LIST OF RID-O-SKID CHAINS

Size	Per Pair	Size	Per Pair	Size	Per Pair
28x2 1/2	\$1.95	31x4	\$2.90	38x4 1/2	\$3.90
30x2 1/2	2.10	32x4	3.00	40x4 1/2	4.25
28x3	2.40	33x4	3.10	42x4 1/2	4.50
30x3	2.50	34x4	3.20	34x5	4.10
32x3	2.60	35x4	3.30	36x5	4.50
34x3	2.75	36x4	3.40	37x5	4.70
36x3	2.90	37x4	3.50	38x5	4.90
28x3 1/2	2.50	40x4	4.00	39x5	5.10
30x3 1/2	2.65	30x4 1/2	3.00	40x5	5.25
31x3 1/2	2.80	32x4 1/2	3.25	36x5 1/2	5.20
32x3 1/2	2.80	34x4 1/2	3.40	37x5 1/2	5.40
34x3 1/2	2.95	35x4 1/2	3.50	38x5 1/2	5.60
36x3 1/2	3.10	36x4 1/2	3.60	38x6	6.50
30x4	2.80	37x4 1/2	3.75	40x6	6.75

MUD HOOKS

HOOVER EMERGENCY

A Solid Casting with Heavy Web Strap and Extra Strong Buckle.



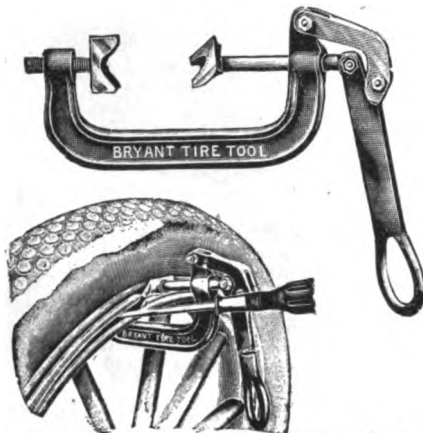
Notice how the strap runs all the way around the mud hook instead of being riveted to one side. This is important as the rivets are apt to tear out under the very severe strain when the wheel revolves.

Complete with One 1 1/4 inch Heavy Webb Strap with Heavy Tongueless Buckle.

	Per Pair
No. W1—For 3 to 4 1/2 inch Tires	\$1.80
No. W2—For 5 to 6 inch Tires	2.00

AUTO TIRE TOOLS

BRYANT



Cut shows inside ring forced back with Tool automatically locked on its full inthrow, holding inner ring for free removal of lock ring. Also used in replacing rings, forcing them over ring into position.

Bryant—Malleable Iron, Dull Nickel Finish.....**\$3.00**
Fits all styles and all sizes of rims. Used to remove and replace rings as well as for removing tires. Has enormous leverage, making easy work of the most stubborn tire—no matter how stiff or how firmly rusted. All work is done from outer side of wheel. Will loosen inner bead easily and quickly.

RIM CONTRACTORS

FRIESTEDT

No. 90—Plain Finish,
Opens, Contracts and
Relocks Straight Side
and Clincher Split De-
mountable Rims in-
stantly.

Each**\$2.50**

Extra Kelsley Dovetail
Lock Shoe Attachment.
Each**\$1.50**

Extra Baker Rim Adapter.
Each**\$1.50**

The Kelsley Dovetail
Lock Shoe not only con-
tracts and relocks, but

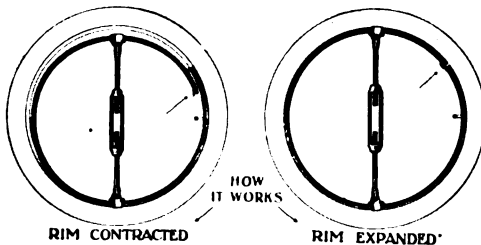


automatically opens the rim lock without having to pry it out of engagement with a screw driver. This shoe is interchangeable with the standard shoe.

The Baker Rim Adapter permits of the opening, overlapping and contracting Baker Split Rims.

RIM CONTRACTOR-EXPANDER

"BEST"



A Rim Tool that
Makes Tire
Changing Easy.

The strongest
and most practical
tool for removing
tires from clincher
and straight side
demountable rims.

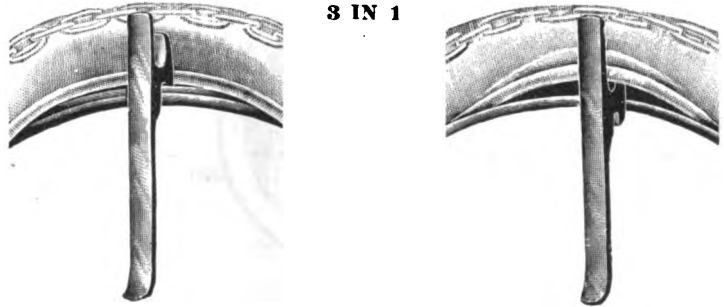


This tool both expands and contracts the rim. Eliminates all hard work in tire changing. Simple and strong.

- | | |
|--|------|
| No. 1—For 32 and 34x3 1/2 inch Straight Side or 4 inch Clincher Rims | Each |
| No. 2—For 34x4 inch Straight Side or 4 1/2 inch Clincher Rims | 2.70 |
| No. 3—For 36x4 1/2 inch and 5 inch Straight Side Clincher Rims | 2.70 |

TIRE IRONS

3 IN 1



The above cuts clearly show the 3 in 1 Tire Iron doing the work of one hand or one man in putting a tire on or taking one off of a clincher demountable rim, thus leaving both hands free to continue.

Malleable Iron, Aluminum Finish. Each
No. 12—12 inches Long.....**\$0.40**
No. 18—18 inches Long.....**.50**

HANDY



No. 5—8 1/4 inches Long, Solid Steel, Flat, for Applying and Removing Automobile Tires.....**\$0.40**

No. 6—16 inches Long, Solid Steel, with Bent Point and Prying Block.....**\$0.40**

For quick work, push under the bead and slide around the wheel.

AUTOMOBILE CLOCKS

KEYLESS EIGHT DAY

Rim Wind, Rim Set.



This is an offset model and does not set into the cowl board but rests on the outside of it. Once attached to the dash, it cannot be removed without the key and the key hole is concealed, thus making it theft-proof.

Black and Nickel Finish. Each
Model "M" Jr.—2 1/4 inch Dial, 3 1/2 inch Base, 2 3/4 inches Long**\$14.00**

To wind clock simply turn bezel once a week to the right. To set the hand, remove the bezel by turning to the left.

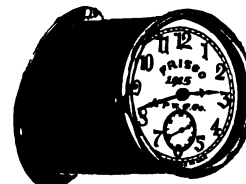
FRISCO COWL DASH

REAR WIND, THIRTY HOUR



A reliable clock at a price so low that none need ever be without a clock. A new type of 30 hour movement is used in its construction. The bezel is heavily plated and is fitted with a beveled crystal. The winding stem is concealed.

Black and Nickel Finish. Each
No. 2C—2 1/2 inch Dial, 2 5/8 inch Base, 3 5/8 inch Cowl Ring, Length of Clock Behind Cowl Ring 3 5/8 inches**\$5.00**



ONE DAY KEY WIND

Black and Nickel Finish.

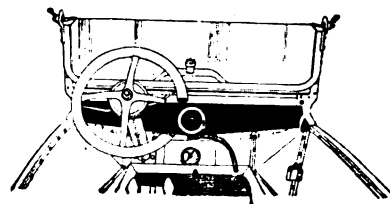
No. 1C—Special, 2 1/4 inches High, 2 1/4 inch Face, 3 1/4 inch Base**\$3.80**

STEWART SPEEDOMETERS AND COWL BOARDS

FOR FORD CARS



Cut Showing Stewart Model 100 Magnetic Type Speedometer for Ford Cars.



Cut Showing Stewart Cowl Board and Speedometer Attached to a Ford Car.

The **Stewart Magnetic Speedometer**, built on the proven Magnetic Principle, is permanently accurate under all conditions of temperature or climate, because it is compensated just like fine watches. The magnetic principle calls for only one moving part, which moves at a very much lower speed than any other principle used in speedometer manufacture. Low speed means little or no wear, insuring permanent accuracy.

The **Stewart Cowl Board** is made of metal and finished in bright black enamel. This new Cowl Board greatly enhances the appearance of the car. Besides it makes it possible to install the speedometer in a much more convenient position from where the figures can be easily read. Anyone can quickly install it. It is only necessary to remove the nuts from 4 screws which are already in the dash of the car, fit the board in place, replace the 4 nuts, and the job is complete.

Model 100—Stewart Speedometer for Ford Cars, 3 inch Etched Dial Face, Jeweled Bearings, Polished Steel Magnet, has Rotating Speed Dial with 60 Mile Capacity, and Stewart Odometer Consisting of 10,000 Mile Season Register and 100 Mile Trip Register, the Trip Register Can be Rapidly Reset to any Tenth of a Mile, Finished in Jet Lacquer with Brass Trimmings, Complete with Full Equipment Including Regular Flexible Shaft and Swivel Joint. **\$12.00**

Model 100U—Ford Flush-Type Model, Complete with Cowl Board Described Above and Driving Equipment. **14.00**

EXTRA PARTS FOR STEWART SPEEDOMETERS

GREASE CUP CAPS

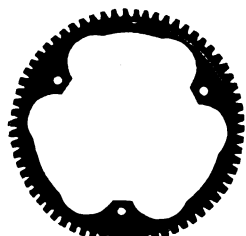
A Grease Cup is an integral part of all swivel joints made since 1911. Three types of grease cups have been used, so that in ordering caps it is necessary to note carefully the inside diameter of the cap. Determine which of these sizes you have and order by number.

1832— $\frac{5}{8}$ inch inside diameter. 1858— $\frac{3}{4}$ inch inside diameter. 1826— $\frac{7}{8}$ inch inside diameter.

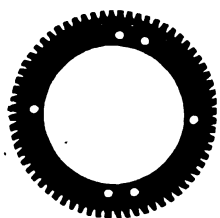
Part No.	Each
Swivel Joint	\$2.50
Grease Cup . . . . .	.15
Grease Cup Cap. . . . .	.15
1799—Flexible Shaft, Complete without Leather Covering	3.00
1911—Flexible Shaft Casing, without Leather Covering	1.75
Extra Length Casing (Over 78 inches), Per Foot, Net. . . . .	.35
1880—Upper End Clutch of Chain. . . . .	.10
617—Sliding Bar and Lower End Clutch of Chain . . . . .	.20
Road Wheel Gear, Completed with Washers and Screws.	1.00
Washers and Screws for Use on Road Wheel Gear (Set of 3) . . . . .	.15
Pinion or Small Gear (Steel or Fibre) . . . . .	.25
Clamp for Steering Arm, Complete.	1.25
4003—Clamp Part (Upright) . . . . .	.50
4025—Clamp Part (Swivel Block) . . . . .	.20
4015—Clamp Part (Cross-Bar) . . . . .	.30
4017—Clamp Part (Axle Clip) . . . . .	.15
4014—Clamp Part ("S" Clamp Link) . . . . .	.20
4007—Clamp Part (Cross-Bar and Straight Link, One Piece) . . . . .	.30
4032—Clamp Set Screw. . . . .	.10
Dash Bracket, Single Ins't.	1.00
Dash Bracket, Clock Comb.	2.50
1996—Rubber Fender Washer. . . . .	.15
2199—Brass Footboard Collar. . . . .	.15
1998—Strap or Hanger for Flexible Shaft. . . . .	.15
Angle Sleeve	1.50
Extra Length Shaft (Over 78 inches), Per Foot, Net. . . . .	.50
1902—Flexible Shaft Chain, Per Foot. . . . .	.25
1997—Stewart Flexible Shaft Lubricant, Per Can . . . . .	.30
616—Flexible Shaft Ferrule and Union. . . . .	.20
Clock Combination Dash Bracket, Complete, with Light Attachment.	5.00
Light Attachment, with Post, Bracket, Bulb, Complete.	3.50
Old Type Stewart Light Attachment, Complete	2.50
Push Button . . . . .	.25
Electric Bulb . . . . .	.50
Rubber-Covered Electric Light Wire, Per Foot . . . . .	.10

Stewart Speedometer Equipment Parts

Road Wheel Gears



Cut-Out Type



Plain Type

Swivel Joints



1908-1909 Type [044]



1910 Type [1827]



1911 Type [1800 right-hand, 1953 left-hand]

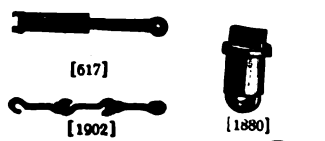


1912-13-14-15 Type [1912 right-hand, 1956 left-hand]

Drive Pinions

Cotter Pin Type
Can be used on any Swivel Joint, except 1911 Type.

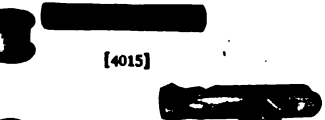
Pinion for use on 1911 Type Swivel Joint, held in position with lock-nut and washer.



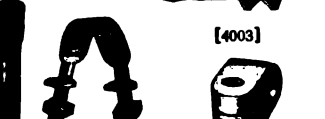
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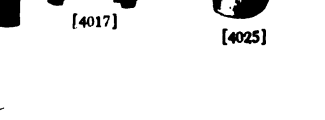
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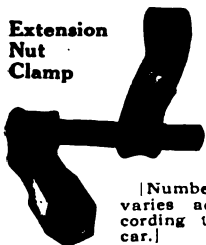
[1996]



[2199]

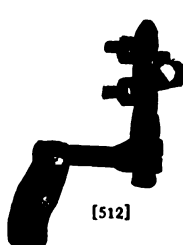


[4032]

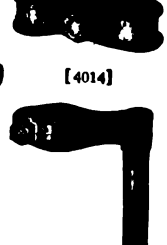


Extension Nut Clamp

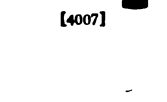
[Number varies according to car.]



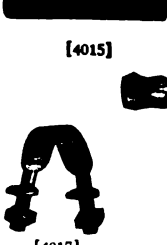
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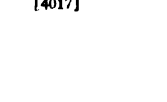
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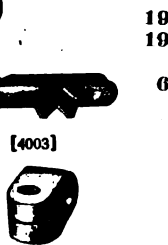
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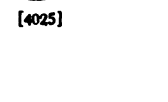
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[4017]



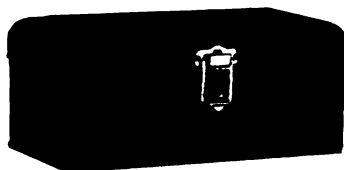
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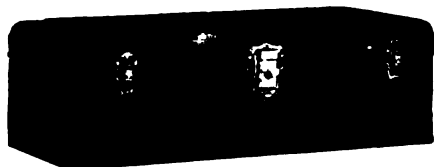
[4025]

AUTOMOBILE TOOL BOXES

STANDARD STEEL



Style of Nos. F18 to T11 Boxes, Equipped with One Lock Only.



Style of Nos. F22 Ford, T14 and T17 Boxes, Equipped with One Lock and Two Catches.

Round Corners, Black Enameled.

Manufactured from automobile body stock steel. All joints are electrically welded and the enamel finish is two coat work; both coats are baked thereby giving a beautiful and lasting finish. Solid brass locks and catches.

Inside Measurements Including Lid.

With One Lock Only.

Nos.	F18 Ford	B1	B3	B4	T7	T8	T11
Length, Inches	18	14	14	16	18	18	20
Width, Inches	8	8	8	8	8	8	9
Height, Inches	6 3/4	6	10 3/4	8	8	9 1/2	9
Each	\$2.40	4.60	2.90	2.70	2.90	3.20	3.80

With One Lock and Two Catches.

Nos.	F22 Ford	T14	T17
Length, Inches	22	22	24
Width, Inches	9	9	10
Height, Inches	6 3/4	9	10
Each	\$2.50	3.90	4.30

Each Box (Except No. F22 Ford) is Packed in a Separate Carton and Crated for Shipment.

AUTOMOBILE FOLDING CHAIRS

IMPERIAL STEEL

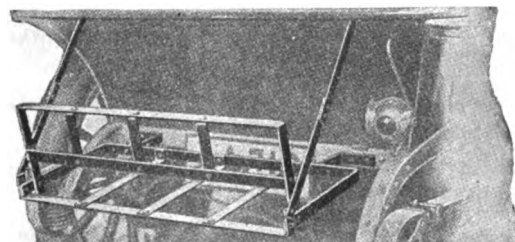


Rich Black Japanned Finish, Best Oval Steel Frame, Black Waterproof Art Leather Upholstered Seat and Back Rest. The Most Comfortable Auto Folding Chair Made.

No. 211—11x12 inch Seat, 12 1/2 x 3 1/2 inch Back, Height of Seat 16 inches, Size when Folded 12 1/2 x 20 x 2 inches	Each \$2.96
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TRUNK RACKS

MONARCH FOLDING



Made Entirely from 1 x 3/8 inch Steel, Finished in a Dull, Dead Black Rustless Finish.

Nos.	1	2	3
Length, Inches	28	30	32
Width when Open, Inches	18	18	18
Width when Folded, Inches	15	15	15
Weight Each, Lbs.	14	15	16
Each	\$4.00	4.00	4.00

ROBE RAILS

FOR FORD CARS



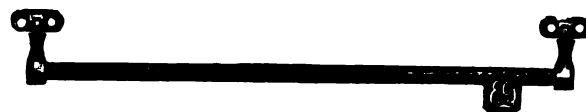
No. 303—29 inches Long, 5/8 inch Hollow Steel Rail, Iron Brackets, Handsome Black Rubber Finish, a Neat, Practical Robe Rail. \$0.80



Style B—Brass Plated.

Bracket Centers 29 inches, Body Clearance 2 3/4 inches. Made in Two Sizes, 1/2 and 5/8 inch.

Nos.	50	58
Diameter of Rail, Inches	1/2	5/8
Each	\$1.20	1.40



No. 5218—30 1/4 inches Long Over All, 28 inch Polished Brass Finished Reinforced Steel Rail, 2 1/4 x 3/4 inch Baked Black Enameled Malleable Iron Hinges, Center to Center of Outer Screw Holes 29 1/2 inches. . . . \$1.10

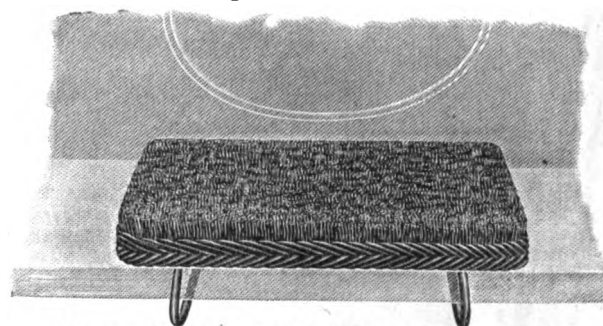
While the above Robe Rails are made especially for Ford cars, they will fit many other cars.

GENUINE COCOA MATS



Always a Clean Car and No More Cold Feet.

No. 10—20x28 inches, Fits the Floor in the Tonneau of the Ford Touring Car. \$2.70



Always Wipe Your Feet When Getting in Car.

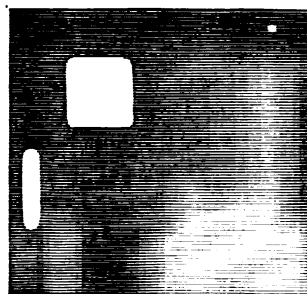
Two Spring Steel Wire Holders are Woven Firmly on the Back of the Mat and Fit Tightly Over the Running Board, thus Holding the Mat Securely on the Step.

No. 1M—10x14 inches, for All Cars	Each \$1.70
No. 2M—8x14 inches, for Ford Cars	1.50

FOOT BOARD MATS

FOR FORD CARS

Best Quality Rubber.



Nos.	57	58
Thickness, In.	3/2	1/2
Each	\$1.50	2.00

MIRRORSCHOPEs

Mirrorscopes make the driver as complete a master of the road in the rear as the eyes do of the road ahead. Turning corners, backing, stopping suddenly or running in street car tracks is likely to prove disastrous if the precise situation of speeding vehicles in the rear is not known.



All Black Finish.

Each

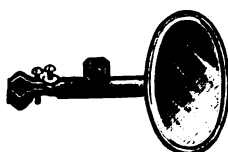
- No. 6019—5 1/2 inch Diameter Mirror, Brass Frame, Stamped Steel Back and Clamp, Tubular Steel Arm, Reflector Adjustable to Any Angle, Swivel Clamp for Adjustment of Arm, Separable Frame and Back Permits Replacement of Reflector.....\$1.40



All Black Finish.

Each

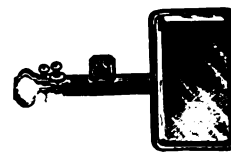
- No. 6181—5 1/2 inch Diameter French Plate Beveled Mirror, Brass Frame, Tubular Steel Arm, Swivel Adjustable Joint in Back, Heavy Hand Screw, Fits Any Round Windshield Frame.....\$2.10



All Black Finish.

Each

- No. 6112—4x6 inch Opal French Plate Beveled Mirror, Brass Frame, Stamped Steel Back, Arm and Clamps, Ball and Socket Joint in Back Permits Adjustment of Reflector to Any Angle, Diamond-Shaped Adjustable Clamp Will Fit on the Windshield Frame or Support of the Leading Cars.....\$2.90



All Black Finish.

Each

- No. 6118—4x6 inch Square French Plate Beveled Mirror, Brass Frame, Stamped Steel Back, Arm and Clamps, Ball and Socket Joint in Back Permits Adjustment of Reflector to Any Angle, Diamond-Shaped Adjustable Clamp Will Fit on the Windshield Frame or Support of the Leading Cars.....\$2.90

AUTOMOBILE HORNS

MINERVA

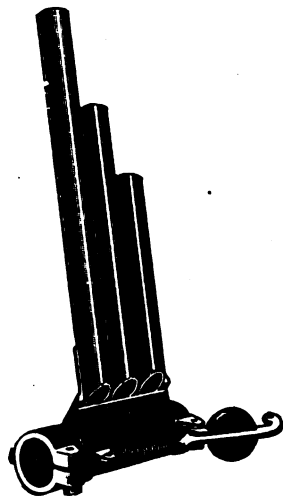
Made of Heavy Gauge Brass.

Complete with Cable, Pedal, Liner and Screws.

The clear, penetrating, yet musical tone of the Minerva Auto Horn gives a pleasant but emphatic warning of your approach.

Each

- No. 2—For Autos from 20 to 40 Horse Power, Fits Over Exhausts from 1 1/2 to 2 inch Diameter, Musical Chord: B Flat, E Flat, G 5.00



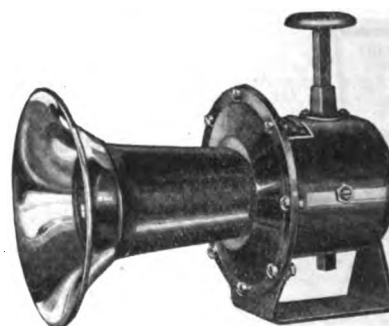
- No. 3—For Autos from 30 Horse Power Up, Fits Over Exhausts from 1 3/4 to 2 1/4 inch Outside Diameter, Musical Chord: B Flat, E Flat, G, B Flat..... 7.00

The Minerva Horn, which will blow with lung pressure, is attached to and forms a continuation of the exhaust of the muffler. It is easily installed—drive it on the exhaust, tighten the set screw, attach the pedal to the footboard, connect the cable and the horn is ready for action.

There are no batteries to run down, no valves to clog, no reeds to break. Only the waste exhaust is used to operate the Minerva Horn.

A-Y ORN

HAND OPERATED



The simplest, most durable and most practical mechanical hand operated auto horn on the market.

It produces a loud, clear, distinctive warning which carries far in advance.

It has a pleasing tone which does not frighten pedestrians, but warns them "effectively."

It is easily operated—a slight pressure of the hand or arm on the knob of the plunger is all that is required.

To fasten same to the car, all that is necessary is to remove the four small screws holding the bracket, and secure the bracket to the car with the two wood screws provided, then put the horn back on the bracket.

Each

- No. 3500—3 inch Diameter Cup, 5 inch Diameter Diaphragm, Bell is 5 inches Long and Flares from 2 inches in Diameter to 5 inches at the Extreme End.....\$3.40

SPARTON MOTOR HORNS

SPARTON HAND-OPERATED

Adjustment Made from Rear of Signal.

The Sparton Hand-Operated Signal has been brought out for those who do not wish to bother with wires or batteries. It gives a warning blast that is almost a duplicate in sound to the motor driven Sparton. The construction of this signal is simplicity itself. There is nothing to get out of order. All wearing parts are hardened and a rock-ribbed guarantee goes with each instrument.

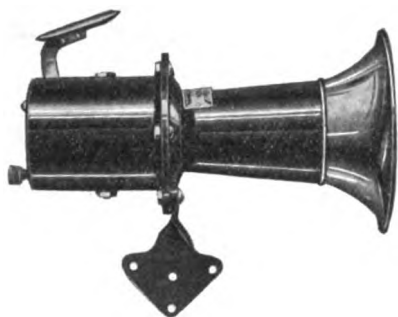
Sparton hand operated Safety Signals are constructed of the highest quality material. Time and skilled labor are devoted to the production of just the proper tone. Every tooth on the actuator is ground to a clean edge, every diaphragm is hand hammered.

Each Sparton is furnished with a rigid supporting arm ready to be attached to any handy place on the car and when properly installed can be operated with the hand, elbow, knee or foot. The Sparton can be installed with an ordinary screw driver in ten minutes.



Internal View.

Internal View—We show herewith a phantom cut which illustrates the internal construction of the "Sparton" Hand-Operated instrument. It is simplicity itself, nothing to get out of order, all wearing parts glass hard and each instrument positively guaranteed.



Model "PF"—Hand Operated, Length Over All 10 $\frac{1}{4}$ inches, Oval Bell 4 $\frac{1}{4}$ inches, Height 6 inches, Furnished in All Black, Packed One in a Box, Shipping Weight 4 Lbs.\$6.00



Sparton Model "M"—Hand Operated, Length Over All 6 $\frac{3}{4}$ inches, Round Bell 4 $\frac{3}{8}$ inches Diameter, Furnished in All Black, Particularly Suitable for Motor-cycles, Packed One in a Box, Shipping Weight 4 Lbs.\$3.00

SPARTON MOTOR DRIVEN

Adjustment Made from Rear of Signal.

The Sparton rips out a warning that is unmistakable a mile away or musically bugles a message near at hand that people of all lands know means, "Clear the Road."

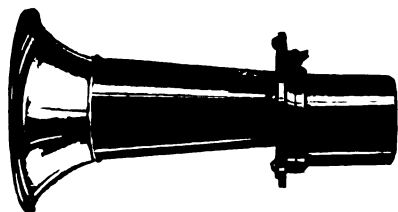
All models are much improved this year, as all now adjust by means of a knurled screw in the rear. Adjustment is made without taking Signal apart in any way. No special wrenches are needed. It is also more handy to get at the commutator. These are big points of convenience for the user.

Don't confuse the Sparton with a cheap buzzer horn. The Sparton has a small electric motor to operate it and consumes no more current than a buzzer horn, but gives five times the amount of warning sound. Six dry cells or a storage battery is all that is necessary to run it.

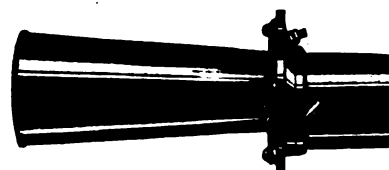


Internal View.

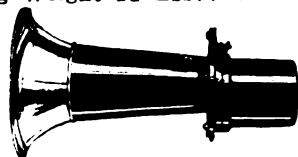
Internal View—Shows motor construction. Every part of the "Sparton" is made at the Sparks-Withington Co.'s factory from the very best of raw materials. The expert assembly assures the motorist of a perfect performance of duty under any conditions.



Model "PD"—Electric, Motor Driven, Length Over All 14 $\frac{3}{8}$ inches, Oval Bell 6 $\frac{1}{4}$ inches, Height 7 $\frac{1}{2}$ inches, Furnished in All Black, Packed One in a Box, Shipping Weight 11 Lbs.\$15.00



Model "PU"—Electric, Motor Driven, Length Over All 13 $\frac{1}{4}$ inches, Straight Projector 4 inch Diameter, Furnished in All Black, Packed One in a Box, Shipping Weight 10 Lbs.\$14.00



No. "PB"—Is the Same as "PD" Except as to Size and Price, Electric, Motor Driven, Length Over All 11 inches, Oval Bell 4 $\frac{1}{4}$ inches, Height 6 inches, Furnished in All Black, Packed One in a Box, Shipping Weight 5 Lbs.\$7.50

Note—Every motor driven Sparton is properly packed one in a box, complete with necessary cable, push button, supporting arm, screws for mounting and instruction book.

There is no mistaking the Sparton alarm cry. Its far-reaching imperative voice jolts the air with a threat of danger sharp and insistent. The winged call of the Sparton rises above all earth noises—a strong, penetrating call that sweeps the air.



Model "PJ"—Is the Same as "PU" Except as to Size and Price, Electric, Motor Driven, Length Over All 10 $\frac{1}{4}$ inches, Straight Beaded Projector 3 inch Diameter, Furnished in All Black, Packed One in a Box, Shipping Weight 5 Lbs.\$6.00

TIRE PRESSURE GAUGES

TWITCHELL

**The Twitchell Gauge Locks, Showing True Pressure or None.**

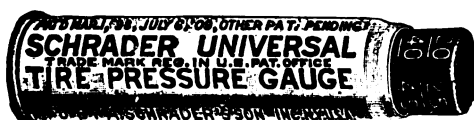
The New Twitchell may be operated with equal accuracy at any angle. This is important for two reasons, first for convenience, eliminating stooping entirely, second one can use this gauge in the smallest diameter of wheel because it may be applied at such an angle that the outcoming indicator will avoid striking the hub.

The base of this gauge is constructed so that it will open even those tire valves where the inside was screwed in too deep.

Each

No. 25—New Twitchell, Nickel Plated, Positive Lock Stop\$1.45

SCHRADER'S UNIVERSAL



This is an ingenious device for instantly determining the pressure in motor tires. Most of the tire troubles may be attributed to a wrong idea of what the actual pressure is. This gauge fits on valve after unscrewing the cap and gives the accurate pressure instantly. The record stays out as the gauge is removed from tire.

Each

No. 50—Schrader Universal, Nickel Plated.....\$1.46

AUTOMOBILE PUMPS

ROSE FRICTIONLESS

Best on Earth.

Frictionless, made of heavy 18 gauge seamless steel tubing.

Has a valve which permits a full supply of air below the plunger. Has no Vacuum in the cylinder, therefore has compression at every point. Continues to work at high pressure and is not a "Quitter." Its simplicity, durability and effectiveness commends it to the use of all.

Each

Rose\$3.00

BRISK BLAST STEEL

Built for Service, Works Easiest and Lasts Longest.

Very rigidly constructed. Has 17 inch 20 gauge seamless steel cylinders, 1½ and ¾ inch diameter, which screw into a heavy cast iron base.

Thoroughly japanned and baked, making it rust-proof and air-tight.

Has cold rolled steel plunger rods, hardwood handle and best grade of flexible hose with brass connection to fit any standard automobile or bicycle tire valve.

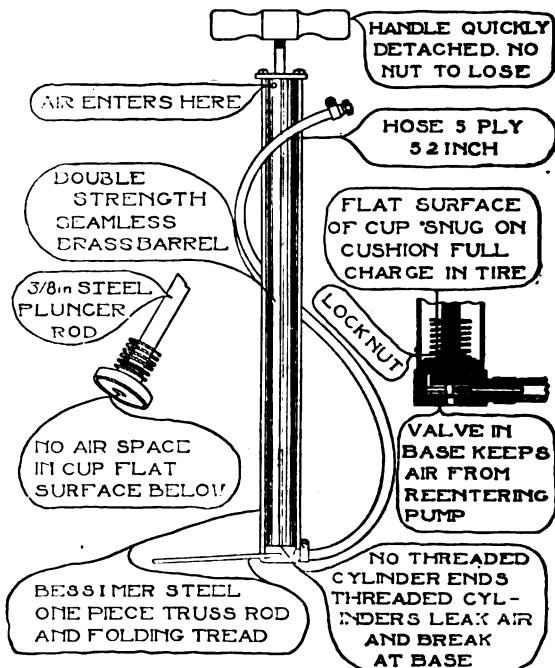
It is equipped with a special piston arrangement which utilizes every ounce of air.

Each

No. 100—Height Over All 20 inches.....\$2.40

AUTOMOBILE PUMPS

GOLDEN ROD



Each

Golden Rod—Seamless Brass Barrel, Bessemer Steel Truss Rods, ¾ inch Steel Plunger Rod, Machined Blued Steel Base, Detachable Handle, Folding Foot Rest, 32 inch 5-Ply High Pressure Hose.....\$4.00

TWO-CYLINDER COMPOUND

Seamless brass cylinders, malleable iron top, without gauge.

This pump is unlike any other Automobile Tire Pump on the market.

It is a very powerful, yet easy working pump.

The cylinders are made of seamless brass tubes and are fastened into the foot base in such a manner as to be absolutely air tight. There are no adjustment nuts or screw threads to cause a leak.

To take the pump apart there is only one nut to unscrew.

Each

No. 5—Without Gauge. Seamless Brass Cylinders, Iron Base, Brass Cylinders, Iron Base.....\$3.00

Extra Small Plunger Leathers.....\$0.50
Extra Large Plunger Leathers......60

YANKEE FOLDING



Makes hand inflation of auto tires a simple and easy matter.

Built to clamp quickly to the running board of any auto. Worked easily with one hand from a natural upright position.

Complete with Pressure Gauge and 8 feet of Hose.

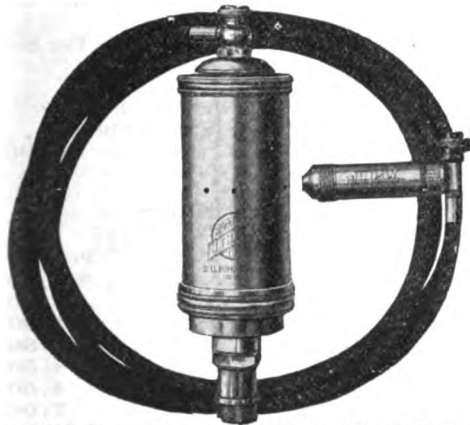
Yankee Folding Pump.....Each, \$6.00
AUTO PUMP HOSE—Extra Grade.....Per Foot, .12

AUTOMOBILE PUMPS

UTILITY SPARK PLUG "PNEU-METER"

FOR TIRE INFLATION CONTROL

Hand Finished and Lacquered Brass Parts, Heavily Nickered and Polished Steel Parts.



Utility Junior—Length Over All Including Adapter 7 ¼ inches, Outside Diameter 2 ½ inches, Pressed Steel Pump Barrel, Complete with Pressed Steel Spark Plug Hole Adapter with ⅞-18, ½ inch Standard or Metric Threads, 10 feet of Braid Covered Rubber Air Hose and Bar Brass "Pneu-Meter" with Engraved Pressure Scale 40 to 75 Lbs. in 5 Lb. Units, for Light Cars and Tires up to 3 ½ inch Diameter, Weight Each Boxed 3 Lbs. **\$13.00**

Utility—Length Over All Including Adapter 9 inches, Outside Diameter 2 ¾ inches, Heavy Brass Barrel and Piston, Complete with Two Pressed Steel Spark Plug Hole Adapters with ⅞-18 and ½ inch Standard Threads, 12 feet of Braid Covered Rubber Air Hose, Bar Brass "Pneu-Meter" with Engraved Pressure Scale 50 to 120 Lbs. in 5 Lb. Units, and Extra Tire Valve Core, for All Weights of Cars and Sizes of Tires, Weight Each Boxed 4 ½ Lbs. **16.00**

Utility does the rest. Works like a little engine. Pumps right up to the mark you set then—Presto! the air is automatically deflected to the outside with a perky little whistle that tells you your tire is ready. Three minutes does the trick if you are in a hurry.

The little "Pneu-Meter" does the watching for you and is always on the job.

MAYO SPARK PLUG

Pumps Only Clean Air—No Gas Enters the Tires.

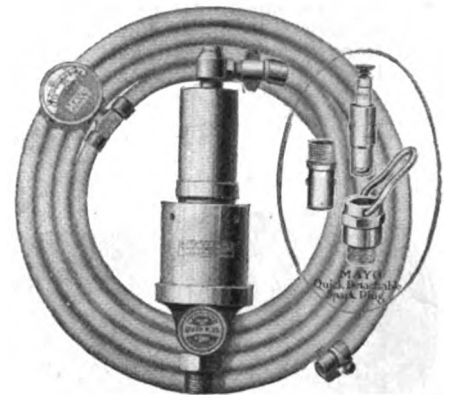
This is the original and the only satisfactory pump of this kind—the others are only imitations and look right only on the outside. The Skinner has ground piston rings, is compound action (giving 100 lbs. pressure) and will not break if the motor races. The imitations have leather pistons, are single action (giving only about 65 lbs. pressure) and will get out of order if the engine runs too fast.

Will work on any 2, 3 or 6 cylinder auto, except the Elmore. Pumps tire in 2 to 4 minutes to any pressure. Never gets out of order, needs no attention except oiling, and is as easy to carry as a hand pump. Works as well on a small car as on a large one and it always works.

Directions—Remove any spark plug, screw the pump in its place and run the engine slowly—that's all. (If there are two spark plugs in each cylinder, then remove the cable from the second plug.)

Size—10 inches long, 2 ½ inch diameter, shipping weight 5 ½ lbs. Fitted with 12 feet of hose and nipple. Fittings with each for ½ inch and A. L. A. M. size plug openings (metric fitting free when asked for).

No. 4—Mayo Spark Plug Pump, with Gauge. **\$12.80**



"MAYO" FORD SPARK PLUG.

A diminutive Mayo Spark Plug Pump built especially for the Ford car. A real, power tire pump which will inflate a 32x3 tire to 65 lb. pressure in two minutes and a 32x3 ½ tire to 70 lb. pressure in three minutes.

To attach, remove any convenient spark plug and turn the pump (with your hands only) into the spark plug opening. Attach hose between pump and tire, making sure the connections are perfectly air tight. Run the motor slowly until the gauge shows the amount of pressure desired.

The Mayo Ford Pump is for the Ford car only, but is as strongly constructed and as carefully made as our other pumps, so that we can guarantee the outfit to give permanent satisfaction.

Pure, Fresh Air, guaranteed to be the only source of inflation, is liberally supplied by the lower metal valve, compounded in the pump from the lower cylinder to the upper one and thence to the tire.

The construction is simple but strong and mechanically perfect—metal piston ring and valve—no wearing parts to get out of order. This pump is absolutely non-adjustable, requiring no attention other than occasionally a few drops of oil.

Each pump, before it is packed for shipment, is carefully tested on a Ford motor.

Size 9 inches long, 1 ¾ inches in diameter. Weight 1 ½ lbs. Black enamel finish with polished brass parts. Fitted with ½ inch connection and furnished complete with 10 feet superior hose with accurate gauge and connections. Packed one in a box.

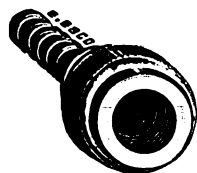
No. 40—"Mayo" Ford Pump. **\$8.00**

RADIOMETERS



Radiometer—With Red Liquid Column which Can be Seen from the Drivers' Seat and Large Bold-Face Figures which Enables One to Read the Temperature at a Glance, Protected by Outer Glass Casing which is Protected by Heavy Brass Shell, Will Fit Any Make of Car, Simply Drill a Hole in the Radiator Cap to Accommodate the Shank. **\$2.20**

PUMP CONNECTIONS



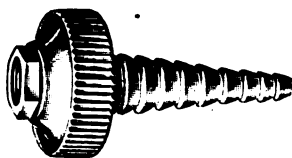
No. 45.



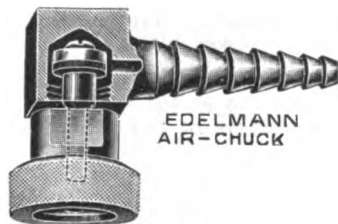
No. 51.

Each

- No. 45—Made Entirely of Brass, a Good, Serviceable Connection with Fibre Washer.....\$0.18
 No. 51—Same as No. 45 with the Exception that it Has a Bumper Pin to Open Plunger in Tire Valve..... .18



No. 46.



No. 47.

Each

- No. 46—All Parts Made of Heavy Brass, Has Fibre Washer which Cannot be Lost or Blown Out, a Heavy and Substantial Connection, Shank Fits Standard 1/4 inch Hose, Has a Bumper Pin to Open Plunger in Tire Valve.....\$0.34
 No. 47—Automatic Air Check, All Brass, an Ideal Connection for End of Storage Tank Hose Line, Fills a Long-Felt Demand for an Automatic Shut-Off Coupling, Takes 1/4 to 3/8 inch Hose..... 1.40

ROPE PACKING

MOGUL.



For Valve Stems
and Other Small
Rods.

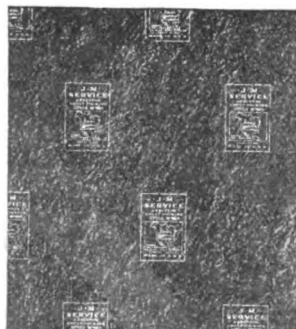
Made of long-fibred asbestos yarn, twisted and thoroughly lubricated. Round in shape.

On 1 Lb. Spools.

Size, Inches 1/8 3/8 1/2
 Per Pound \$2.80 2.80 2.30

SHEET PACKING

J-M SERVICE



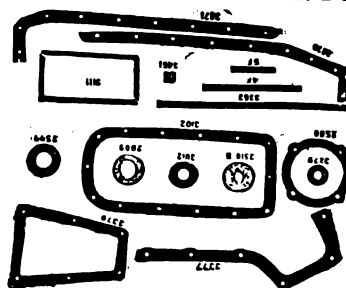
J-M Sheet Packing is made of long asbestos fibre felted and banded together with special heat-resisting compounds.

It is resilient, pliable and possesses great tensile strength, and as it does not deteriorate with age, it stands intact whether in the pipe flange or in stock waiting to be called for.

Can be used at any temperature, pressure and in every type of service where sheet packing is required.

Furnished in 54x63 inch Sheets.

Thickness, inches 3/32 7/16 1/4
 Weight Per Sheet, Lbs..... 7 1/2 14
 Per Pound \$2.30 2.30

FELT WASHERS AND GASKETS
FOR FORD CARS

Made of the very best quality wool felt in the proper shapes and sizes for use on Ford cars.

Per Set

No. 1 Set—Consists of 23 Pieces as Described Below, Put up in a Substantial Box.....\$1.00

PRICES FOR INDIVIDUAL NUMBERS

Ford No.	No. to Car	Where Used	Per 100
2510B	2	Rear Wheel Hubs.....	\$ 2.00
2809	2	Front Wheel Hubs.....	2.00
3012	1	Crank Shaft.....	2.00
3544	1	Steering Bracket.....	.80
3070	1	Crank Case and Cylinder, Left.....	4.50
3071	1	Crank Case and Cylinder, Right.....	4.50
3377	2	Transmission Cover.....	7.00
3102	1	Crank Case Cover.....	13.00
3370	1	Transmission Cover Door.....	7.00
2580	1	Universal Ball Cap.....	4.70
3363	1	Transmission Cover Strip (Long)...	1.00
4F	1	Transmission Cover Strip (Med.)...	1.40
5F	1	Transmission Cover Strip (Short)...	1.40
3111	2	Cylinder Door.....	1.20
3451	2	Controller Shaft Bracket.....	.50
3279	1	Magneto Contact Washer.....	.50
3365	1	Transmission Cover Door (Old Model)	7.00
3177	1	Commutation Ring.....	.70

TRANSMISSION LINING SETS

FOR FORD CARS



The lining is cut to the proper length; 3 lengths of 23 inches each, 1 1/8 inches wide and 3/8 inch thick. The set includes 34 split brass rivets.

It is a wireless lining which will not short-circuit the magneto, and is impervious to the action of grease, oil and dirt.

Per Set

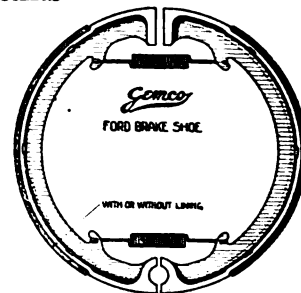
No. 90—Thermo Transmission Lining Set for Ford Cars in Heavy Cardboard Box.....\$1.60

HUB BRAKE SHOES

FOR FORD CARS

Interchangeable with the Regular Ford Shoes, Complete with Springs.

No. 240—Grey Iron, Unlined.....\$0.75
 No. 241—Malleable Iron Lined with Best Quality Asbestos Non-Burn Brake Lining..... 1.35



QUICK DETACHABLE TRANSMISSION BANDS

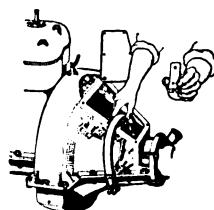
FOR FORD CARS

Thirty Minutes the New Way—Five Hours the Old Way.

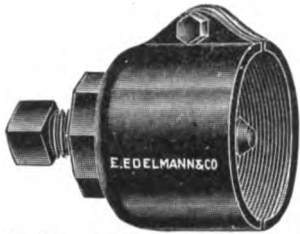
These accessories are great time savers. Made of heavy spring steel, lined with the very best grade transmission brake lining. Fitted with two drop forged steel ears, one of which is detachable and can be quickly removed.

No. 220—Complete.....\$2.30

Lining Only—3 Pieces in a Box, Complete with Rivets.....\$1.25

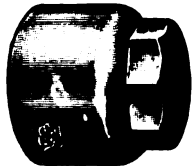


WHEEL PULLERS FOR FORD CARS



- No. 41—Semi-Steel, Black Enameled, Heavy Steel Set
Screw Each
\$0.56
- An ingenious device for removing wheels from Ford cars. To operate, remove the hub cap from the wheel, screw the wheel puller tight onto the hub, then turn the set screw on top of the wheel puller until the wheel comes off.

HUB CAPS FOR FORD CARS



Heavy Gauge Stamped Brass, Accurately Machined Threads. An exact counterpart of the standard Ford Model T Cap.

- No. 6012B—Brass, Polished Each
\$0.80
No. 6012N—Brass, Nickel Plated..... .40

RADIATOR CAPS FOR FORD CARS



- Heavy Brass Casting, Accurately Machined Threads. Enhances the appearance of the car and is practical as well as ornamental. The long projecting arms facilitate handling without the aid of a tool. Each
- No. 5663B—Brass, Polished \$0.40
No. 5663N—Brass, Nickel Plated..... .50

CONES FOR FORD CARS



No. 2704.



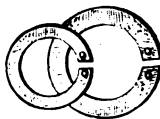
Nos. 2705, 2706.

- High Grade Steel, Accurately Made, Carefully Case Hardened. Each
- No. 2704—Stationary Cone \$0.80
No. 2705—Right Hand Adjusting Cone..... .20
No. 2706—Left Hand Adjusting Cone..... .20

BALL RACES AND RETAINERS FOR FORD CARS



Ball Races.

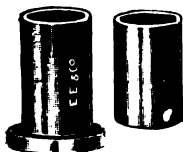


Ball Retainers.

These Ball Races and Retainers are Made of Highest Quality Steel and are in Big Demand for Replacements.

- Each
- No. 2804—Small Outer Ball Race..... \$0.19
No. 2805—Large Inner Ball Race..... .25
No. 2806—Small Outer Ball Retainer..... .06
No. 2807—Large Inner Ball Retainer..... .05

BRONZE BUSHINGS FOR FORD CARS



2713. 2714.

Made of Best Quality Bushing Bronze, Properly Sized, Accurately Finished.

- Per Pair
- No. 2713—Spindle Body Bushing.... \$0.30
No. 2714—Spindle Arm Bushing.... .20

SPINDLE BOLTS FOR FORD CARS



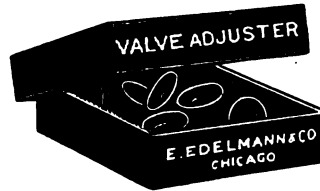
No. 2710.

To Replace the Regular Ford Bolts which Frequently Become Lost or Broken, Made of Very Best Quality Steel, Properly Hardened.

Each

- No. 2710—Spindle Bolt, $6\frac{3}{4} \times \frac{1}{2}$ inch..... \$0.42
No. 2718—Spindle Connecting Rod Bolt, $2\frac{1}{4} \times \frac{7}{8}$ inch. .28

VALVE ADJUSTER AND SILENCER FOR FORD CARS



A clever device for taking up the space between the push rod and valve stem, thereby eliminating the rattle and silencing the valve.

Place a cap over each push rod, having previously inserted a sufficient number of discs to take up the clearance between push rod and valve stem.

Per Set

- No. 67 Set—Consists of 8 Caps and 50 Discs..... \$0.30

AMPCO VALVES FOR FORD CARS



Each

- Ampco—Non-Carbonizing Valve for Ford Cars, Consists of a Head of an Exceptionally Hard Tough Bronze, Die-Cast Upon a Hardened Steel Stem, Ground and Finished..... \$0.50
- Eliminates constant regrinding because it positively will not carbonize, pit or corrode. Will outwear any nickel steel or cast iron valve.

It will pay many times to discard the troublesome cast iron and steel valves and replace them with "Ampco" Valves.

VALVES FOR FORD CARS



Each

- No. 87—A Good, Heavy Valve Made of High Quality Cold Rolled Steel with Welded Head, Stem is Drilled for Spring Ready for Use..... \$0.28

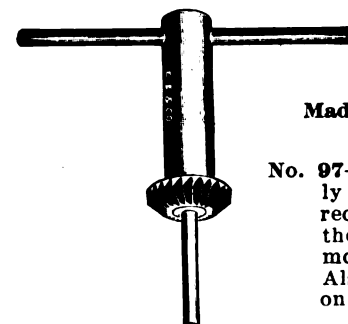
VALVE GRINDERS FOR FORD CARS



- No. 90—Steel, Nickel Plated, Mahogany Stained Wood Handle... \$0.44

The simplest device on the market for grinding Ford valves.

VALVE RESEATERS FOR FORD CARS



Made of Highest Quality Steel.

Each

- No. 97—Reseats the Valve Quickly and Accurately at a Correct Angle to Correspond with the Angle of the Valve, Removes All Carbon Deposits, Also Ridges, Grooves, Etc., on the Valve Seat..... \$0.72

VALVE SPRING LIFTERS



- No. 201—Pressed Steel, Black Enameled, with Spring Ratchet Device Each \$0.70

The Spring Ratchet Device holds the valve spring firmly in place after being compressed by the fulcrum action of the valve tool, enabling the pin to be easily extracted from the stem. It can be used on practically any type of motor.



FLEXIBLE CHAIN

The most practical tool ever made to remove valve.

Fits any motor. The lever has a narrow fork at one end and a wide one at the other to accommodate valves having split washers or pins to hold the spring on the stem.

- No. 200—12 inches Long, White Nickel Finish Each \$0.70

GAS AND SPARK CONTROL

PREMO

For Ford Cars.



The teeth on the quadrant of the Ford Spark and Throttle Control soon wear off. This allows the lever to slip down and open the throttle as the car takes the bumps of the road.

The device in the accompanying cut can be attached in less than ten minutes, simply by slipping the polished brass quadrant over the worn teeth of the old one and fastening the friction device to the levers.

The advantages of this new control are many. It will last indefinitely.

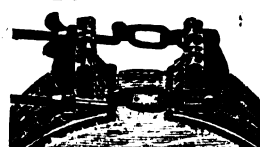
- No. 25—Premo Gas and Spark Control for Ford Cars... Each \$1.35

Note—When Ordering, Always State if Wanted for Cars Previous to 1915 or for Cars 1915 and Later.

TRANSMISSION BAND CLAMP

PREMO

For Ford Cars.



With this device the bands in the Ford Transmission can be replaced in one-quarter the time usually necessary to do this troublesome job. The bands are held firmly around the drums with the ears in perfect position to permit of slipping the three shafts in place as the cover goes down and the clamp is then removed through the small door in transmission case cover. This eliminates the danger of injuring the felt gaskets in attempting to fit the shafts in place one at a time while pushing down the cover and insures against oil leaks caused by torn or turned-over gaskets.

- No. 50—Premo Transmission Band Clamp for Ford Cars Each \$0.70

DOOR AND HOOD ANTI-RATTLE

C. B.

Flat Design.

Absolutely eliminates the rattle and noise of loose doors on your car.

Attached in a minute to the door-stop with two small screws.

Allows easy closing of doors without noise.

Throws open door when unlatched.

Nothing can catch to it.

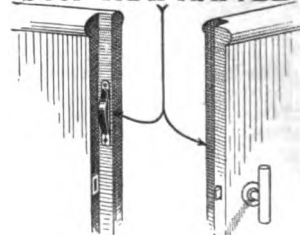
The very best for house doors and windows.



Cut Showing Anti-Rattle.

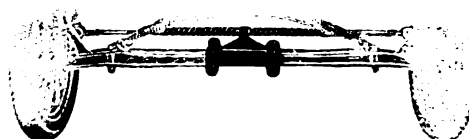
- No. C. B.—2 1/2 inches Long, Made of High Grade Clock Spring Steel, Complete with Screws..... Per Dozen \$3.50

STOP THAT RATTLE



Cut Showing Anti-Rattle Attached to Auto Door.

WALKER STEER-EZER FOR FORD CARS



Makes any Ford car steer as easily as the most expensive car equipped with an irreversible steering gear. Makes driving a real pleasure instead of a test of nerve strength.

The Steer-ezer keeps the car running straight, no matter how rough the roads. Strong reciprocating coiled springs take up the side play and practically last forever. Does not replace or interfere with any part of the regular Ford steering equipment. It simply increases its strength, efficiency and convenience.

- No. 17—Walker Steer-ezer for Ford Cars..... Each \$3.50

SHOCK ABSORBERS

STONE

Guaranteed to Make a Marked Improvement in the Riding Quality of Any Car.

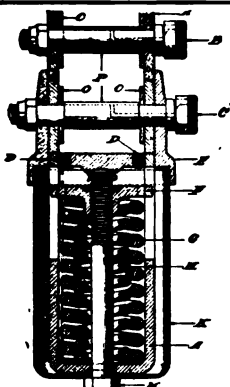
Two pair of busy, sturdy steel-coiled springs are always on the alert to catch the jars of the road on their way to the rider. Blows too big for the tires they smother and kill. Blows too quick for the springs cannot escape them.

Stone—Double Cushion Spring Construction, Adjustment for Road and Load Conditions with Range of 1500 Lbs., Double Bearing for Moving Parts, Coil Springs Have 2 in. of Action which Gives 25 Per Cent Greater Cushion Effect than Other Makes, Absorbs Jolts and Jars of Rough Roads, Absolutely Prevent Snappy Rebounds.....\$13.50

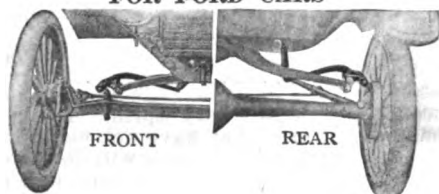
NOTE—When Ordering, Always Give Make, Model and Year of Car, Also State if Wanted for Roadster or Touring Car.



Applied to Three-Quarter Elliptic Spring.



Cut Showing Construction Details.

SINGLE CANTILEVER SPRINGS
FOR FORD CARS

Per Set of 4

No. 10—Single Arms, 4 Coil Springs to a Set, Bearings Bushed with Bronze, Spring Bolts Have Grease Cups, the Front Set Fits on the Regular Suspension Perch and a Special Perch for the Rear Set is Furnished..\$7.30

Built strongly and substantially and give real service. They absorb the short vibration when riding over the pavement and smooth out the big bump in the country road. The coil spring attached to the long lever arm compensates each jolt instead of transmitting it to the body of the car.

DOUBLE CANTILEVER SPRINGS
FOR FORD CARS

Front.

Rear.

Per Set of 4

No. 15—Double Arms, 8 Coil Springs to a Set, Bearings Bushed with Bronze, Spring Bolts Have Grease Cups, the Front Set Fits on the Regular Suspension Perch and a Special Perch for the Rear Set is Furnished.....\$10.70

These Double Cantilever Springs improve the riding qualities of a Ford car beyond belief. The thrust of the wheels against the body of the car is so softened that while the wheels and axle are in continuous vibration, still the car body floats along like a boat—free from jolt or jar.

"BEST" AUTOMATIC, FOR FORD CARS

Cushions of Comfort.

Two dependable compression springs form a perfect pneumatic cushion for each of four corners of the car.

Positively rigid as to end, fore and aft movement, thus adding to and not subtracting from regular spring equipment value.

So constructed that if any spring develops a break in service the running gear is still hooked up, thus guaranteeing absolute safety.

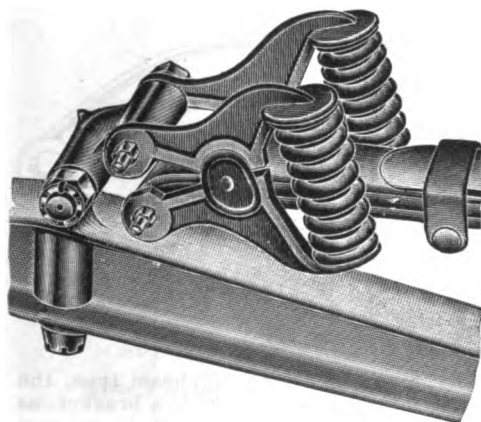
First cost is only cost. No installation charges, changing of parts, removing wheels, etc. Come ready set to slip in place, remove spring shackles, insert hollow bolts furnished, the absorbers are installed.

Made mechanically correct from finest malleable castings, equipped with hollow bolts and oil cups, guaranteed against breakage. One set complete in box.

Per Set of Four

No. 18—"Best" Automatic, for Ford Cars.....\$7.50

NOTE—When Ordering, Always Specify Whether for Touring, Runabout or Delivery Cars.



No. 18.

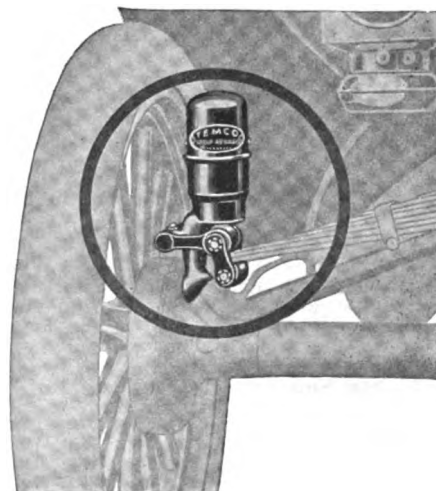
TEMCO, FOR FORD CARS ONLY

Temco Shock Absorbers represent the scientific application of a system of double spiral auxiliary springs—between the car and its body—to take and absorb the shock or jerk or jolt before it can reach the body and its occupants.

The old pitching, jerking and jolting over the rough places is a thing of the past. The irritating vibration ceases. Temco Shock Absorbers give a gentle up and down buoyant swing on the roughest going. They take up all the sharp jars of paved streets. Stiffness vanishes. They give the car great flexibility—making steering easy as on the smooth street—reduce friction between motor and running gear—preserve the alignment—save repair and upkeep expense—save tires—keep the car in better condition, thus adding to its sales value.

Per Set of Four

No. 20—Temco, for Ford Cars Only.....\$15.00

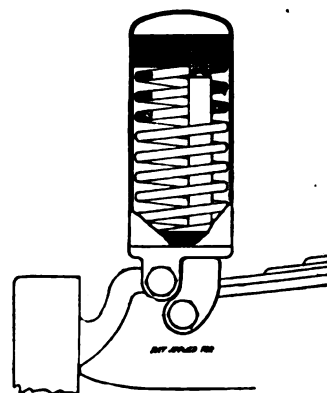
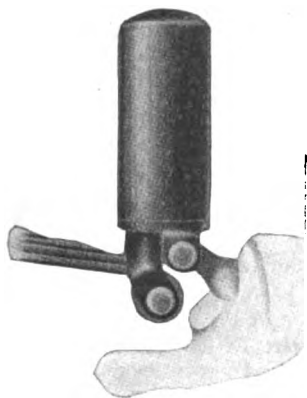


No. 20.

SHOCK ABSORBERS

NOXALL, FOR FORD CARS

No More Fictitious Values.



Noxall Shock Absorber—1915 Ford Special.....

Per Set of Four
\$5.00

The first high grade Shock Absorber for Ford cars at a medium price. Not an auxiliary spring, but a real Shock Absorber that actually absorbs shocks. It incorporates no materials or mechanical features that have not been tried.

Your car actually rides on air when you equip with Noxall. Note specifications carefully and you will decide on its merits.

Springs—Vanadium alloy, crucible steel; carefully tempered and tested. Are of flat coil spring type and the only flat coil springs used in Shock Absorbers of this type.

Finish—Smooth two coats hard black enamel, baked, making the most handsomely finished Shock Absorber that has ever been offered. The Noxall can be applied to any Ford car in twenty to thirty minutes, without the use of any tools but a wrench. It is not necessary to use a jack and does not require the removal of wheels or the changing of spring hangers.

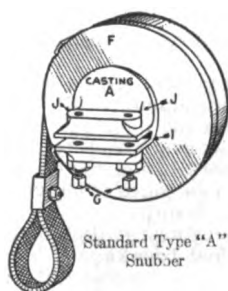
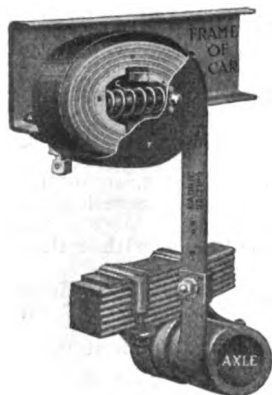
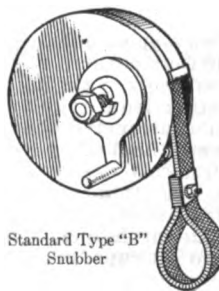
The Noxall is the easiest riding Shock Absorber that has ever been offered for use on Ford cars on account of its scientific patented construction, permitting the springs to vibrate without any strain other than that imposed by the load of the car. There is no side sway, strain or friction to reduce the vibration to secure perfect riding qualities.

Noxall Absorbers do not interfere with steering knuckles.

GUARANTEE—Guaranteed for life if properly lubricated. If we ever have to replace parts, we do so cheerfully and without cost. There is no time limit on our guarantee.

GABRIEL REBOUND SNUBBERS

A Device that Keeps You on the Seat When the Roads are Rough.

Standard Type "A"
SnubberStandard Type "B"
Snubber

Can furnish special type Snubbers for wood frames or steel frames with filler.

No Noise, Rattle or Adjustment.

Snubbers are a necessity on every type of car regardless of its size or style of spring suspension.

The Type "A" Snubber is easily attached by clamping on the flange of the channel frame without drilling or disfiguring it.

The Type "B" Snubber is for use on the front of the car where special parts prevent the mounting of the Type "A" Snubber on the inside of the flange. The Type "B" Snubber is also used in extremely rare cases on the rear end of the car, where there may be obstructions preventing the mounting of Type "A" Snubber on the inside of the frame.

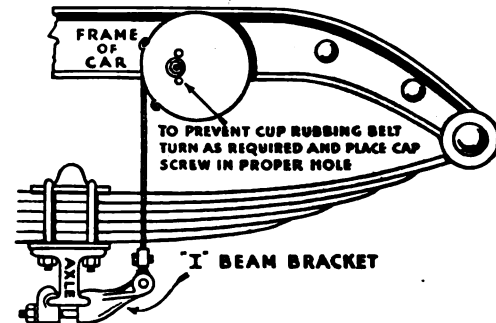
A Set of Gabriel Snubbers Consists of Two for the Front Springs and Two for the Rear Springs.
Black Enameled.

	Per Set	Per Pair
No. 1—1½ x 4 7/8 inch Cup, for Cars Weighing Less than 2000 Lbs.	\$36.00	\$18.00
No. 2—1½ x 5 7/8 inch Cup, for Cars Weighing 2000 to 3200 Lbs.	48.00	24.00
No. 3—1½ x 5 7/8 inch Cup, for Cars Weighing More than 3200 Lbs., Also for Light Delivery Trucks	60.00	30.00

NOTE—Above Prices are for Standard Type "A" and Type "B" Snubbers. There is an Extra Charge of \$1.00 to \$2.50 for Special Snubbers or Fittings.

NOTE—When Ordering Mention Name, Model and Year of Car; if Pairs Only are Wanted State Whether for Front or Rear of Car.

No matter how easy a car may ride, snubbers will make it ride better because they do not spoil any of the good qualities of the springs, but assist them in doing their work by keeping them under perfect control at all times, regardless of road conditions or weight of load.



If the axle is of the "I" beam type, the belt is fastened to same with a bracket, as above illustrated, otherwise it is secured snugly around the axle. Only a few minutes are required for fitting.

AUTOMOBILE BUMPERS

GEMCO

This page describes several models of the Gemco Bumpers. If you wish to order any that are not listed, including Bumpers for 1917 cars, merely specify on your order blank the particular car and the year that it was made, and we will then be able to give you exactly what is wanted. Of course, it is necessary to always state which kind of a Bar is desired, whether Diamond or Channel style.

All of the different types of Gemco Bumpers have been designed so that they can be fitted to the many different cars without requiring alterations or changes on the frame or the mud pans. Not even do holes have to be drilled into the frames. Neither will bolts have to be removed.

NOTE—Always order by Stock Number if the particular Bumper as mentioned on this page is suited for the particular Car, and always specify whether Channel or Diamond Bar is wanted.

GEMCO SPECIAL

Gemco Special Bumpers are positively universal in their adaptation to practically every car that has a projecting frame, also those that have mud pans.



Cut Shows Diamond Bar.

Its adjustable clutch, with which the Bar may be raised or lowered to arrange for the desired angle of the frame, makes this Bumper so generally suitable.

With 2 inch Channel Bar.	
	Each
No. S52N—Nickel Finish.....	\$8.65
No. S53B—Black Finish.....	8.00
Weight Each 16 Pounds.	

With 1 3/4 inch Channel Bar.	
	Each
No. S54N—Nickel Finish.....	\$8.00
No. S55B—Black Finish.....	7.35
Weight Each 14 Pounds.	

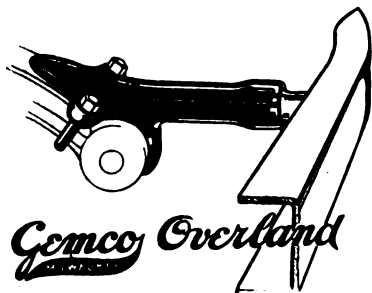
With 1 3/4 inch Diamond Bar.	
	Each
No. S56N—Nickel Finish.....	\$12.65
No. S57B—Black Finish.....	10.65
Weight Each 16 Pounds.	

With 1 3/4 inch Diamond Bar.	
	Each
No. S58N—Nickel Finish	\$11.35
No. S59B—Black Finish	10.00
Weight Each 14 Pounds.	

With 1 3/4 inch Diamond Bar.	
	Each
No. S60N—Nickel Finish	\$10.00
No. S61B—Black Finish	8.65
Weight Each 13 Pounds.	

GEMCO OVERLAND

This Bumper is Also Suitable for the 1916 and 1917 KisselKar.



Cut Shows Channel Bar.

With 2 inch Channel Bar.	
	Each
No. 0177N—Nickel Finish	\$8.65
No. 0178B—Black Finish	8.00
Weight Each 16 Pounds.	

With 1 3/4 inch Channel Bar.	
	Each
No. 0179N—Nickel Finish	\$8.00
No. 0180B—Black Finish	7.35

With 1 3/4 inch Diamond Bar.	
	Each
No. 0181N—Nickel Finish	\$12.65
No. 0182B—Black Finish.....	10.65

With 1 3/4 inch Diamond Bar.	
	Each
No. 0183N—Nickel Finish.....	\$11.35
No. 0184B—Black Finish.....	10.00
Weight Each 14 Pounds.	

With 1 3/4 inch Diamond Bar.	
	Each
No. 0185N—Nickel Finish.....	\$10.00
No. 0186B—Black Finish.....	8.65
Weight Each 13 Pounds.	

GEMCO CLAMP-ON TYPE, FOR FORD CARS

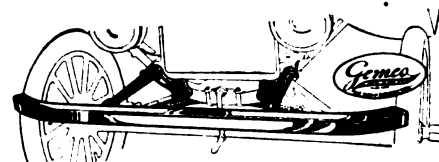
Every Ford Car should be equipped with a Gemco Clamp-On Bumper. It not only acts as a protection, but greatly improves the appearance by seemingly giving the car a longer wheel base.

With 2 inch Channel Bar.

	Each
No. F477N—Nickel Finish	\$8.35
No. F478B—Black Finish	7.65
Weight Each 28 1/2 Pounds.	

With 1 3/4 inch Channel Bar.	
	Each
No. F479N—Nickel Finish.....	\$8.00
No. F480B—Black Finish.....	7.00
Weight Each 26 Pounds.	

With 1 3/4 inch Diamond Bar.	
	Each
No. F483N—Nickel Finish.....	\$10.65
No. F484B—Black Finish.....	9.85
Weight Each 26 Pounds.	



Cut Shows Channel Bar.

With 1 3/4 inch Diamond Bar.	
	Each
No. F485N—Nickel Finish.....	\$9.35
No. F486B—Black Finish.....	8.00

All Standard Packages of Any Kind of Gemco Bumper Contain Five Bumpers. Each One Being Separately Packed.

SPECIAL WRENCHES FOR USE ON FORD CARS

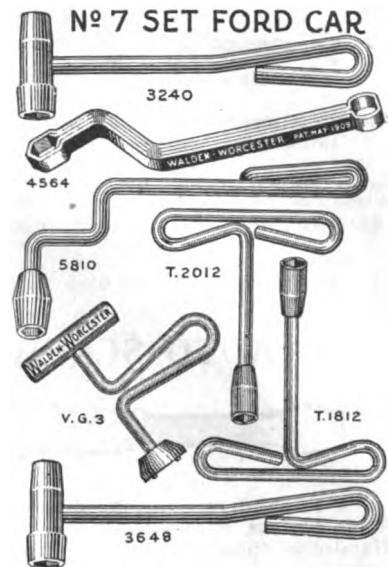
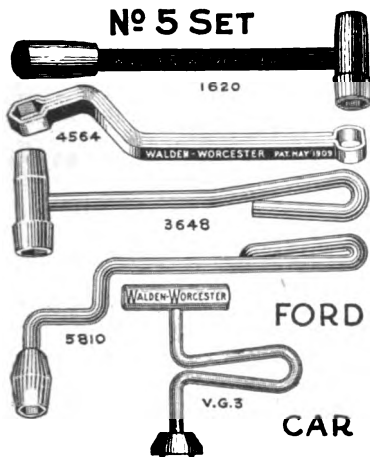
WALDEN-WORCESTER

For repairing and overhauling Ford Cars this is a most complete line of real tools which will be valued by every good mechanic. Every tool has been proven out in actual service for this work.

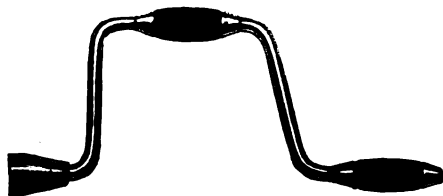
All parts of these wrenches are made of steel, the sockets are machine turned and broached $\frac{1}{8}$ inch over size making a perfect fit for the nuts.

No. 5 Set—Consists of One Each Nos. 1620, 4564, 3648, 5810 and V. G. 3 Tools, All Very Essential Tools About a Ford Car.....**\$3.00**

No. 7 Set—Consists of One Each Nos. 3240, 4564, 5810, T2012, T1812, 3648 and V. G. 3 Tools, for Overhauling and Repairing a Ford Car this is the Most Complete Set of Real Tools, Every Tool is Proven Out in Actual Service.....**4.40**



BRACE SOCKET WRENCHES



The Popular Tool for Use on Demountable Rims.

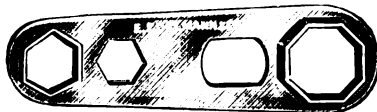
No. D. G. B.—10 inch Steel Sweep, Double Metal Handles, Steel Socket, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ and $\frac{3}{4}$ inch Opening**\$0.95**

The sockets are machine turned and broached to size, properly case hardened and applied to the rod by a special process; will not twist or shear off.

Note—When Ordering, State Size Socket Wanted.

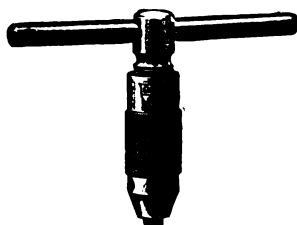
HUB CAP WRENCHES

FOR FORD CARS



No. 34—8 $\frac{1}{2}$ inches Long, Made of Pressed Steel, Handsomely finished, Fits the Ford Hub Cap as Well as Other Important Connections, Very Useful.....**\$0.18**

GOODELL-PRATT



Extra Long and Knurled Nut.

Nos.	88	89
Capacity, Inches	$\frac{3}{8}$	$\frac{1}{2}$
Per Dozen	\$8.00	10.50

Very convenient for holding small drills or taps. The jaws are hardened and tempered.

AUTOMOBILE WRENCHES

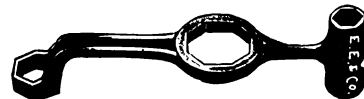


With Tire Lever.

No. 25—11 inches Long, 2 $\frac{1}{2}$ x $\frac{1}{8}$ inch Jaws, Opens 2 $\frac{1}{2}$ inches, Drop Forged High Grade Steel, Black Nickel Finish, a High Grade Wrench, Must be Seen to be Appreciated.....**\$16.00**

HUB CAP AND CYLINDER BOLT WRENCHES

COMBINATION, FOR FORD CARS

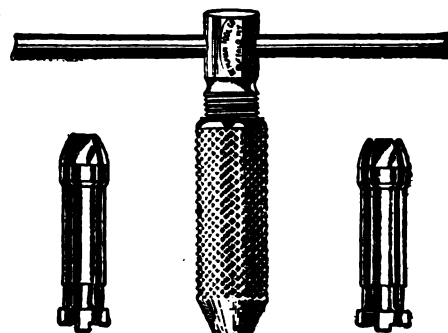


No. 21—9 inches Long, Made of Malleable Iron and is Very Strong, Nicely Japanned, Very Popular and in Big Demand.....**\$0.33**

One in a Box.

TAP WRENCHES

2-IN-ONE



No. 21—2-in-1, High Carbon Spring Tool Steel Collets, Holds Drills $\frac{1}{8}$ to $\frac{1}{4}$ inch and Taps $\frac{1}{8}$ to $\frac{3}{8}$ inch...**\$1.00**

PICKUP PLIERS



Extended.



Folded.

Pickup Pliers—21 inches Long when Extended, 7 inches Long when Folded, Nickel Plated.....\$8.00

A handy device for automobile use, such as picking out wrenches, spark plugs, screw drivers, bolts, nuts or anything that might drop in the pan, transmission case, gas tank, etc.

Can also be used for cleaning the motor by placing a piece of waste in the end and dipping in gasoline, thereby reaching any part of the motor.

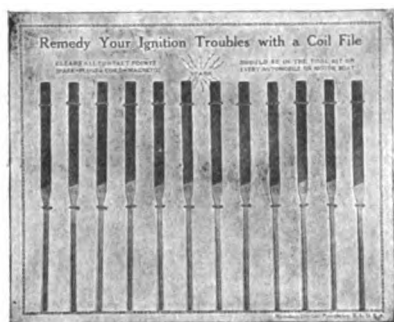
AUTO SCREW DRIVERS



A screw driver for the heavy work. One you can't break. Made for the hardest abuse and will stand any amount of it. Handle is fluted and natural finish. Square steel blade—that you can't hurt with a wrench.

No. 112—2 1/2 inch Blade, Fluted Hardwood Handle...\$8.85
No. 112—3 inch Blade, Fluted Hardwood Handle... 4.35

PLATINUM AND COIL FILES



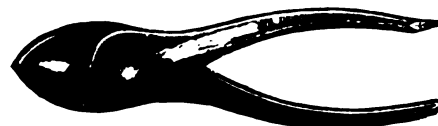
Keep Clean All Spark Gaps, Spark Plugs, Magnetos, Ignition Coils and Contact Points, Make Motors Run Smoothly.

No. 12—Highest Grade File Steel, Uniform Thickness, Bevel Pointed, with Handle in One Piece.....\$2.70

One Dozen on a Card to Stand on Counter.

COMBINATION PLIERS

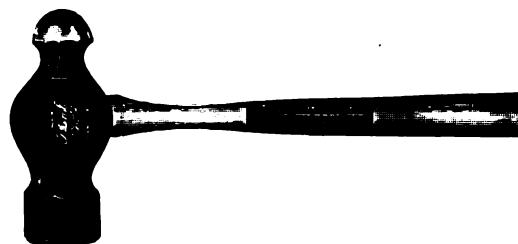
BADGER



Badger—5 inches Long, Forged Steel, Nickel Plated, Fully Warranted\$5.00

One in a Box.

HAMMERS



No. 0872—Ball Pein, Octagon Body, Hand Forged Steel, Non-Rusting Finish, 10 inch Hickory Handle, Weight Each without Handle 12 Oz., Fits Into a Regular Auto Tool Kit.....\$7.00

AUTOMOBILE SPADES

TRUE TEMPER



No. ASW—5 1/2 x 6 inch Hand Forged Tool Steel Blade with Solid Shank, Polished and Gold Lacquered, Polished White Ash Handle with Malleable Iron D, Plain Ferrule and Cap, Length Over All 19 inches, without Canvas Bag, Weight Each 22 Oz.....\$9.00

Extra—Canvas Bag for Covering Blade of Spade, Fitted with Glove Fasteners..... 2.00

Very light, can be carried in tool box or under seat, and can be used in close quarters in mud-hole or snow-bank. Just the thing for digging ferns and wild flowers on holiday trips.

AUTOMOBILE ENGINE HEATERS

HUGHES

A Warm Automobile in a Cold Garage.

Just connect to your electric light socket the Hughes Electric Heater, place heater in automobile hood, and turn on the current.

Car Safe in Freezing Weather.

No matter how cold the weather gets during the night, your automobile radiator remains safe from freezing.

Warm and Ready in the Morning.

A warm engine, a warm radiator. No damage and loss of time from freezing. And all at a small expense.



No. 1—Complete with 10 feet Cord and Attachment Plug, Can be Attached to Any Electric Light Socket and Uses Either Direct or Alternating Current, Delivers a Powerful, Uniform Heat for Less than 1 Cent an Hour.....\$4.00

AUTOMOBILE JACKS

ALL STEEL, FORD



The all steel Jack is a light, strong, compact ratchet Jack for cars weighing 2000 lbs. or under. Built and finished in high grade manner.

No. 10—Capacity 1000 Lbs., Height 10 inches, Raise 10 inches, Weight Each 2 3/4 Lbs.,\$1.20

BADGER FOOT LIFT



Most powerful one ton Jack made. Best material and workmanship, short stroke, pawls automatically lock. Foot lift for different height axles.

No. 7—Capacity 1 Ton, Height 11 inches, Raise 11 inches, Height of Foot 7 1/2 inches, Weight Each 10 Lbs.....\$3.60

BADGER ADJUSTABLE FOOT LIFT



Designed to be used on cars with different height front and rear axles, also to meet conditions when touring. The foot may be set at any height that the axle may be from the ground.

No. 6—Capacity 1 Ton, Height 11 inches, Raise 6 inches, Foot Lift Adjustment Exclusive of Raise; Lowest 4 3/4 inches, Highest 10 3/4 inches, Weight Each 12 Lbs.....\$4.20
No. 06—Capacity 3/4 Ton, Otherwise Same as No. 6, Weight Each 9 Lbs..... 3.40

PERFECT SCREW

Malleable Iron, Steel Screw.

Strong malleable iron stand, gears and handle, cut steel screw, not cheap rolled thread, gears accurately machined and mesh perfect. Strong and will stand hard use.

No. 1P—Capacity 1 Ton, Height 10 inches, Raise 7 1/2 inches, Weight Each 5 Lbs.....\$1.50

EUREKA SCREW

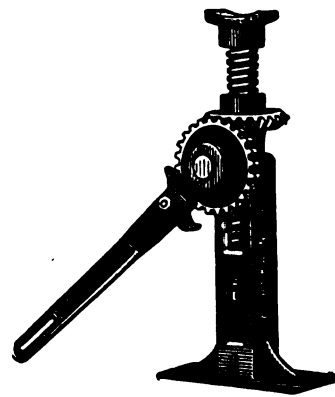
High Grade Malleable Iron, Best Steel Screw, Aluminum Finish.

Nos.	OE	1E	2E
Capacity, Lbs.	1500	1500	3000
Adjustment, Inches	8 to 13	10 to 17 1/2	13 to 20
Weight Each, Lbs.	4	5	10
Each	\$1.00	1.20	4.00

These Jacks have double the speed of the ordinary Jack.



Perfect Screw.



Eureka Screw.

TIRE SAVERS

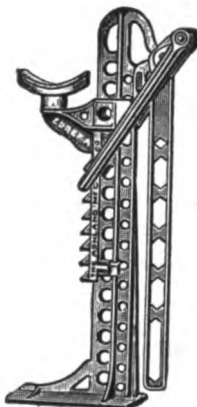
FRANKFURTH



Made of best cold rolled steel, with leather cushion, finished in durable black enamel. Unequaled for strength and ease of operation.

No. 3F—Capacity 2500 Lbs., Each, Height Adjustable to Any Car from 13 3/4 to 18 1/2 inches, Weight Per Set Boxed 20 Lbs.....\$5.60
One Set in Wooden Box.

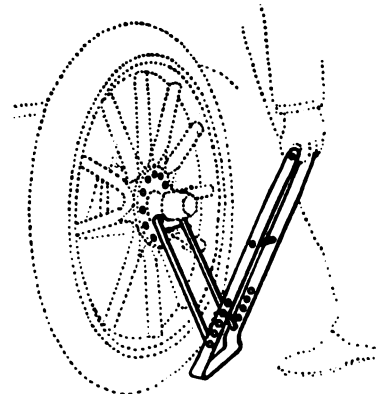
EUREKA



Made entirely of malleable iron with an aluminum finish. Fitted with leather faced saddle and swivel top for use under hub or axle. Easily adjusted to any height car and will raise 2 1/2 inches with one lift.

Per Set of 4
Eureka Tire Saver—Weight Per Set of Four 30 Lbs.....\$6.50

"M. B."



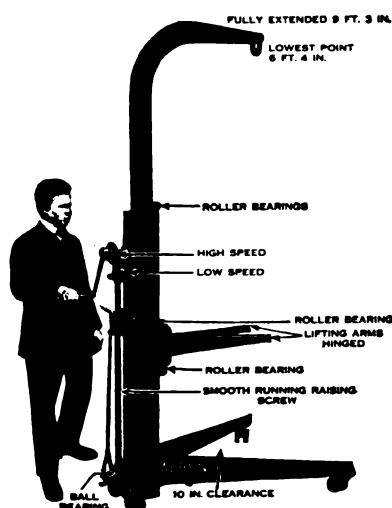
Flat Steel Frame, Aluminum Finish, Black Enamelled Handle, Leather Padded Saddle.

These Jacks are light, easily placed in position and will not topple over. They are heavily padded with harness leather where the hub rests.

Nos.	1	2	3
For Wheels, In.	28, 30	30, 34	34, 38
Wt. Per Set, Lbs.	17	25	30
Per Set of Four	\$3.00	4.00	4.74

PORTABLE JACK AND CRANE

ALBEN GIANT



Built of Steel.

Each

Alben—Guaranteed Lifting Capacity 4000 Lbs., Height Fully Extended 9 feet 3 in., Roller and Ball Bearings, High and Low Speed, Hinged Lifting Arms, Weight Each 300 Lbs. \$170.00

No Chains or Ratchet. It is so constructed that it locks automatically at any point, and the load may be raised or lowered to a decimal fraction of an inch.

Has Two Speeds. One for heavy lifting and a very speedy arrangement for lowering the load or for light work.

A One Man Operated Time, Labor Saving and Safety Device. Every garage needs it as it is particularly adapted for taking out transmissions, engines, etc. If arms are in the way when using Boom only, they can be pushed back out of the way.

The Boom can be easily taken out when using arms only as a Giant Jack.

Machine Shops find it very handy for lifting castings, forgings, machinery, etc., and on account of the fine thread raising screw, machinery may be spotted with ease and exactness.

AUTO BLOCKS

LITTLE GIANT

Roller Bearing.

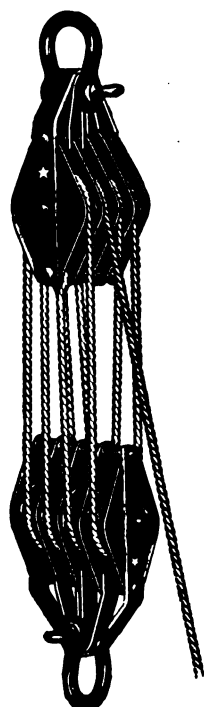
All automobiles should have a set of Little Giant Auto Blocks included in their repair kits.

No. 501—Little Giant Auto Blocks consists of 2 Four Sheave Blocks with Iron Sheaves Equipped with Hardened Steel Roller Bearings, Which Reduces Friction to a Minimum, Steel, Forged Steel Shackle Attachment, for ½ inch Rope, Without Rope \$6.00

Weight Per Set 8 Pounds.

One pound pull on the rope of this set of blocks means about eight pounds pull on the object to be moved or lifted.

These Blocks are light and compact and not only handy for road emergencies but are useful for lifting purposes in and around garages.



AUTOMOBILE TOW LINES

EXCELSIOR



This Tow Line is capable of holding over 3 tons, yet occupying less than one-third the space of a manila rope of equal strength. Easily handled and may be attached to car by two soft manila slings which will not mar the car in the least.

Each

No. 516—½ inch Best Quality Excelsior Steel Wire Rope, with Two Soft Manila Slings Preventing Damage to Paint, Weight Only 6½ Lbs., Put Up in a Compact Coil of About 12 inches Diameter and Packed in a Neat Canvas Bag..... \$6.00

HOOKLESS



Cut Showing Method of Attaching.

Very Best Manila Rope.

Has no hooks to shake loose or other metal parts to scratch or mar the car. Easy to attach and remove. All parts hand spliced. No knots to tie or untie. Can be used for a hundred and one different purposes that would ruin a steel wire rope.

Each

No. 28—28 feet Long, ⅝ inch Diameter, Breaking Strain 4000 Lbs. \$2.40

SPRING LEAF SPREADERS

KNOWLSON'S



Lubricate your spring properly and your car will ride 100% easier.

The annoying squeak will be stopped, assuring you more comfort and pleasure.

Easily operated and adjustable to any size spring. Clips need not be loosened or removed. It spreads the leaves just enough to insert the lubricant without marring the paint, operates quick and easy.

Each

No. 94—Made of Drop Forged Steel, Handsomely Nickel Plated and Polished, Weight 15 Oz., Stops the Squeak \$2.00

HARGRAVE, FOR FORD CARS



Per Dozen

No. 95—Frame Made of Best Malleable Iron, with Pointed Chrome Nickel Steel Screw Hardened and Drawn in Oil, Very Easily Adjusted, Prevents Breaking and Bending, for Springs 1¼ to 3 inches Wide, Weight Per Dozen 5 Lbs. \$4.50

LICENSE PAD BRACKETS

"NEVEROUT" FRONT, FOR FORD CARS



- No. 97—Stamped Heavy Gauge Steel, Black Enameled, Complete with Bolts and Nuts, Clamps Tag to Cross Member of Axle, Does Not Interfere with "Cranking" Per Pair \$0.25

"NEVEROUT" FRONT ROD



- No. 95—Consists of Two Black Enameled Heavy Gauge Steel Clamps Complete with Bolts and Nuts, will Clamp Tags, with or without Slots, to Any Size Rod Between Headlights Per Pair \$0.25

"NEVEROUT" RADIATOR CAP



- No. 9—Heavy Gauge Stamped Steel, Black Enameled, Complete with Bolts and Nuts, Fits Water Filler on Majority of Cars, Attached Directly to Water Filler Tube Each \$0.60

"NEVEROUT" REAR



- No. 0-2—Combination Tail Lamp and License Pad Bracket, Heavy Gauge Stamped Steel, Black Enameled, Complete with Bolts and Nuts, Fits Majority of Brackets on Rear of Cars, for Lamps with Round Socket Each \$0.60

OIL TAIL LAMPS



- No. 24—Heavy Steel Body, Black Enameled, Semaphore Type Crystal and Ruby Lenses, Large White Lens Showing on the Number..... Each, \$3.00

In Lots of Six..... 2.40

ELECTRIC TAIL LAMPS

VESTA

Constructed to Illuminate License Plate at Side.

Black Japan Finish.



- No. 315—3 1/2 inch Diameter Red Semaphore Lens, White Glass at Side, No. G6—2 C. P. Bulb with Single or Double Contact Connector, Fits Flat or Round Brackets Each \$1.50

NOTE—When Ordering, Always State if Single or Double Contact Connector is Wanted. Double Contact Connector Furnished Unless Otherwise Ordered.

AUTO WINDSHIELD SPOT LIGHTS

"OLD SOL"

Side View
OLD SOL
SPOTLIGHT
No. 77



- No. 77—6 inch Door, Black Enameled Body, Focusing Device Operated by an On and Off Switch in Handle, Highly Polished Genuine Silvered Reflector, 3 inch Diminishing Mirror Attached to Lamp which can be Adjusted to Any Angle, 24 C. P. 6-8 Voltage Nitrogen Bulb, Complete with 5 ft. Finely Braided Duplex Cable with Copper Terminals and Universal Bracket Adjustable to all Straight or Tapering Windshield Uprights..... Each \$6.50

Side View
OLD SOL
SPOTLIGHT
No. 70



- A Very Powerful Searchlight.
No. 70—7 inch Door, Black Enameled Body, Focusing Device Operated by an On and Off Switch in Handle, Highly Polished Genuine Silvered Reflector, 4 inch Diminishing Mirror Attached to Lamp which can be Adjusted to Any Angle, 24 C. P. Nitrogen Central Beam Bulb, Complete with 5 ft. Finely Braided Duplex Cable with Copper Terminals and Universal Bracket Adjustable to all Straight or Tapering Windshield Uprights..... Each \$9.00

OLD SOL NITROJECTOR

Front View
OLD SOL
NITROJECTOR
No. 100



The 100% Perfect
Spotlight.

The only Spotlight with
Double Light Control and
No-Glare Device.

Complies with every
law for No-Glare Lighting
Devices.

Has Three Sets of Sil-
vered Reflecting Sur-
faces.

Has a Concealed Pilot
Bulb invisible to the eye.

- No. 100—8 inch Black Enameled Body, Focusing Device Operated by an On and Off Switch in Handle, Three Sets of Silvered Reflecting Surfaces, 4 inch Adjustable Diminishing Mirrorscope, 24 C. P. Nitrogen Central Beam Bulb and a Pilot Bulb for 6-8 Voltage, Complete with 5 ft. Finely Braided Duplex Cable with Copper Terminals and Universal Bracket Adjustable to all Straight or Tapering Windshield Brackets Each \$13.00

EXCLUSIVE FEATURES

A device turns shutter over bulb up or down. Another device locks shutter in position for sliding. A thumb screw slides shutter open or closed over bulb. A double cylinder shutter controls height of light.

- No. 18—Special Bracket for Studebaker Cars, When Ordering Always State if Wanted for No. 77, 70 or 100 Spotlight Each \$0.60

AUTO WINDSHIELD SPOTLIGHTS

VESTA



In this latest Spotlight with Mirror Attached and Switch in Handle, we present the finest Lamp of its kind in the country.

POINTS OF SUPERIORITY

Switch in handle, right at your finger tips. Machined Tapered Joints, easy manipulation and ability to stay put, possible only with this construction. Malleable Iron Bracket, no danger of this bracket snapping off. Hinged Doors. Heavy Gauge Cold Drawn Steel Body. German Silver Handle Cap, this spot gets all of the wear, German Silver will not tarnish.

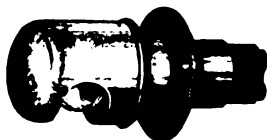
Black Japan Finish.

No. 193—7 1/4 inch Diameter Over All, Heavily Silver Plated Brass Reflector, 3 inch Convex Condensing Mirror Placed so that it can be Conveniently Focused Allowing a Full View of the Road Behind, No. G12—21 Candle Power Mazda Nitrogen Filled Bulb, with Double Contact Bayonet Base, Complete with 5 ft. Good Double Conductor Cord, for Bracket See Note Below.....\$10.65

No. 197—6 inch Diameter Over All, Otherwise Same as No. 193 9.35

NOTE—When Ordering, Always Mention Make and Model of Car and the Proper Bracket will be Supplied.

GAUGE LAMPS



Brass, Heavily Nickel Plated.

No. 98—Distance from Dash to Bulb 1 1/4 inches, Complete with No. G6-2 Candle Power Bulb with Double Contact Bayonet Base.....\$1.00

AUTO LAMP BURNERS

GENUINE GERMAN LAVA TIP



No. 11—Alco, Size 5/8 feet.....\$3.00
No. 12—Alco, Size 3/4 feet..... 3.00

The largest seller and best known lamp burner in the world. Warranted unsurpassed in candle power or life.

Buster—American Lava, 3/4 ft.....\$1.00

AUTOMOBILE TROUBLE LAMPS

POMO



Will Stand a Lot of Abuse Without Breaking.
Hangs From Coat Button Hole, Car Dash Inside Motor, Gasoline Tank or Auto Top; In Fact Goes Anywhere.

No. 31—Pomo, 4 1/4 inches Long Over All, Nickel Plated and Polished, Complete with 4 Candle Power Round Bulb, 10 ft. of Silk Covered Cord, Ediswan Plug or Spring Clip Terminals, Put Up in a Neat Plush Bag\$3.50

COMBINATION DASH LIGHT AND ILLUMINATED CLOCK

NEVEROUT, FOR FORD CARS



Made to attach to 1915, 1916 and 1917 Model Ford cars with the cowl dash and clamps directly to angle iron beneath windshield. The time piece is securely attached to prevent its being stolen. The dial is very legible and an opening in bottom reflector shield illuminates dial plainly at night.

Beneath the reflector shield is the bulb which illuminates the entire dash and foot board and shining up through the opening at the same time illuminates dial of time piece.

The bulb is run direct from magneto.

No. 202—Japanned Steel Frame and Clamps, Complete with Clock, Bulb and Wire.....\$4.50

ELECTRIC FANS

POLAR CUB



The Polar Cub Fan solves the problem of the individual fan for office, home, store, hotel, hospital, etc.

It operates on either direct or alternating current—105 to 115 volts—30 to 60 cycle at the same rate of speed for either current.

The average cost is six hours for one cent.

It is impossible to get a shock from this fan.

No. 500—Finished in Rich Velvet Black, Nickel Plated Standard and Blades, Nickel Plated Brush Holders, Heavy Felt Padded Base, Complete with Cord and Plug, Net Weight Each 3 1/2 Lbs.\$8.30
One in a Carton.

DEFLECTOR LENSES

OSGOOD



A prismatic glass lens that fits into the lamps in place of plain glass. Does not dim or diffuse the light, but deflects it downward along the ground.

Lights ample distance ahead for highest speed.

No blinding glare.

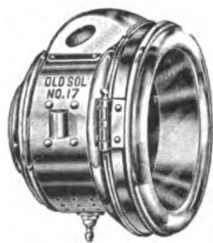
Places light where needed.

The Osgood Lens—because of its deflecting power due to its prismatic principle—casts the light rays exactly where you need them—on the road far ahead and to both sides. With rays only $3\frac{1}{2}$ feet high, they are below the eye level of approaching drivers or pedestrians.

Nos.	0	1	2	$2\frac{1}{2}$	3
Diam. of Illuminating Opening, Inches...	$6\frac{1}{4}$	$6\frac{3}{4}$	$7\frac{1}{4}$	$7\frac{3}{4}$	$7\frac{7}{8}$
Full Diam., Inches...	7	$7\frac{1}{2}$	8	$8\frac{1}{4}$	$8\frac{1}{2}$
Per Pair	\$3.50	3.50	3.50	3.85	4.20
Nos.	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$
Diam. of Illuminating Opening, Inches...	8	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$	9
Full Diam., Inches...	$8\frac{3}{4}$	9	$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$
Per Pair	\$4.55	4.90	5.25	5.60	5.95
Nos.		6	$6\frac{1}{4}$	7	8
Diam. of Illuminating Opening, Inches...		$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$	$10\frac{1}{4}$
Full Diam., Inches...		10	$10\frac{1}{4}$	$10\frac{1}{2}$	11
Per Pair		\$6.30	6.65	7.00	7.35

MOTORCYCLE LAMPS

"OLD SOL" GAS



Black and Nickel

Each

No. 17—Front Diameter $7\frac{1}{2}$ inches, Height $7\frac{3}{4}$ inches, Width $8\frac{1}{4}$ inches, Depth $5\frac{1}{2}$ inches, Genuine Mangin Mirror Lens 5 inches Diameter, Adjustable $\frac{1}{2}$ foot Burner, Distance Center to Center Props $6\frac{1}{2}$ inches. Fits all Standard Old Sol Brackets, Weight Packed in Carton $3\frac{3}{8}$ Lbs. \$5.00

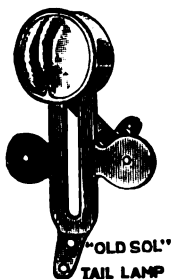
The "Old Sol" Gas Lamp is made of the very best material and beautifully finished. Gives a strong, steady and beautiful light.

MOTORCYCLE TAIL LAMPS

"OLD SOL" GAS

Gray Finish.

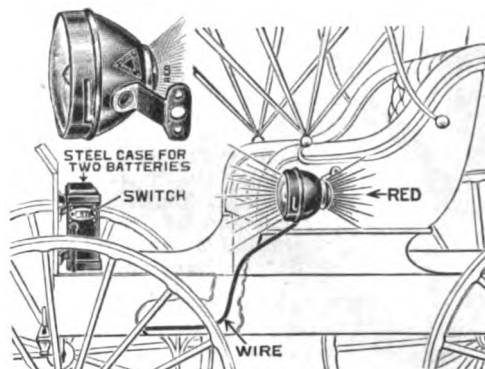
Each



No. 15—Substantial Rear Signal and License Holder for Rear Guard of Motorcycle, Red Glass $2\frac{1}{2}$ inches Diameter, $\frac{1}{4}$ foot Burner, Wire Screen in Base of Lamp for Illuminating License Plate and Ventilation, Off and On Valve in Gas Tube for Regulation of Gas, Bracket with Side Arms for License Bracket and Holes for Entry of Bolts to Mud Guard \$1.60

VEHICLE LAMPS

DELTA ELECTRIC LIGHTING SYSTEM.



Black Enameled Nickel Plated Trimmings.

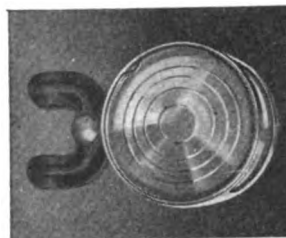
Operates on Two Regular No. 6 Batteries.

Can be Used on Either Side of Buggy.

Per Outfit

No. 32 Outfit—Consists of Headlight Lamp with 3 inch Lens, Silver Plated Parabolic Reflector, Throws Strong White Light Ahead and Red Light to the Rear, Steel Case for Two Batteries, Switch for Turning Light off and on, Arranged with Brackets to Screw Against Dash or Floor, 10 ft. Flexible Waterproof Cord and All Connections Ready for Installing, No. 6 Bulb, $1\frac{1}{2}$ inch Miniature Screw Base, without Battery \$3.00

NEVEROUT ELECTRIC FRONT



Throws powerful light ahead. Has red rear signal and white side light for illuminating curb or step.

Red Rear Signal complies with all traffic regulations.

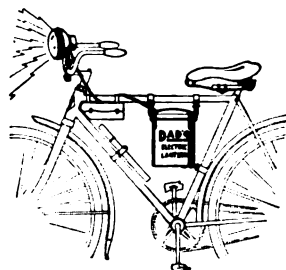
Controlled by an "on and off" at rear of the lamp.

Operates on One or More Regular No. 6 Batteries.

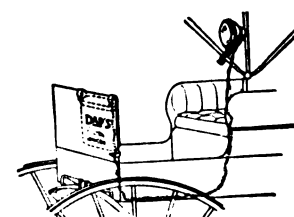
Per Outfit

No. 99— $3\frac{1}{2}$ inch Face with Special Sephamore Glass That Contracts the Rays of Light, made of Extra Heavy Gauge Brass, Nickel Plated, Two 8 Volt 2 Candle Power Bulbs, with Universal Dash Clamp Bracket, Black Enameled, Complete with Wire and Connections, without Battery \$2.50

DAD'S BICYCLE OR VEHICLE



As a Bicycle Lamp.



As a Vehicle Lamp.

For Buggy, Automobile, Motorcycle, Bicycle, Boat, Etc., Quickly Attached.

Black Enameled, Nickel Plated Trimmings.

Operates on One or Two Regular No. 6 Batteries.

Per Outfit

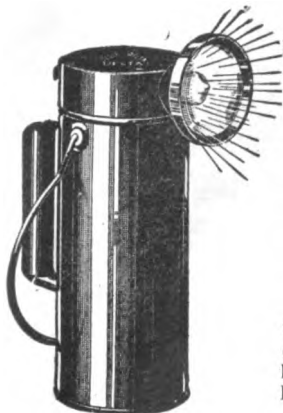
No. 410 Outfit—Consists of 3 inch Diameter Lamp with Powerful Reflector and All Necessary Attachments and Wiring, without Battery \$3.40

The headlight is carefully mounted and accurately balanced on a scientifically tempered elastic steel bracket, automatically adjusting the strain or tension from bumps and jars. The cord is the finest made and waterproof under any and all conditions.

ELECTRIC LANTERNS

DELTA HAND

Operates on Regular No. 6 Battery. Each



No. 7.

No. 7—2 1/4 in. Triple Silver Plated Parabolic Reflector throwing a light for several hundred feet. 8 1/2 inches High, Substantially Constructed of Steel, Handsomely Finished in Baked Enamel, all Trimmings Nickel Plated, High Grade German Silver Contact Switch, No. G6 Bulb, 1 1/2 Volt with Miniature Screw Base, without Battery.

.....\$1.60
An all around house and general utility lamp, especially adapted for outdoor use.

Extra Lenses\$0.30
Extra Reflectors30

One in a Box.

DELTA HAND

Operated on Regular No. 6 Battery.



No. 6.

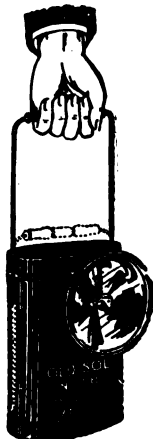
No. 6—2 1/4 inch Silver Plated Parabolic Reflector, Highly Polished to Mirror Finish, Throwing a Strong Light, 8 1/2 inches High, Constructed from Sheet Steel and Finished Beautiful Gloss Enamel, High Grade Contact Switch, No. 6G Bulb, 1 1/2 Volt with Miniature Screw Base, without Battery\$1.30

The only high grade Lamp for standard No. 6 battery selling at this low price.

OLD SOL 2 CELL HAND



Using Rear Handle.



Using Sliding Ball.

Operates on 2 Regular No. 6 Batteries.

With sliding ball and rear handle.

By far the most popular and widely used of all portables. Powerful light and long service.

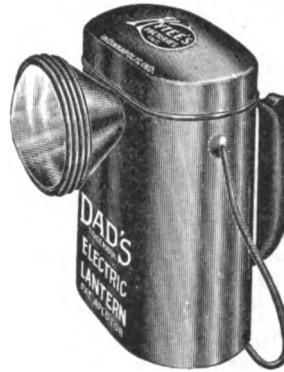
Indispensable to farmers, autoists, watchmen, and in the home.

No. 58—5 inch Silvered Reflector, Handsomely Enamelled Steel, Nickel Trimmings, No. G8 Bulb, with Edison Base, without Batteries\$2.30

One in a Box.

DAD'S 2 CELL HAND

Operates on 2 Regular No. 6 Batteries.



Each

No. 406—3 in. Concave Convex Shape, Bulging "Bull's eye" Effect Lens, Double Strength High Grade Lens, Glass Ground Edge, White, 7 1/2 inches High, Removable Ball, Side Grip Handle, Push Button Switch, Heavy Reinforced Steel Case with High Enamel Glass Finish, Nickel Trimmings, Aluminum Reflector, G6 Bulb, 2.8 Volt with Miniature Screw Base, without Batteries\$2.80

Spreads its light 15 to 20 feet, 3 to 5 feet from reflector, throwing a powerful light, a real lantern of full size.

DELTA 2 CELL HAND

Operates on 2 Regular No. 6 Batteries.

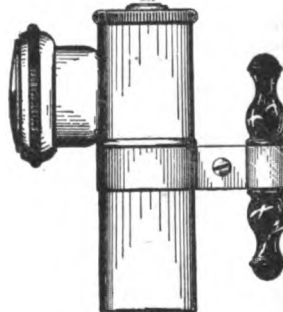


Will absolutely replace the use of the oil lantern. Gives a broad spreading light in any direction, hang it up on the wall and it lights the whole room. Will not wink—will not blink—but is an ever-ready reliable heavy service electric lantern. Designed and built for hard usage for those requiring a reliable lantern.

Each

No. 1—3 1/4 in. Phosphor Bronze and Triple Silver Plated Reflector, Throws a Powerful Light, 7 1/4 inches High, Substantially Constructed from Cold Rolled Steel, Handsomely Finished Baked Gloss Enamel, Nickel Plated Trimmings, Self Contained Switch, with Ball and Grip Handle, No. G6 Bulb, 2.8 Volt with Miniature Screw Base, without Battery\$2.50
One in a Box.

FRANCO HOUSE



No. 4887.

No. 4887—4 1/2 x 5 1/2 in., Large Lens, Silver Plated Highly Polished Parabola Reflector, Operated by Switch, Made of Brass, Highly Nickel Plated and Polished, with Black Fibre Handle, No. G6 Bulb, 1 1/2 Volt, Miniature Screw Base, without Battery\$2.00

No. 1028—Renewal Radio Battery32

BATTERY ATTACHMENT

DELTA

Operates on Regular No. 6 Battery.

Each



No. 67—Frame Made of Round Edge Cold Rolled Steel Ribbon, Finished in Polished Nickel Plate, Construction Relieves the Battery Terminals from all Strain, Heavy Flexible Flat Copper Connector Fits Both Flush and Extended Type of Battery, Large Lens with Silvered Reflector, No. G6 Bulb, 1 1/2 Miniature Screw Base, without Battery\$0.60

This is the first appearance of our high grade battery attachment and represents perfection. Throws a broad spreading light 25 to 50 feet.

One in a Box; 12 in a Case.



FRANCO TUBULAR FLASHLIGHTS



Franco Fibre Cases are equipped with patented features which make them more desirable than any other case on the market.

The wireless feature prevents breakage or loose connections from any of the many causes which break the strip in the ordinary fibre case.

All Franco Cases, both fibre and nickel plated, are so constructed that they cannot short circuit when placed in tool box, or when they come in contact with metal, or when laid on a metal surface. This eliminates any accidentally exhausted batteries.

All Franco Cases are equipped with especially constructed reflectors which throw a brilliant white light without any black spots or filament reflections.

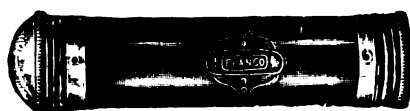
Every Franco Case will from now on be equipped with a genuine Franco Mazda lamp and all renewal lamps will be of Mazda manufacture.

Franco Cases won the Gold Medal at the Panama-Pacific Exposition, the highest award given any flashlight.



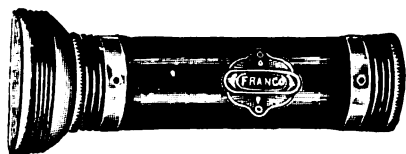
Each

- No. 6781—5x1 1/4 inches, Vulcanized Fibre Case, with No. 520 Bulb, without Battery.....\$0.84
 No. 1029—Extra Radio Battery, 3 3/4 x1 inches......32
 No. 520—Extra Mazda Bulb, 2.7 Volt.....



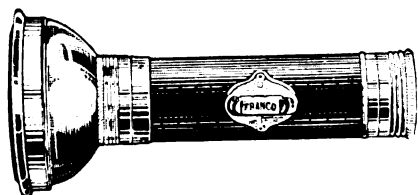
Each

- No. 6784—6 1/2 x1 1/2 inches, Vulcanized Fibre Case, with No. 520 Bulb, without Battery.....\$1.08
 No. 1028—Extra Radio Battery, 4 3/4 x1 3/8 inches......32
 No. 520—Extra Mazda Lens Bulb, 2.7 Volt.....
 No. 6786—8 1/2 x1 1/2 inches, Vulcanized Fibre Case, with No. 521 Bulb, without Battery.....1.20
 No. 1027—Extra Radio Battery, 7x1 3/8 inches......43
 No. 521—Extra Mazda Bulb, 3.8 Volt.....



Each

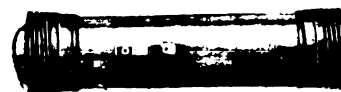
- No. 6788—6 1/2 x1 1/2 inches, Vulcanized Fibre Case, with No. 540 Bulb, without Battery.....\$1.44
 No. 1028—Extra Radio Battery, 4 3/4 x1 3/8 inches......32
 No. 540—Extra Mazda Bulb, 2.7 Volt.....
 No. 6789—9x1 1/2 inches, Vulcanized Fibre Case, with No. 543 Bulb, without Battery.....1.56
 No. 1027—Extra Radio Battery, 7x1 3/8 inches......43
 No. 543—Extra Mazda Bulb, 3.8 Volt.....



With
3 1/2 inch
Diameter
Reflector.

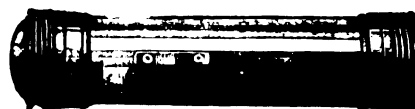
Each

- No. 6782—6 1/2 x1 1/2 inches, Vulcanized Fibre Case, with No. 540 Bulb, without Battery.....\$2.94
 No. 1028—Extra Radio Battery, 4 3/4 x1 3/8 inches......32
 No. 540—Extra Mazda Bulb, 2.7 Volt.....
 No. 6783—9x1 1/2 inches, Vulcanized Fibre Case, with No. 543 Bulb, without Battery.....3.12
 No. 1027—Extra Radio Battery, 7x1 3/8 inches......43
 No. 543—Extra Mazda Bulb, 3.8 Volt.....



Each

- No. 6761—5x1 1/4 inches, Nickel Plated Brass Case, with No. 520 Bulb, without Battery.....\$1.14
 No. 1029—Extra Radio Battery, 3 3/4 x1 inches......32
 No. 520—Extra Mazda Bulb, 2.7 Volt.....



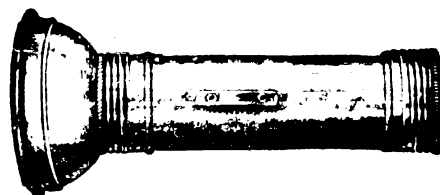
Each

- No. 6764—6 1/2 x1 1/2 inches, Nickel Plated Brass Case, with No. 520 Bulb, without Battery.....\$1.44
 No. 1028—Extra Radio Battery, 4 3/4 x1 3/8 inches......32
 No. 520—Extra Mazda Bulb, 2.7 Volt.....
 No. 6766—8 1/2 x1 1/2 inches, Nickel Plated Brass Case, with No. 521 Bulb, without Battery.....1.62
 No. 1027—Extra Radio Battery, 7x1 3/8 inches......43
 No. 521—Extra Mazda Bulb, 3.8 Volt.....



Each

- No. 6768—6 1/2 x1 1/2 inches, Nickel Plated Case, with No. 540 Bulb, without Battery.....\$2.04
 No. 1028—Extra Radio Battery......32
 No. 540—Extra Mazda Bulb, 2.9 Volt.....
 No. 6769—9x1 1/2 inches, Nickel Plated Brass Case, with No. 543 Bulb, without Battery.....2.40
 No. 1027—Extra Radio Battery, 7x1 3/8 inches......43
 No. 543—Extra Mazda Bulb, 3.8 Volt.....



With
3 1/2 inch
Diameter
Reflector.

Each

- No. 6762—6 1/2 x1 1/2 inches, Nickel Plated Brass Case, with No. 540 Bulb, without Battery.....\$2.94
 No. 1028—Extra Radio Battery......32
 No. 540—Extra Mazda Bulb, 2.9 Volt.....
 No. 6763—9x1 1/2 inches, Nickel Plated Brass Case, with No. 543 Bulb, without Battery.....3.12
 No. 1027—Extra Radio Battery......43
 No. 543—Extra Mazda Bulb, 3.8 Volt.....

For Price on Renewal Mazda Bulbs See Page 1641.



TUBULAR AND VEST POCKET FLASHLIGHTS



NEW STYLE, CANNOT SHORT CIRCUIT

These new style fibre cases are made of the best polished fibre and highly nickeled brass parts.

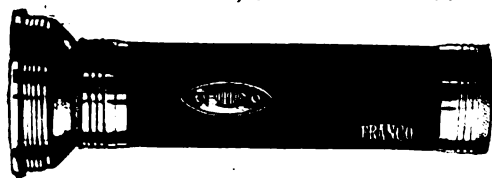
They are so constructed that they cannot short circuit when in contact with metal or when placed on any metal surface, but they have not the patented wireless feature that is used in the regular Franco line.



- Each
- No. 9681—5x1 1/4 inches, Vulcanized Fibre Case, with No. 520 Bulb, without Battery.....\$0.76
- No. 1029—Extra Radio Battery, 3 3/4 x1 inches..... .32
- No. 520—Extra Mazda Bulb, 2.7 Volt.....



- Each
- No. 9684—6 1/2 x1 1/2 inches, Vulcanized Fibre Case, with No. 520 Bulb, without Battery.....\$0.98
- No. 1028—Extra Radio Battery, 4 3/4 x1 3/8 inches..... .32
- No. 520—Extra Mazda Bulb, 2.7 Volt.....
- No. 9686—8 1/2 x1 1/2 inches, Vulcanized Fibre Case, with No. 521 Bulb, without Battery.....\$1.06
- No. 1027—Extra Radio Battery, 7x1 3/8 inches..... .48
- No. 521—Extra Mazda Bulb, 3.8 Volt.....



- Each
- No. 9688—6 1/2 x1 1/2 inches, Vulcanized Fibre Case, with No. 520 Bulb, without Battery.....\$1.32
- No. 1028—Extra Radio Battery, 4 3/4 x1 3/8 inches..... .32
- No. 520—Extra Mazda Bulb, 2.7 Volt.....
- No. 9689—8 1/2 x1 1/2 inches, Vulcanized Fibre Case, with No. 521 Bulb, without Battery.....1.44
- No. 1027—Extra Radio Battery, 7x1 3/8 inches..... .48
- No. 521—Extra Mazda Bulb, 3.8 Volt.....

PISTOL FLASHLIGHT

NEW TYPE



- Each
- No. 4755—4x2 3/4 x 3/8 in., Black Finished Brass Case, with No. 535 Bulb, without Battery, Light is Flashed by Pulling Trigger.....\$1.08
- No. 1040—Extra Radio Battery..... .82
- No. 535—Extra Mazda Bulb.....

FOUNTAIN PEN FLASHLIGHT



- Each
- No. 3508—Nickel Plated Finish, with Contact for Steady Lighting.....\$0.84
- No. 1008—Renewal Battery..... .27
- No. 535—Renewal Mazda Bulb.....

VEST POCKET FLASHLIGHTS

Nickel Plated and Polished Brass Case.

With Flash and Permanent Contact.



- Each
- No. 3420—2 1/2 x1 1/4 x 1 1/8 inch Case, with No. 535X Bulb, without Battery.....\$0.52
- No. 1042—Extra Radio Battery, 1 3/8 x1 1/8 x 1/8 inches..... .32
- No. 685—Extra Mazda Bulb, 2.5 or 2.7 Volt.....
- No. 3425—2 3/8 x1 1/8 x 3/8 inch Case, with No. 535X Bulb, without Battery..... .52
- No. 1040—Extra Radio Battery, 2 1/4 x1 1/4 x 3/8 inches..... .32
- No. 585—Extra Mazda Bulb, 2.5 or 2.7 Volt.....
- No. 3429—2 3/8 x2 x 3/8 inch Case, with No. 536X Bulb, without Battery..... .76
- No. 1041—Extra Radio Battery, 2 1/4 x2 x 3/8 inches..... .42
- No. 585—Extra Mazda Bulb, 3.7 to 3.8 Volt.....

Opens Like a Cigarette Case.

Two Cell.



- Each
- No. 3434—2 3/8 x1 1/2 x 3/8 inches, with No. 535 Bulb, without Battery.....\$0.83
- No. 1042—Extra Radio Battery, 1 3/8 x1 1/8 x 1/8 inches..... .32
- No. 535—Extra Mazda Bulb, 2.5 or 2.7 Volt.....
- No. 3435—3 1/4 x1 7/8 x 3/8 inches, with No. 535 Bulb, without Battery..... .83
- No. 1040—Extra Radio Battery, 2 1/4 x1 1/4 x 3/8 inches..... .32
- No. 585—Extra Mazda Bulb, 2.5 or 2.7 Volt.....

Three Cell.

- Each
- No. 3439—3 1/4 x2 3/8 x 3/8 inches, with No. 536 Bulb, without Battery.....\$1.06
- No. 1041—Extra Radio Battery, 2 1/4 x2 x 3/8 inches..... .42
- No. 536—Extra Mazda Bulb, 3.8 Volt.....
- No. 3437—3 1/4 x2 3/8 x 3/8 inches, with No. 536 Bulb, without Battery.....1.30
- No. 1020—Extra Radio Battery, 2 3/8 x2 1/2 x 7/8 inches..... .42
- No. 536—Extra Mazda Bulb, 3.8 Volt.....

BATTERIES

We are fully convinced Franco Batteries are best by actual test for shelf life and intermittent burning which is the way flashlight batteries are used.

Packed in sealed cartons as shown for your protection. Every battery guaranteed. Will outlast and outwear any other make. For sizes and list prices see listings under cases.

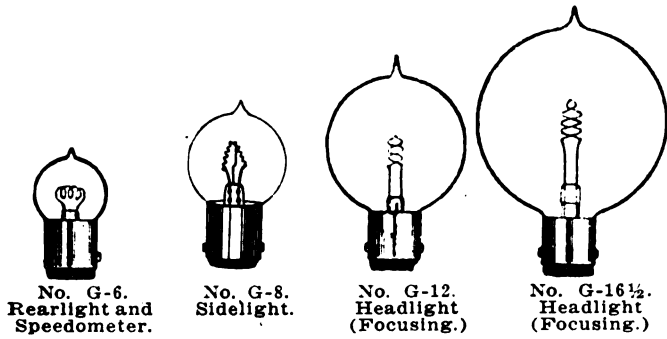


BATTERY TESTERS

- Each
- No. 1—3x2 1/2 x 7/8 inches, Varnished Hardwood Case, 12 inch Green Cord Wires with Brass Terminals, with Brass Ring to Hang up, Complete with Bulbs, Weight Each 5 Oz.....\$0.30

For Price on Renewal Mazda Bulbs See Page 1641.

FRANCO MAZDA AUTOMOBILE LAMPS



MAZDA B	Approx. C. P.	Volts	Amp.	Bulb	Unit Package Quan- tity	List Price
Headlight	12	6-8	2.00	G-12	5	\$0.27
Headlight	12	6-8	2.00	G-16 1/2	5	.27
Headlight	15	6-8	2.50	G-16 1/2	5	.27
Headlight	18	6-8	3.00	G-16 1/2	5	.27
Headlight	21	6-8	3.50	G-16 1/2	5	.30
Headlight	24	6-8	4.00	G-16 1/2	5	.30
MAZDA C						
Headlight	21	6-8	2.50	G-12	5	.35
Headlight	24	6-8	3.00	G-12	5	.50
Headlight	36	6-8	4.00	G-16 1/2	5	.75
MAZDA B						
Sidelight	4	6-8	.84	G-8	10	.21
Sidelight	6	6-8	1.25	G-8	10	.24
Sidelight	6	6-8	1.25	G-10	10	.24
MAZDA C						
Sidelight	12	6-8	1.50	G-8	10	.40
MAZDA B						
Rearlight	2	3-4	.84	G-6	10	.21
Rearlight	2	6-8	.42	G-6	10	.21
Dome	4	6-8	.84	R-8	10	.32
Searchlight	24	6-8	4.00	R-15	5	.65
Headlight	15	12-16	1.00	G-16 1/2	5	.30
Headlight	18	12-16	1.25	G-16 1/2	5	.30
Headlight	21	12-16	1.50	G-16 1/2	5	.30
MAZDA C						
Headlight	24	12-16	1.50	G-12	5	.37
Headlight	40	12-16	2.00	G-16 1/2	5	.75
MAZDA B						
Sidelight	4	12-16	.42	G-8	10	.24
Rearlight	2	12-16	.26	G-6	10	.24
Headlight	21	18-24	1.00	G-16 1/2	5	.50
MAZDA C						
Headlight	24	18-24	1.00	G-12	5	.75
MAZDA B						
Sidelight	4	18-24	.26	G-8	10	.40
Rearlight	2	18-24	.17	G-6	10	.35
MAZDA B						
Headlight	15	9	2.00	G-16 1/2	5	.27
(2 in. Series)						
MAZDA C						
Headlight	21	9	2.00	G-12	5	.35
(2 in. Series)						
MAZDA C						
Headlight	12	6-8	1.50	G-12	5	.40
(with Regulator)						

Type Mazda B are the regular mazda tungsten lamp.
Type Mazda C are the new nitrogen lamps (gas filled.)

RENEWAL MAZDA FLASHLIGHT LAMPS



F.E. 3 3/8

F. E. 3 3/8 Opal Back, 3/8 in. Diameter.

Cat.	No.	Volts	Amp.	Base	Code	List
	535	2.5	.35	Min.	Abac	\$0.13
	536	3.8	.35	Min.	Abak	.13

G-3 1/2, Clear, 3/8 inch Diameter.

Cat.	No.	Volts	Amp.	Base	Code	List
	520	2.7	.35	Min.	Abax	\$0.13
	521	3.8	.35	Min.	Abay	.13

G-4 1/2, Clear, 1/2 inch Diameter.

Cat.	No.	Volts	Amp.	Base	Code	List
	540	2.9	.35	Min.	Abet	\$0.13
	543	3.8	.35	Min.	Abid	.13

G-5 1/2, Clear, 1 1/8 inch Diameter.

Cat.	No.	Volts	Amp.	Base	Code	List
	544	6.2	.35	Min.	Abow	\$0.13



G-3 1/2.



G-5 1/2.

DISPLAY CABINETS



Here's a Display Cabinet of 80 Franco Mazda Lamps so selected that they care for the wants of 90 per cent of American made cars. A large assortment with a small-stock investment. The cabinet itself is a salesman. On counter or in window it's a persistent auto lamp advertiser. No trouble to handle auto lamps, and the profits are sweet. Cabinet contains the following lamps:

Headlight.

- 5—15 Candle Power 6.8 Volt G-16 1/2 Double Contact.
- 5—15 Candle Power 6.8 Volt G-16 1/2 Single Contact.
- 5—12 Candle Power 6.8 Volt G-12 Double Contact.
- 5—15 Candle Power 9 Volt G-16 1/2 Double Contact.

Sidelight.

- 10—4 Candle Power 6.8 Volt G-8 Double Contact.
- 10—4 Candle Power 6.8 Volt G-8 Single Contact.

Rearlight and Speedometer.

- 10—2 Candle Power 6.8 Volt G-6 Double Contact.
- 10—2 Candle Power 6.8 Volt G-6 Single Contact.
- 10—2 Candle Power 3.4 Volt G-6 Double Contact.
- 10—2 Candle Power 3.4 Volt G-6 Single Contact.

Per Cabinet

Display Cabinet—Complete as Described Above.....\$18.00

Note—When ordering Lamps for renewals, care should be taken to specify that they are to be packed for Display Cabinets.

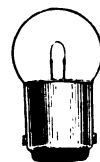
Candelabra
Base.Double Ediswan
Base.Single Ediswan
Base.

SPECIAL NOTICE

When ordering Lamps, always state whether Candelabra, Double Ediswan or Single Ediswan Base and Candle Power wanted.

RENEWAL MAZDA LAMPS

For Bicycle and Dry Cell Lanterns or Any Item Using Either One or Two Standard No. 6 Batteries.



1 inch Diameter.

Style G-8 Tipless.

For Use with One No. 6 Battery.

No.	Volts	Amp.	Base	List
551	1.5	.65	Cand.	\$0.24
552	1.5	.65	S. E.	.24
553	1.5	.65	D. E.	.24

For Use with Two No. 6 Batteries.

No.	Volts	Amp.	Base	List
556	2.9	.42	Cand.	\$0.21
557	2.9	.42	S. E.	.21
558	2.9	.42	D. E.	.21
564	2.8	.6	S. E.	.21
565	2.8	.6	D. E.	.21

*S. E. stands for Single Ediswan and D. E. stands for Double Ediswan.

1 1/8 inch Diameter.
Style G-5 1/2 Clear.

For Use with One No. 6 Battery.

No.	Volts	Amp.	Base	List
550	1.5	.60	Min.	\$0.15

For Use with Two No. 6 Batteries.

No.	Volts	Amp.	Base	List
563	2.8	.60	Min.	\$0.15

LAMP ADAPTERS



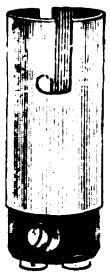
No. 12.



No. 15.

- No. 12—Candelabra to Miniature Adapter, Used to Change a Candelabra Screw Base to a Miniature Screw Base **\$0.07**
- No. 15—Ediswan to Candelabra Adapter, Used to Change a Bayonet Type Lamp Socket to Candelabra Screw Base..... **.09**

SOCKETS AND PLUGS



No. 92.



No. 5E.



No. 11E.

- No. 92—Ediswan Socket, Double Contact, Set Screw Connections **\$0.24**
- No. 192—Ediswan Socket, Single Contact, Set Screw Connections **.24**
- No. 5E—Double End Socket, Plain, Double Contact Type... **.21**

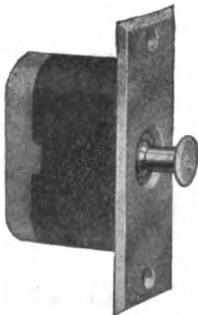
- No. 11E—Plug Only, Hard Rubber Cap, Screw Terminals **\$0.22**

PUSH BUTTON SWITCHES

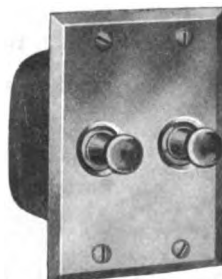
FOR AUTOMOBILES



Three Gang Switch in Tandem.



Single Gang Switch.



Two Gang Switch in Parallel.

NOTE

When ordering 2, 3 or 4 Gang Switches, always State if Parallel or Tandem Style Switches are wanted.

These are very dependable and positive switches.

The snap mechanism makes and breaks the circuit quickly which reduces sparking to a minimum, increasing the life of the switch.

Nickel Plated.

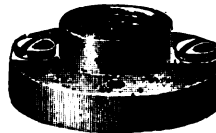
- No. 1—Single Switch **Each \$1.00**
- No. 2—2 Gang Switch, Parallel or Tandem..... **1.60**
- No. 3—3 Gang Switch, Parallel or Tandem..... **2.40**
- No. 4—4 Gang Switch, Parallel or Tandem..... **3.20**

SWITCHES



- No. 51—1 Point, 2 1/4 inch Diameter Wood Base, Natural Finish **Per Dozen \$1.70**

RECEPTACLES



- No. 2—Candelabra Porcelain Receptacle **Each \$0.09**
- No. 4—Miniature Porcelain Receptacle **.09**

AUTO FUSE CLIPS

UNION



No. 4550.

High Grade Spring Bronze.

Nos.	4549	4550	4551	4552	4510
Amperes	0-20	0-20	0-20	0-20	0-30
Height of Clip, Inches	3/4	3/4	3/4	1	7/8
Per 100	\$1.50	2.70	2.70	2.70	2.70

Note—No. 4549 Clip takes Nos. 1A, 2A and 3A Fuses; No. 4550 Clip takes Nos. 4A and 4AG Fuses; Nos. 4551 and 4552 Clips take Nos. 5A, 5AG, 7A and 7AG Fuses; No. 4510 Clip takes No. 6A Fuses.

FUSE CLIPS AND BASES COMPLETE

UNION



No. 4561.

High Grade Spring Bronze.

Nos.	4559	4560	4561	4562	4520
Amperes	0-20	0-20	0-20	0-20	0-30
Height of Clip, Inches	3/4	3/4	3/4	1	7/8
Per 100	\$4.80	9.10	9.10	9.10	9.10

Note—No. 4559 Clip takes Nos. 1A, 2A and 3A Fuses; No. 4560 Clip takes Nos. 4A and 4AG Fuses; Nos. 4561 and 4562 Clips take Nos. 5A, 5AG, 7A and 7AG Fuses; No. 4520 Clip takes No. 6A Fuses.

FIBRE CUT-OUTS

UNION



For Fuses, Nos.	1A	2A	3A	4A
One Pole	Each, \$0.40	.44	.44	.44
Two Pole	Each, .56	.70	.70	.70
Three Pole	Each, .76	.92	.92	.92
Four Pole	Each, .92	1.14	1.14	1.14
For Fuses, Nos.	5A	6A	7A	
One Pole	Each, \$0.44	.50	.44	
Two Pole	Each, .75	.75	.75	
Three Pole	Each, .92	1.00	.92	
Four Pole	Each, 1.14	1.25	1.14	

Note—When Ordering, Always State if 1, 2, 3 or 4 Pole Cut-Outs are Wanted.




























AUTOMOBILE FUSES

List Prices of Automobile Fuses

We list below Union Automobile Fuses both Glass and Fibre Tube, used in connection with the electric lighting system on both Gasoline and Electric cars.

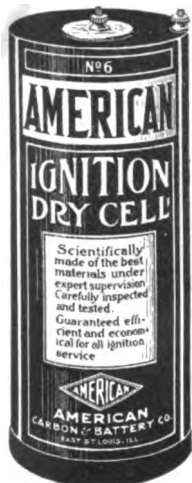
Types 1A, 2A, 3A and 4A can be used for any voltage up to 50 Volts.

Types 5A and 6A can be furnished as high as 250 Volts.

GASOLINE CARS					(STANDARD PACKAGE 100)					GASOLINE CARS				
MAKE OF CAR	Uses Fuse No.	Amp.	Volts	Each	WHEN ordering, do not fail to specify Fuse No., Ampere and Make of Car; this will insure our sending the correct Fuse.					MAKE OF CAR	Uses Fuse No.	Amp.	Volts	Each
Allen	5A Glass	15	1-50	\$0.10						Norwalk-6	5A	15	1-50	\$0.18
Amesberry	6A	20	1-50	.25						National 1914	4A	15	1-50	.18
Apperson	3A	10	1-50	.05						Oakland	4A	15	1-50	.18
Arbuz	4A	10	1-50	.18						Overland, Models 79-83	1A	20	1-50	.05
Auburn 1915	5A	15	1-50	.18						Overland 1914 Coupe	6A	20	250	.25
Austin	5A	5-15	1-50	.18						Overland 1916	1A	20	1-50	.05
Brisco	3A	15-20	1-50	.05						Pathfinder 1915-1916	5A	5-15	1-50	.18
Brisco 1916	1A	20	1-50	.05						Packard 1916	2A	10	1-50	.05
Buick	Special Link Fuse			.18						Paige	1A	20	1-50	.05
Cadillac 1913	4A	15	1-50	.18						Peerless 1914	3A	20	1-50	.05
Cadillac 1914	6A	25	250	.25						Peerless 1915	1A	20	1-50	.05
Cartercar	15 Fuse Plug			.10						Pierce-Arrow	5A Glass	15, 10 & 30	1-50	.10
Cartercar, Model 9	4A	15	1-50	.18						Pope-Hartford	4A	10	1-50	.18
Cartercar, 1915	5A	10	1-250	.18						Pratt	1A	20	1-50	.05
Case Car	5A	5-15	1-50	.18						Premier	3A	10	1-50	.05
Chadwick	4A	5	1-50	.18						Premier	4A	10	1-50	.18
Chadwick	5A	15	1-50	.18						Regal 1914-1915	5A	5	1-50	.18
Chalmers 1914	6A	15	250	.25						Roe 1914-15	4A	10 & 15	1-50	.18
Chalmers 1915	6A	20	250	.25						Roe	3A	5 & 10	1-50	.05
Chalmers, Model 92	1A	20	1-50	.05						Saxon Six	1A	20	1-50	.05
Chandler	5A	5 & 15	1-50	.18						Saxon Six	5A	15	1-50	.18
Chandler 1916	1A	20	1-50	.05						Spaulding	5A	1, 2 & 3	1-50	.18
Chevrolet	6A	20	250	.25						Studebaker 1914	4A	15	1-50	.18
Chevrolet, Model 490	1A	20	1-50	.05						Studebaker 1915	2A	15	1-50	.05
Cole 1913-1914	4A	15	1-50	.18						Studebaker 1916	3A	10	1-50	.05
Cunningham, J. 1914	4A	15	1-50	.18						Stearns-Knight	1A	20	1-50	.05
Cunningham, J. 1915	1A	20	1-50	.05						Stearns-Knight 1916	3A	20	1-50	.05
Cunningham, J. 1916	5A	20	1-50	.18						Speedwell	4A	15	1-50	.18
Davis	5A	5-15	1-50	.18						Staver	4A	15	1-50	.18
Detroit	5A	15	1-50	.18						Stutz	3A	15	1-50	.05
Dispatch	4A	10	1-50	.18						Volvo, Model 15	1A	20	1-50	.05
Dodge 1915-16	4A	10	1-50	.18						Volvo 1916	Special Link Fuse			.18
Dorris	5A Glass	15	1-50	.10						Westcott	4A	15	1-50	.18
Dort	3A	15	1-50	.05						Winton	3A	10	1-50	.05
Dort 1916	1A	20	1-50	.05						Winton, Model 21A	5A	5-20	1-50	.18
Empire	3A	5 & 15	1-50	.05						White 1915	5A	15	1-50	.18
Eager	1A	20	1-50	.05						White 1916	4A	10	1-50	.18
Fiat	5A	5 & 15	250	.18						Willys-Knight	6A	20	250	.25
Fiat 1916	6A	30	250	.25						Willys-Knight	5A	15	1-50	.18
Franklin	3A	15	1-50	.05						Willys-Knight	4A	15	1-50	.18
Glide	5A	5-15	1-50	.18						Willys-Knight	2A	15	1-50	.05
Grant Six	5A	Spec'l	1-50	.18						Zimmerman	3A	15	1-50	.05
Holier Eight	Special Link Fuse			.18						ELECTRIC CARS				
Hudson	4A	15	1-50	.18						American	5A	10	80	\$0.18
Hupmobile 1914	5A	5-10-15	250	.15						Anderson	6A	10	250	.25
Hupmobile 1915	4A	15	1-50	.18						Argo A-B-C	5A	10	40	.18
Hupmobile 1916	4A	15	1-50	.18						Borland	5A	10	80	.18
Imperial, Model 56	4A	5	1-50	.18						Broc	5A	10	80	.18
Imperial, Model 64	1A	20	1-50	.05						Baker	5A	10	110	.18
Imperial, Models 66F and 66, 1916	5A Glass	15	1-50	.10						Ballou	6A	10	250	.25
Jackson 1916	6A	20	250	.25						Century	6A	10	250	.25
Jeffery 1913-1914	5A	15	1-50	.18						Chicago	5A	15	250	.18
Jeffery 1915	4A	10	1-50	.18						Detroit 1914	6A	10	250	.25
Jeffery 1916	3A	20	1-50	.05						Detroit 1915	5A	15	250	.18
Kissel Kar 1915	4A	15	1-50	.18						Dayton	6A	10	250	.25
Kissel Kar 1916	3A	20	1-50	.05						G. V. C.	6A	5	90	.25
Knox	4A	10-15	1-50	.18						Grinnell	6A	15	250	.25
Lexington-4	6A	15	250	.25						Ohio	6A	15	250	.25
Lexington-4	5A	5-15	1-50	.18						Standard	6A	15	250	.25
Lexington-6	5A	5-15	1-50	.18						Waverly	4A	5	100	.18
Locomobile 1914	6A	30	250	.25						Woods	5A	5	250	.18
Locomobile 1915	5A	15	1-50	.18						ELECTRIC STARTING AND LIGHTING SYSTEM FUSES				
Locomobile 1916	5A Glass	10	1-50	.10						Appleco	Type A	50	1-100	\$0.35
Lyons-Knight 1913-14	4A	10	1-50	.18						Apperson	3A	10	1-50	.05
Lozier	6A	10	250	.25						Bijou	3A	10	1-50	.05
L. C. E.	4A	15	1-50	.18						Dean	3A	15	1-50	.05
Marion	5A	5 & 15	1-50	.18						Electric Auto Lite	1A	20	1-50	.05
Marmon	4A	20	1-50	.18						Esterline	4A	15	1-50	.18
Maxwell 1914	4A	15	1-50	.18						Gray & Davis	1A	20	1-50	.05
Maxwell 1915-16	3A	20	1-50	.05						Gray & Davis Ford	5A Glass	30	1-50	.10
McFarlan-76	5A	5-15	1-50	.18						North East	4A	10	1-50	.18
Mercer	5A	5	250	.18						Remy	3A	5 & 15	1-50	.05
Metz	1A	20	1-50	.05						Westinghouse	4A	15	1-50	.18
Mitchell 1913-14	4A	15	1-50	.15						Westinghouse Special	5A	20	1-250	.18
Mitchell 1915	3A	15	1-50	.05						Westinghouse (Ford)	3A	15	1-50	.05
Mitchell 1916	Special Link Fuse			.18										
Moline 1914	4A	10	1-50	.18										
Moline 1915	5A	15	250	.18										
Moline, Model 40	1A	20	1-50	.05										
Monroe	6A	20	250	.25										
Monroe 1916-17	1A	20	1-50	.05										

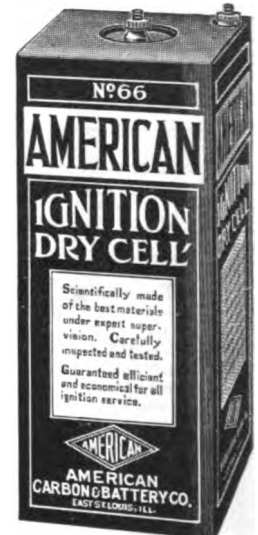
DRY BATTERIES

AMERICAN IGNITION



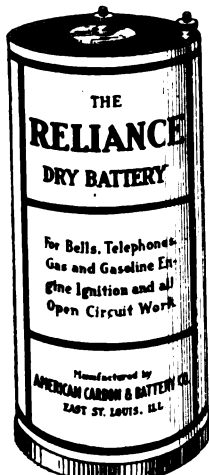
No. 66R.

AMERICAN IGNITION



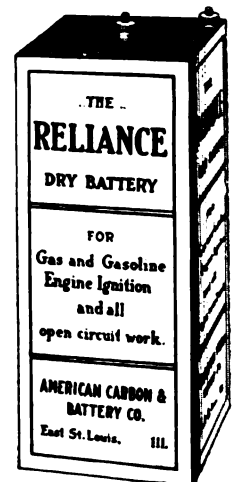
No. 66S.

RELIANCE



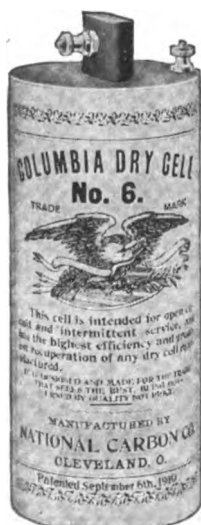
No. 6R.

RELIANCE IGNITION



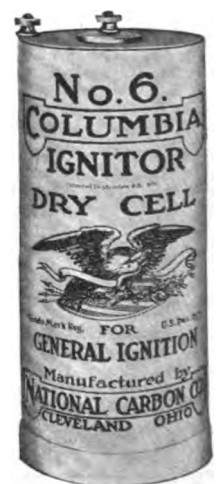
No. 6S.

COLUMBIA



No. 60R.

COLUMBIA IGNITOR



No. 600R.

American Ignition Dry Batteries are made especially for supplying energy for ignition systems, gas and gasoline engines, electric horns, and for all classes of heavy service work.

These Batteries are scientifically made under the supervision of experts. Materials used are the best obtainable and the workmanship is of the very best quality.

No. 66R—American Ignition, Round, $2\frac{1}{2} \times 6$ inches, Tests 30 Amperes and Over.

Light Red Color Case.

	Each
In Full Barrel Lots of 125.....	\$.....
In Lots of 50 to 100.....	
In Lots Less than 50.....	

No. 8—American Ignition, Round, $3\frac{1}{2} \times 8$ inches, Tests 40 Amperes and Over.

Light Red Color Case.

	Each
In Full Barrel Lots of 50.....	\$.....
In Lots Less than 50.....	

No. 66S—American Ignition, Square, $2\frac{1}{2} \times 6$ inches, Tests 30 Amperes and Over.

Light Red Color Case.

	Each
In Full Barrel Lots of 125.....	\$.....
In Lots of 50 to 100.....	
In Lots Less than 50.....	

Reliance Batteries have been developed especially for a general utility battery, such as for bell use and telephones, and so forth, and will also give satisfactory service for gas and gasoline engine ignition where requirements are not too heavy.

No. 6R—Reliance, Round, $2\frac{1}{2} \times 6$ inches, Tests 25 Amperes and Over.

Dark Red Color Case.

	Each
In Full Barrel Lots of 125.....	\$.....
In Lots of 50 to 100.....	
In Lots Less than 50.....	

No. 6S—Reliance, Square, $2\frac{1}{2} \times 6$ inches, Tests 25 Amperes and Over.

Dark Red Color Case.

	Each
In Full Barrel Lots of 125.....	\$.....
In Lots of 50 to 100.....	
In Lots Less than 50.....	

No. 60R—Columbia, Round, $2\frac{1}{2} \times 6$ inches.

No. 60S—Columbia, Square, $2\frac{1}{2} \times 6$ inches.

Dark Red Color Case.

For all classes of battery service. Particularly adapted to work when the current drain is not high.

Can be used for ignition purposes.

Long life and reliability makes the Columbia Dry Battery famous.

A general service cell of unequalled quality. Each cell represents care, accuracy and long experience in battery construction.

	Each
In Full Barrel Lots of 125.....	\$.....
In Lots of 50 to 100.....	
In Lots Less than 50.....	

No. 600R—Columbia, Ignitor, Round, $2\frac{1}{2} \times 6$ inches.

No. 600S—Columbia, Ignitor, Square, $2\frac{1}{2} \times 6$ inches.

Dark Red Color Case.

This Battery is especially made for all classes of heavy service work. For the ignition of gas and gasoline engines it is unequalled. Connected to any circuit, it is practically a battery insurance policy, insuring proper operation of your device during the life of the cell. Economical and efficient.

	Each
In Full Barrel Lots of 125.....	\$.....
In Lots of 50 to 100.....	
In Lots Less than 50.....	

NOTE—Prices on Batteries Quoted on Request.

Storage of Dry Batteries—Best results can be obtained from dry batteries by observing a few points regarding their storage. After the barrel is received, the batteries should be taken out and placed on the shelf, unless they are to be reshipped. In the latter case, keep the barrel with the address end up. The batteries should be stored in a cool, dry place, about 75 degrees Fahrenheit, devoid of acid fumes.

DRY BATTERIES

COLUMBIA MULTIPLE



The Columbia Multiple Battery is made from specially selected cells arranged and connected to give various voltages and capacities.

The cells are connected by means of heavy copper ribbon soldered to the terminals. Every cell is insulated from the case and from the other cells in such a way as to make a waterproof and practically damage proof unit battery.

Enclosed in an hermetically sealed, handsomely enameled metal case, with convenient handles for carrying.

Nos.	266	256	356
Voltage	9	7½	7½
Length, Inches	11	13¾	13¾
Width, Inches	8½	5½	8½
Height, Inches	8¾	8¾	8¾
Each	\$8.64	7.20	10.80

Note—The first figure of above numbers shows the number of cells connected in multiple. In other words, by multiplying the amperage of one cell by the first figure you will get approximately the short circuit current of the battery. The second figure shows the number of cells connected in series. The third figure shows that the battery is made up of 6 in. cells. The fourth shows the number of rows of cells.

COLUMBIA HOT SHOT



The Columbia Hot Shot is a unit battery in an attractive red moisture-proof case. Soldered copper strips connect the individually tested cells, which are entirely surrounded by a waterproof insulating compound. It is only necessary to connect two wires to the binding posts. The battery is then ready to operate.

Particularly useful for ignition where the variety of sizes makes it adaptable for motors of all sorts—stationary, vehicle or motor boat. Very satisfactory for carriage lighting outfits.

Nos.	1562	2562	2962
Voltage	7½	7½	9
Length, Inches	7¾	13¾	15¾
Width, Inches	5	5¾	5¾
Height, Inches	7¾	7¾	7¾
Each	\$3.30	6.60	7.92

STORAGE BATTERIES

FRANKLIN

For Starting, Lighting and Ignition



A strictly high grade battery. The case containing the jars is hardwood ¾ and ¾ in. thick, boiled in paraffine and tarred to withstand the action of the solution and the gases.

The jars are hard rubber of the best grade obtainable. The plates are of the staggered design, allowing free expansion and contraction, assuring long life.

The Separators are of the most approved type, allowing free circulation of the fluid.

The top connections and plates are cast in one piece out of chemically pure lead—no corrosion to short circuit the battery or cause trouble. The connections are also brought out to the top so that the individual cells can be tested when desired.

The two terminal nuts are hard rubber, ¾ in. in diameter, large enough so that they can be fastened down by hand without the use of pliers.

The handles are of the sliding type and can be pushed out of the way when not wanted.

The Height and Width are Alike on All Batteries.

Height 9 inches, Width 7¾ inches.

Nos.	Length, Inches	Volts	Amperes	Plates Per Cell	Weight Pounds	Each
5	9	6	70	5	24	\$30.00
7	10¾	6	100	7	34	36.00
9	13	6	125	9	50	42.00
11	14¾	6	150	11	65	48.00
13	16½	6	175	13	74	54.00
15	18½	6	200	15	80	60.00

FRANKLIN, JR.

For Lighting and Ignition



The best medium priced batteries on the market today.

The plates are hard and porous, non-sulphating, with large non-corroding terminals, the cells either glass or rubber as shown below, encased in a hard wooden box, chemically treated to withstand the action of the acid, compact and strong and will give years of service.

Nos. 5J to 8J are intended for ignition and lighting on automobile and motor boat, the larger sizes for light power and house lighting purposes. We can however furnish this battery as also the Franklin described on this page in any desired Voltage or Amperage. Prices quoted on application

The Height and Width are Alike on All Batteries.

Height 8½ inches, Width 5 inches.

Nos.	Length, Inches	Volts	Amperes	Plates Per Cell	Jar	Weight Pounds	Each
5J	8½	6	50-60	5	Glass	24	\$15.00
6J	8½	6	50-60	5	Rubber	24	18.00
7J	10½	6	70-80	7	Rubber	33	22.50
8J	10½	6	90-100	9	Rubber	39	28.50
13J	30	18	70-80	7	Rubber	98	51.00
14J	30	18	90-100	9	Rubber	116	54.50
15J	39	24	70-80	7	Rubber	132	106.00
16J	39	24	90-100	9	Rubber	156	146.00

"READRITE" AMMETERS**FOR TESTING DRY CELLS**

No. 1000—2 inch Diameter, 0 to 30 Amperes, Nickel Plated Case, Complete with Flexible Insulated Cord, Connection to Battery Can be Made with the Case Instead of Cord in Lots of 10....\$0.80
Less Quantity..... 1.00

The "Readrite" Dry Cell Tester has stood the test for years, dependable and accurate. The pointer stops almost instantly at the correct amperage or voltage. This dead beat function is not due to friction or springs. Readrite has the lightest movement. Do not test storage batteries with ammeter.

"READRITE" VOLT-AMMETERS**FOR TESTING DRY CELLS OR STORAGE BATTERIES.**

No. 400—2 inch Diameter, 0 to 8 Volts, 0 to 30 Amperes, Nickel Plated Case, Complete with Flexible Insulated Cord, Connection to Battery Can be Made with the Case Instead of Cord..\$1.80

When compared with other battery testers, the Readrite consumes less current and will thus show more accurately the true condition of batteries.

**BEARING BRONZE CORED BARS**

"Ampco" Bearing Bronze is guaranteed to outwear any other bearing metal on the market, regardless of price, to produce less friction, to require less oil for lubrication, to wear smoother without injuring the shaft, to be non-corrodible and to cost less, service considered, than any other bearing metal now sold.

"Ampco" Bearing Bronze is not common brass or phosphor-tin composition, but a new alloy, different from any other known. Its peculiar composition gives it the property of wearing smoother and resisting wear better than any other alloy so far discovered.

"Ampco" Bearing Bronze—Prepared in 12 inch Lengths, in Ten Sizes as Described Below, Average Weight Per Ten Sizes 47 Lbs., Put up in a Box.....\$1.20

Outside Diameter, Inside Diameter and Average Weight of Twelve Lengths of "Ampco" Bearing Bronze Cored Bars Put up in a Box.

Outside Diam., Inches.....	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$
Inside Diam., Inches.....	Solid	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{3}{8}$
Ave. Weight Each, Lbs....	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{3}{4}$	3 $\frac{3}{4}$	3 $\frac{3}{4}$
Outside Diam., Inches.....	1 $\frac{1}{8}$	1 $\frac{1}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$
Inside Diam., Inches.....	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$
Ave. Weight Each, Lbs....	4 $\frac{3}{4}$	5 $\frac{1}{4}$	7	8	9

Note—Any Other Size Furnished on Short Notice.

ECLIPSE AMMETERS

No. 20—2 inch Diameter, 0 to 30 Amperes, Nickel Plated Case, Flexible Cord\$2.50

Indicates in any position and with either direction of current. Connecting cord is very flexible and can be quickly detached if desired. In testing single cells, the cord is not necessary, as the contact spur can be touched to one battery terminal and the case to the other terminal.

A very high grade instrument. Guaranteed accurate.

BATTERY SYRINGE HYDROMETERS**"BREAK NOT"**

For Determining Exact Condition of Storage Battery.

No. 1—10 $\frac{1}{2}$ inches Long Over All, Red Rubber Bulb and Base, Glass Center, 4 $\frac{3}{4}$ inches Inside Hydrometer with Specific Gravity Readings from 1100 to 1300, Shot Weighted.....\$1.20
No. 1G—Extra Glass Jars......16
No. 1T—Extra Thermometers40

This instrument enables you to determine the exact condition of the battery and is also serviceable in transferring the liquid in and out of the battery and adding fresh water or fresh acid.

The construction of the hydrometer is such that the instrument can be taken apart and cleaned easily and breakage is reduced to a minimum.

Full directions furnished with each outfit.

BATTERY CONNECTORS**INDESTRUCTIBLE**

No. 10—3 $\frac{3}{8}$ inches Full Length, 2 $\frac{7}{8}$ inches from Center to Center of Holes, Soft Copper Insulated.....\$3.00

"QUICK ACTION" KNURL NUT TYPE

No. 150—Stamped from Soft High Conductivity Copper Ribbon, Wound with White Adhesive Tape, Screws Under the Knurl of the Cell.....\$1.50

HOLDFAST

Holdfast—4 $\frac{1}{2}$ inches from Center to Center of Holes, Heavily Insulated, Grips Threads of Battery Binding Post\$4.00

FAHNESTOCK

No. 155—Special Type Fahnestock Spring Clips, Flexible Insulated Wire.....\$6.00

A neat, quick connector which may be used over and over again. The nuts are removed from the binding posts and the connector slipped over the post.

IGNITION WIRE

RED-RIB

The insulation of Red-Rib Cable is a rubber compound of the highest grade. The proof of quality is its extreme pliability. The conductors are centered in the insulators and all layers are thoroughly vulcanized to prevent leakage and the impregnation of oil, water and grease.

RUBBER COVERED IGNITION CABLE



- No. 70M—Magneto Secondary, Black Rubber, $\frac{3}{8}$ inch (7m.m.), 5 Layers, 14 Gauge, Weight Per 100 Foot Coil 6 $\frac{1}{2}$ Lbs. \$9.60

BRAIDED IGNITION CABLE



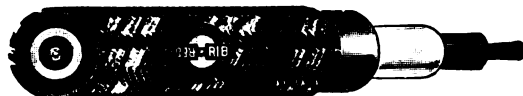
- No. 100DV—Primary, Double Brown Braid, Varnished, $\frac{1}{2}$ inch (5m.m.), 1-Layer Rubber, 14 Gauge, Weight Per 100 Foot Coil 2 $\frac{1}{2}$ Lbs. \$3.90



- No. 70BV—Magneto Secondary, $\frac{1}{2}$ inch (4 $\frac{1}{2}$ m.m.), 3-Layer Rubber, 14 Gauge, Weight Per 100 Foot Coil 6 Lbs. \$10.00



- No. 300BV—Medium Secondary, $\frac{3}{8}$ inch (10m.m.), 3-Layer Rubber, 14 Gauge, Weight Per 100 Foot Coil 7 Lbs. \$12.00



- No. 200B—Heavy Secondary, $\frac{1}{2}$ inch (12m.m.), 3 Layers, 14 Gauge, Weight Per 100 Foot Coil 15 Lbs. \$16.00

MULTIPLE LIGHTING CABLE



- 2 Lead Primary, $\frac{3}{8}$ inch Wide, 16 Gauge, Weight Per 100 Foot Coil 4 $\frac{1}{2}$ Lbs. \$7.00

TWISTED COTTON LAMP CORD



- No. 18—18 Gauge, Weight Per 500 Foot Coil 9 Lbs. \$3.00

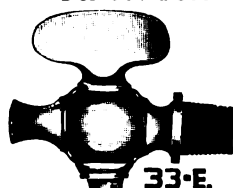
STARTER CABLE



- No. 2—Flexible, Rubber Insulated, Double Black Weatherproof Braid, $\frac{1}{2}$ inch, 2 Gauge, Weight Per 500 Foot Coil 180 Lbs. \$31.00

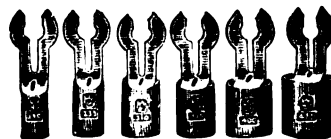
PET COCKS

Polished Brass.



- No. 33E— $\frac{1}{8}$ inch Iron Pipe Thread \$0.30
No. 34E— $\frac{1}{4}$ inch Iron Pipe Thread32

CLIP TERMINALS



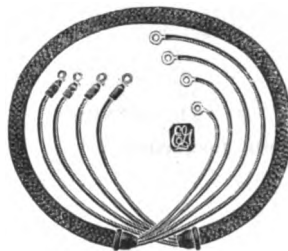
One Piece Brass Stamping.

Fits all Spark Plugs, Conductors. Made fast by a drop of solder into hole in the ferrule. Per Package of 100

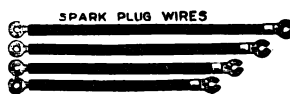
- No. 5324—.190 Inside Diameter, Single, Braided and Primary Rubber \$3.40
No. 5325—.235 Inside Diameter, Double Braided Primary 3.40
No. 6257—.280 Inside Diameter, Rubber Magneto, 100 of a Size in an Envelope 3.40
No. 5326—.310 Inside Diameter, Rubber Magneto and Braided Magneto 3.40
No. 5327—.325 Inside Diameter, Rubber Secondary 3.40
No. 5328—.400 Inside Diam. Medium, Braided 3.40
No. 5329—.475 Inside Diameter, Braided Secondary and 12 m.m. Rubber 3.40

TIMER AND SPARK PLUG WIRES

FOR FORD CARS UP TO 1914



This outfit consists of four differently colored primary wires enclosed in circular loom, for connecting timer and coil, with eye terminals on one end and the strands of the other ends bared and looped in a fibre sleeve; also four secondary or high tension wires cut to the proper length, to reach from the spark plugs to the coil connections on the dash, with eye terminals on one end and clip terminals on the other.



- No. 5080L—Set of Timer Wires Enclosed in Circular Loom and 4 Spark Plug Wires \$1.50
No. 5086L—Timer Wires Only, Enclosed in Circular Loom 1.00
No. 5145—Set of 4 Secondary Braided Spark Plug Wires Only60

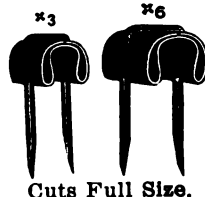
TIMER AND LIGHTING WIRES

FOR 1917 FORD CARS EQUIPPED WITH ELECTRIC HEADLIGHTS

- No. 6031L—Set Consists of 4 Primary Wires for Connecting Timer and Coil and 1 Weatherproof Wire for Connecting the Headlights, Cut to Proper Length, with all Necessary Terminals Attached, All Enclosed in Circular Loom. \$1.20

INSULATED STAPLES

BLAKE FIBRE



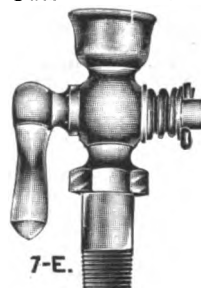
- No. 3— $\frac{3}{4}$ in. Long, for General Use, for Twisted Pair and Single Wires \$0.30
No. 5— $\frac{5}{8}$ in. Long, for Hardwood, for Twisted 3-Wire and Extra Heavy Pair Wire36
No. 6— $\frac{3}{4}$ in. Long, for General Use, for Twisted 3-Wire and Extra Heavy Pair Wire34

The fibre insulation on these staples cannot come off in driving.

100 in a Package.

PRIMING CUPS

Polished Brass, Long Shank.



- No. 7E— $\frac{1}{8}$ inch Iron Pipe Thread \$0.40
No. 8E— $\frac{1}{4}$ inch Iron Pipe Thread42

CHAMPION SPARK PLUGS

Champion Spark Plugs are standard factory equipment on 4 out of every 5 automobiles, tractors and stationary engines made in America. They are the recognized standard in the spark plug field.

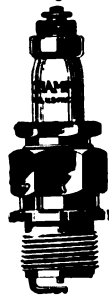


CHAMPION "X" SPECIAL ½ INCH FOR FORD CARS

No. 16—Porcelain Insulation

10 to 100.....	Each, \$0.86
In Single Lots.....	Each, .90

Adopted by the Ford Motor Co. as Standard Equipment on the Ford Car since 1911.



CHAMPION REGULAR Porcelain Insulation

	10 to 100	Single Lots
No. 24—½ in. Standard...Each,	\$0.94	\$1.00
No. 25—¾ in.-18 Thread...Each,	.94	1.00
No. 26—Metric.....Each,	.94	1.00

A most reliable plug. Sturdy in construction, patented cup gasket assembly, making compression leakage impossible.

Adopted as standard factory equipment on Maxwell, Lambert, Luverne, Regal and other well known cars.



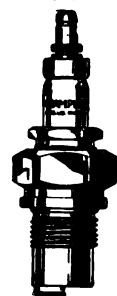
CHAMPION "O" OVERLAND ½ INCH

No. 70—Porcelain Insulation

10 to 100.....	Each, \$0.94
In Single Lots.....	Each, 1.00

Specially built for use in the Overland car. Adopted as factory equipment.

Numerous testimonials from car owners prove it to be the one dependable plug for the Overland under all conditions.



CHAMPION BUICK ¾-18 LONG FOR BUICK CARS

No. 17—Porcelain Insulation

10 to 100.....	Each, \$0.94
In Single Lots.....	Each, 1.00

Specially made for the Buick Car. Has long shell, conical porcelain and Buick Terminal.

The long shell allows the spark to ignite within the cylinder instead of in a pocket, as occurs when the ordinary type plug is used.



CHAMPION CONICAL Porcelain Insulation

	10 to 100	Single Lots
No. 24C—½ in. Standard...Each,	\$0.94	\$1.00
No. 25C—¾ in.-18 Thread...Each,	.94	1.00

Adopted by the Studebaker Corporation as standard factory equipment on all Studebaker cars.

Also standard equipment on Allen, Hollier, Elco, Dixie Flyer, Elgin, Grant and others.

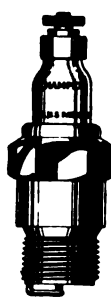


CHAMPION HEAVY DUTY One Piece Stone Insulation

	10 to 100	Single Lots
No. 75—½ in. Standard...Each,	\$0.94	\$1.00
No. 76—¾ in.-18 Thread...Each,	.94	1.00

Built for efficiency on the very highest type. The one piece construction makes leakage impossible.

Standard factory equipment on the Briscoe, Abbott-Detroit, Jackson, King, Stearns-Knight, Scripps-Booth, Velie, Winton and a large number of tractors and trucks.



CHAMPION ONE PIECE HEAVY STONE

	10 to 100	Single Lots
No. 18—½ in. Standard...Each,	\$1.20	\$1.30
No. 19—¾ in.-18 Thread...Each,	1.20	1.30
No. 20—Metric.....Each,	1.20	1.30

Specially made for racing cars and those of high power. Extra heavy material throughout. Absolutely compression tight.

Regular factory equipment on such cars as Moline-Knight, Owen Magnetic, Overland Six, Pathfinder, Peerless, Willys-Knight, White.



CHAMPION TWO PIECE HEAVY STONE

	10 to 100	Single Lots
No. 21—½ in. Standard...Each,	\$1.20	\$1.30
No. 22—¾ in.-18 Thread...Each,	1.20	1.30
No. 23—Metric.....Each,	1.20	1.30

A highly efficient plug for such cars as Chalmers, Cadillac, Chandler, Franklin, Hudson, Locomobile, Mitchell, Oldsmobile, Packard and Pierce-Arrow.



CHAMPION PRIMING

Porcelain Insulation

Will start any motor any time on the first quarter turn. Has key lock attached to needle valve for easy opening and closing. Brings the gasoline right at the sparking point.

	10 to 100	Single Lots
No. 27—½ in. Standard...Each,	\$1.00	\$1.70
No. 28—¾ in.-18 Thread...Each,	1.00	1.70
No. 29—Metric.....Each,	1.00	1.70



METZ ½ INCH, EXTENSION

No. 80—Porcelain Insulation

10 to 100.....	Each, \$0.94
In Single Lots.....	Each, 1.00

Adopted in 1913 as standard equipment on Metz cars.

Has extra long shell, bringing the spark well down into the cylinder.

Was used in the Metz car which won the Glidden tour in 1913, as well as many other victories.



CHAMPION HEAVY DUTY MOTORCYCLE

One Piece Stone Insulation

	10 to 100	Single Lots
No. 85—½ in. Standard...Each,	\$0.94	\$1.00
No. 86—¾ in.-18 Thread...Each,	.94	1.00

Standard factory equipment on the Harley-Davidson, Cleveland, Dayton, Flying Merkel, Smith, Motor Wheel and Seichel Motorcycles.



CHAMPION MOTORCYCLE

Mica Insulation

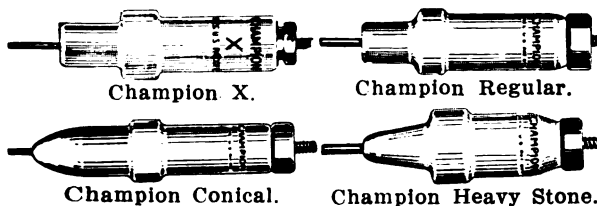
	10 to 100	Single Lots
No. 30—½ in. Standard...Each,	\$0.94	\$1.00
No. 31—¾ in.-18 Thread...Each,	.94	1.00
No. 32—Metric.....Each,	.94	1.00

Built to "stand the gaff." Has special oil resisting construction. Impossible to break. Absolutely gas tight.

Factory equipment on all Thor motorcycles.

NOTE—For Extra Porcelains See Following Page.
NOTE—SPECIAL PRICE ON CHAMPION PLUGS IN 100 LOTS.

CHAMPION SPARK PLUG PORCELAINS



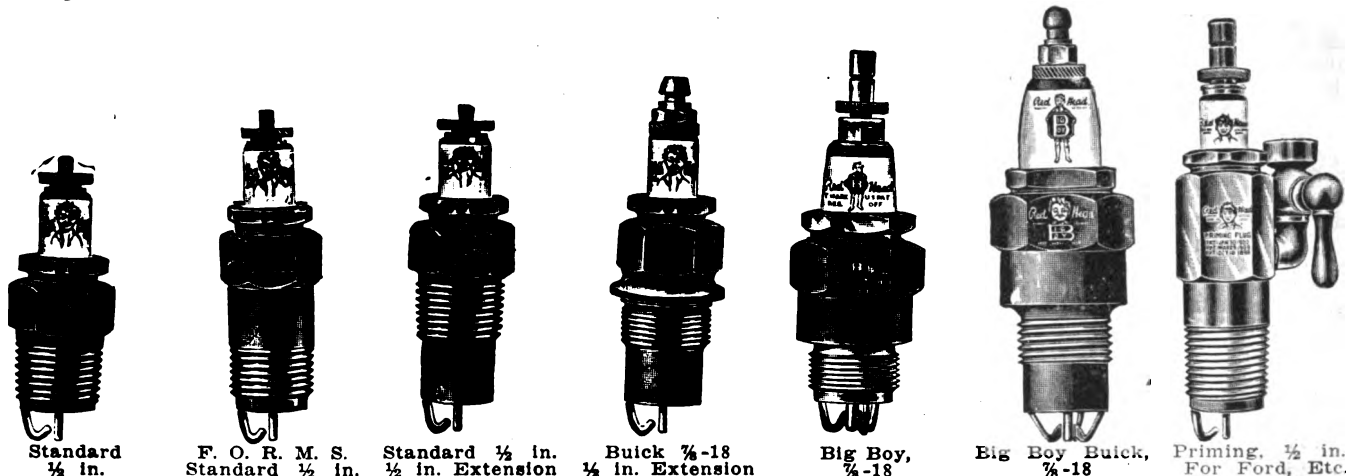
All Champion Spark Plug Porcelains are guaranteed against heat breakage. Made of special heat proof composition. Gaskets are included with each porcelain.

NOTE—When Ordering Always State Type of Plug You are Using.

	Less Than 100	100
No. 33—Champion X	\$0.60	\$0.54
No. 34—Champion Regular	.66	.60
No. 34C—Champion Conical	.66	.60
No. 35—Champion Heavy Stone	.70	.66
No. 36—Champion Priming	.70	.66

RED HEAD VITRISTONE SPARK PLUGS

Red Head Spark Plugs are guaranteed—not for one year—but forever. Printed guarantee packed with each plug. Red Head "Big Boy" Spark Plugs are recommended for high-powered cars, commercial vehicles, tractor service, stationary engines, etc. VITRISTONE represents a great advanced step in perfecting the Spark Plug. VITRISTONE can be had only in Red Head Spark Plugs.



	100 Lots	Single Lots		100 Lots	Single Lots
No. 40—1/2 inch Standard	\$85.00	\$0.90	No. 45—Big Boy, 1/2 inch Standard	\$125.00	\$1.30
No. 41—7/8 inch-18 Thread	85.00	.90	No. 46—Big Boy, 7/8 inch-18 Thread	125.00	1.30
No. 42—1/2 inch F. O. R. M. S. for Ford, Overland, Reo, Maxwell and Studebaker Cars	85.00	.90	No. 47—Big Boy Buick, 7/8-18, with 1/2 in. Extension	125.00	1.30
No. 43—1/2 inch with 1/2 inch Extension, for Reo and Overland Cars	85.00	.90	No. 48—Big Boy Overland, 1/2 inch, with 1/2 inch Extension	125.00	1.30
No. 44—Buick, 7/8-18, with 1/2 inch Extension	125.00	1.30	No. 49—Priming, 1/2 inch, for Ford and Other Cars	140.00	1.50
			No. 50—Priming, 7/8-18	140.00	1.50

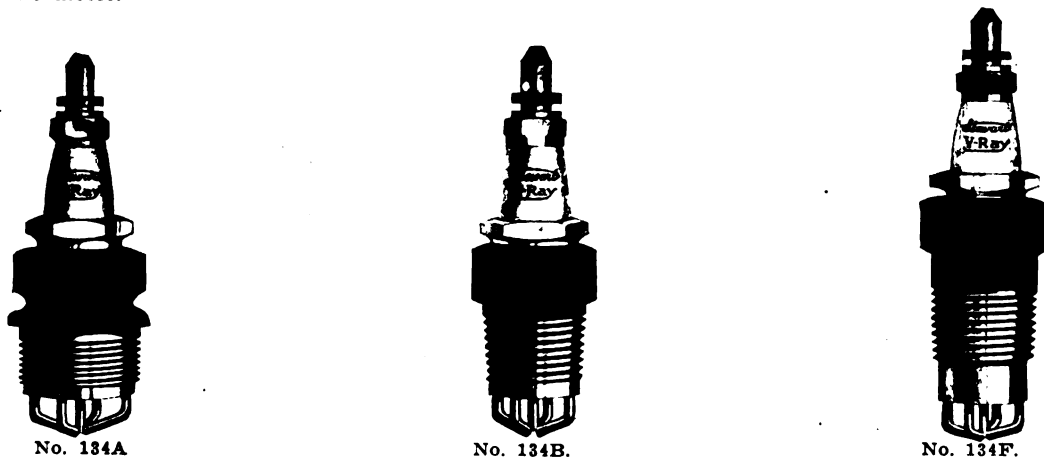
EXTRA VITRISTONE CORES.

No. 51—Extra Standard Plug Vitrystone Core	Each, \$0.72
No. 52—Extra Big Boy Plug Vitrystone Core	Each, .90
No. 53—Extra Priming Plug Vitrystone Core	Each, .76

Note—When Ordering Extra Cores Always State Number and Style of Plug same are wanted for, also if Straight or Tapered Side Petticoat, or Straight or Tapered Side Conical Type.

STEWART V-RAY 4-POINT SPARK PLUGS

The Stewart V-Ray Spark Plug has four sparking points instead of only one or two. This results in greater economy, efficiency and flexibility of the motor.



PETRIFLINT PORCELAIN INSULATION.

	100 Lots Each	Single Lots Each		100 Lots Each	Single Lots Each
No. 134A—7/8 in.-18 Thread, S. A. E., Standard Length	\$0.95	\$1.00	No. 134G—7/8 in.-18 Thread, S. A. E., with Extension	\$0.95	\$1.00
No. 134B—1/2 in. Pipe Thread, Standard Length	.95	1.00	No. 135C—Mogul, 7/8 in.-18 Th'd, Large Type, for Heavy Duty, with Extension	1.20	1.25
No. 134F—Ford, 1/2 in. Pipe Thread, with Extension	.95	1.00			

Extra Porcelains for Stewart Spark Plugs, When Ordering State Type of Plug, for 134 Series.....Each, \$0.38
 Extra Porcelains for Stewart Spark Plugs, When Ordering State Type of Plug, for 135C Series.....Each, .65

BETHLEHEM SPARK PLUGS

BETHLEHEM FIVE-POINT

Porcelain Insulation.

The Bethlehem Five-Point Spark Plug is of proven superiority. Absolutely gas tight. Will stand up under the most severe conditions. Each part absolutely accurate to within three-one-thousandths of an inch.

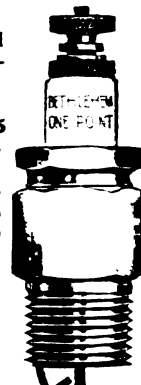
Bethlehem
Five-Point.

	1 to 24	30 to 99	100
No. 61—Regular Type, 1/2 inch Standard.....	Each, \$1.40	1.80	1.25
No. 62—Regular Type, 3/8 inch-18 Thread.....	Each, 1.20	1.10	1.05
No. 63—Type A, 1/2 inch, with 1/2 inch Extension, for Ford Cars.....	Each, 1.20	1.10	1.05
No. 64—Type C, 1/2 inch, for Overland, Winton and Reo Cars.....	1.20	1.10	1.05
No. 65—Type D, 3/8 inch, Long, for Buick Cars, with Buick Terminal..	1.20	1.10	1.05
No. 66—Extra Porcelain Cores, Any Quantity.....	Each, \$0.60		

BETHLEHEM ONE-POINT

Porcelain Insulation.

This One-Point Plug is especially designed for those who desire quality at a low price. "Bethlehem" workmanship throughout. Will give uniform satisfaction. Nickel plated and made of standard high grade materials.

Bethlehem
One-Point.

	In 100 Lots Each	Each
No. 90—1/2 inch Standard, Regular Type.....	\$0.56	\$0.60
No. 91—3/8 inch-18 Thread, Regular Type.....	.56	.60
No. 92—Extra Porcelain Cores.....	Each, .30	

HOW TO MEASURE SPARK PLUGS

On all 1/2 inch plugs the base of the shell measures 1 1/8 inch at the top; 3/4 inch at the bottom. This makes a tapered thread, thus doing away with the gaskets used in 3/8-18 plug. It is called the 1/2 inch standard pipe thread on account of an expression used by the pipe people because of it being 1/2 inch diameter at the bore.

The 3/8-18 plug is 3/8 inch diameter at both the top and bottom of threads, and as there are 18 threads to the inch, the name is obtained in that way.

Metric thread is a French name; is approximately 1 1/8 inch outside diameter top and bottom. There is no taper in this at all. This is sometimes called 18 millimeter thread.

TABLE OF SIZES OF SPARK PLUGS

Recommended for the Principal Pleasure Cars.

Name of Car	Size of Plug	Name of Car	Size of Plug	Name of Car	Size of Plug
Abbot-Detroit	3/8-18	Herff-Brooks	1/2 in.	Oldsmobile	3/8-18
Alco	3/8-18	Henderson	3/8-18	Overland	1/2 in.
Allen	3/8-18	Hudson	3/8-18	Overland "Six"	3/8-18
Ames	3/8-18	Hupmobile	3/8-18	Packard	Metric
American	3/8-18	Imperial	3/8-18	Paige Detroit	3/8-18
Apperson	3/8-18	Interstate	3/8-18	Patterson	3/8-18
Argo	1/2 in.	Jackson	3/8-18	Pathfinder	3/8-18
Auburn	3/8-18	Jeffery	3/8-18	Peerless	3/8-18
Austin	3/8-18	Kearns	1/2 in.	Pierce Arrow	3/8-18
Belmont	1/2 in.	Keeton	3/8-18	Pilot	3/8-18
Brisco	3/8-18	King	3/8-18	Pope Hartford	3/8-18
Buick	3/8-18 Long	Kissel Kar	3/8-18	Pratt Elkhart	3/8-18
Cadillac	3/8-18	Kline Kar	3/8-18	Premier	3/8-18
Cartercar	3/8-18	Knox	3/8-18	Pullman	3/8-18
Case	3/8-18	Krit	1/2 in.	R. C. H.	1/2 in.
Chadwick	Metric	Lenox	3/8-18	Rayfield	1/2 in.
Chalmers	3/8-18	Lewis	1/2 in.	Regal	1/2 in.
Chandler	3/8-18	Lexington	3/8-18	Reo	1/2 in.
Chevrolet	3/8-18 Long	Locomobile	3/8-18	Republic	3/8-18
Cole	3/8-18	Lozier	3/8-18	Saxon	3/8-18
Crawford	3/8-18	Luverne	3/8-18	Scripps-Booth	3/8-18
Continental	1/2 in.	Lyons-Knight	Metric	Selden	3/8-18
Crow-Elk-Hart	3/8-18	McFarlan	3/8-18	Simplex	Metric
Davis	3/8-18	McIntyre	3/8-18	Singer	3/8-18
Detroit	1/2 in. Long	Marathon	1/2 in.	Spaulding	3/8-18
Dispatch	1/2 in.	Marion	1/2 in. & 3/8-18	Speedwell	3/8-18
Dodge	3/8-18	Marmon	3/8-18	Staver	3/8-18
Dorris	3/8-18	Mason	1/2 & 3/8-18	Stearns Knight	Metric
Empire	3/8-18	Maxwell	3/8-18	Stevens-Duryea	1/2 & 3/8-18
Eger	3/8-18	Mercer	3/8-18	Stoddard-Dayton	3/8-18
Ford	1/2 in.	Metz	1/2 Ex. Long	Studebaker	1/2 in.
Franklin	3/8-18	Michigan	3/8 Long	Stutz	3/8-18
Garford	3/8-18	Mitchell	1/2 in.	Universal	1/2 in.
Gaylord	1/2 in. Long	Moline	1/2 in.	Velie	3/8-18
Glide	3/8-18	Moon	1/2 in.	Wahl	1/2 in.
Grant	3/8-18	Monarch	3/8-18	Wescott	3/8-18
Great Western	1/2 in.	National	3/8-18	White	3/8-18
Havers	1/2 in.	Norwalk	1/2 in.	Willys-Knight	3/8-18
Haynes	3/8-18	Nyberg	1/2 in.	Winton	3/8-18
Hercules	3/8-18	Oakland	3/8-18	Zimmerman	1/2 in.
		Ohio	3/8-18	All Foreign Cars, Regular	Metric

SPARK PLUG KITS OR HOLDERS

Per Dozen

No. 4—Meritas Rubber Cloth, Made to Hold 4 Spark Plugs of Any Make, Made so that the Plugs Can be Put Inside and Tightly Closed by Means of Glove Fasteners, thereby Keeping them Clean and Preventing Breakage \$6.00



SPARK PLUG WRENCHES

Per Dozen

No. 1—Fits 3/8 and 1 1/8 inch Shells. Malleable Iron, Dull Nickel Finish, with Removable Handle..... \$3.60
No. 2—Fits 1/2 inch Spark Plug..... 3.60

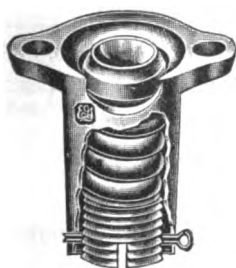


ANTI-RATTLING BALL SOCKETS**FOR FORD CARS**

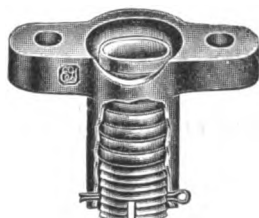
The rear ends of the radius rod on Ford cars form a ball, which on all models prior to 1914 is held by a solid steel cap. This ball joint wears from vibration and the result is an annoying rattle. The later models are equipped with an exposed spring device intended to compensate wear, but it soon loses its effectiveness and must be replaced.

Both ends of the steering gear connecting rod also form a ball and socket joint held by a solid cap, which also develops wear and rattles.

These Anti-Rattling Ball Sockets are the only relief.



No. 5142.



No. 5155.

No. 5142—For Radius Rod, Hard Brass Casting, Black Enameled, with Screw Adjustment to Take up Wear \$0.40

No. 5155—For Steering Rod, Hard Brass Casting, Black Enameled, with Screw Adjustment to Take up Wear, Two Required on Every Ford Car..... \$0.52

DOUBLE-BALL BRAKE ROD SUPPORT FOR FORD CARS

The regular pressed steel support for the brake rod is not provided with an adjustment to take up the wear and soon loses its effectiveness, causing the brake rod to rattle.

This Brake Rod Support has a spring for the automatic adjustment of wear. The brake rod slides between two steel balls, which action allows the rod to work freely and eliminates the wear. It also permits the brakes to be operated with the minimum of effort.

No. 6059—Malleable Iron Housing, Baked Black Enameled \$0.68

TIMERS FOR FORD CARS**MILWAUKEE**

Designed for the Model T Ford car and will fit the late 1912, 1913, 1914, 1915 and 1916 cars. The main case or cover is a one-piece casting, lathe-turned to fit the counter-bore of the engine gear cover. The contact surfaces are ground with greatest possible care, and are insulated with the highest grade grey fiber. The carrier is a bronze casting and is fitted with a wide, hardened, tool steel roller.

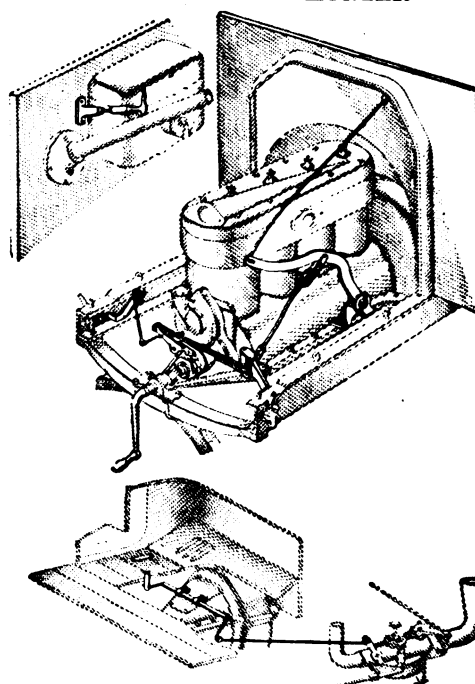
Furnished regular without oil cup and terminal screws, as these parts can be taken from old timer.

No. FT18—Without Oil Cup and Terminal Screws.... \$2.40

R. C. W. MASTER VIBRATORS**BUILT EXPRESSLY FOR USE ON FORD CARS****WHY YOU SHOULD HAVE AN R. C. W. MASTER VIBRATOR:**

1. It gives motor more power.
2. It has large Tungsten Vibrator Points.
3. It makes spark 50 per cent stronger.
4. It makes your cylinders fire perfectly.
5. It makes your engine run smoothly.
6. It makes your engine run slower on high speed.
7. It does away with adjusting four separate Vibrators.
8. It makes your car start easier.
9. It can be used on batteries or Ford cars.
10. The hot spark will prevent carbon on spark plugs.
11. Every R. C. W. Master Vibrator is guaranteed to have 25 per cent stronger and hotter spark than any other vibrator on the market.

R. C. W. Master Vibrator..... \$10.00

STARTERS FOR FORD CARS**HUNTER**

A new principle applied to a mechanical starter to turn a motor easier from the seat than at the crank and permit the most simple method of installation.

The only mechanical starter with a multiplied leverage. Ratio is about twelve to one against eight to one with regular crank.

The long leverage obtained is what makes the "Hunter" so easy to operate.

You can positively start your car winter or summer. A priming attachment for starting in cold weather is furnished which is positively reliable.

Every part under the hood except the handle on the dash. This handle is nickel plated. All parts of the starter are applied where holes already exist except the hole through the dash for the flexible rod, between the vibrator box and steering column. Does not remove the crank. Not a part or accessory removed or interfered with.

Hunter Starter—For Ford Cars..... \$18.75

FOOT PEDALS



Malleable Iron, Baked Black Enamel.

No. 5219—A Large, Heavy Lock Pedal.....Each \$0.84

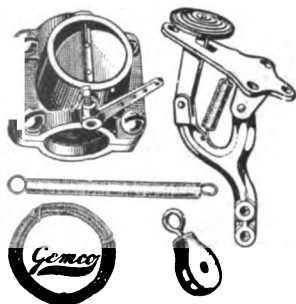


Malleable Iron, Baked Black Enamel.

No. 5220—A Spring Actuated Lock Pedal.....Each \$0.50

CUT-OUT OUTFITS

GEMCO, FOR FORD CARS

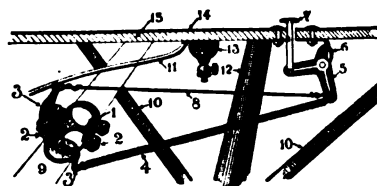
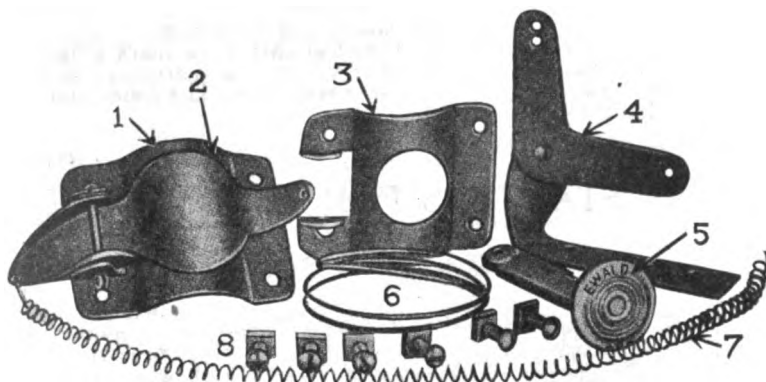


Every Ford owner should have his car equipped with a Cut-Out so he knows whether his motor is working perfectly.

Increases the horse power by allowing the gases to escape freely through the Cut-Out.

No. 3—Consists of 1 Iron Cut-Out Bored to Proper Size, 1 Spring Actuated Lock Pedal, 1 Spring and 4 feet of Wire Cable.....Each \$1.00

EWALD'S ALL STEEL, FOR FORD CARS



Cut Showing Ewald's All Steel Cut-Out Installed.

Releases the strain on your engine caused by gases in the muffler.

Helps the car over the hills.

Aids you locating engine trouble, as you can tell at once if your engine is missing fire.

Gives a more positive cut-out than any other on the market, as it throws the exhaust direct into the air and not through another pipe or cast tee.

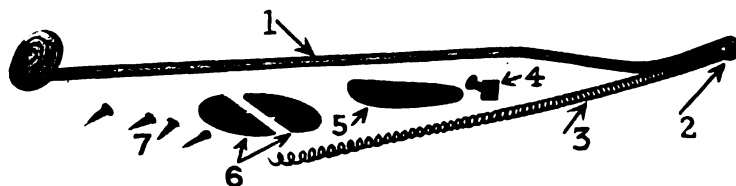
It is impossible to break or wear out as it is constructed of solid steel.

No. 1 in the above picture represents the Steel Cut-Out with Damper (2) attached. (3) the upper half of Cut-Out (4) Bell-Crank and Bracket. (5) Plunger with Polished Brass Cap. (6) Connecting Wire. (7) Spring. (8) Bolts. See Photo to the right for complete assembly.

No. 75—Complete with All Necessary Attachments.....Each \$1.00

FOOT ACCELERATORS

EWALD'S



FOR FORD CARS

Simple, Light and Durable.

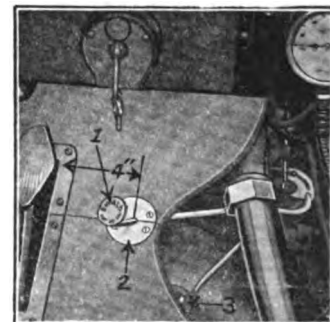
Easy to Put On.

Can be Attached by Anyone in a Few Minutes.

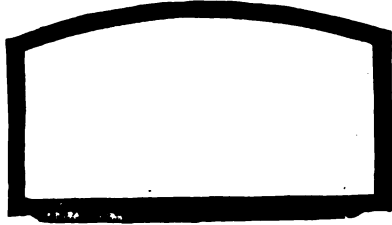
No. 1 is the Accelerator push rod. No. 2, hole in which to lock spring No. 3. No. 4, bolt to fasten plate (5) to the carburetor. No. 6, two guide plates which are fastened to the floor boards by screws (7).

Does not interfere with the handling of the hand throttle. Increases the flexibility or quickness of your motor from 25 to 50%. Enables the driver to get the car under full speed almost instantly. Leaves the driver's hand free to operate the steering wheel, horn or brakes. Insures safety first. The instant you take your foot from the accelerator to apply your brake, the motor slows down.

No. 50—Made of the Best Steel Obtainable, Foot Pedal has Polished Brass Cap, Complete.....Each \$0.90



REAR CURTAIN LIGHTS FOR FORD CARS

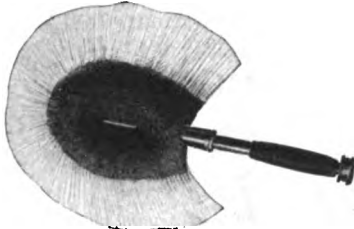


No. 10—Full Size, Fits 1914 to 1917 Ford Cars.....\$12.00

A light to replace a broken light in a rear curtain. Requires only a penknife and five minutes' time to attach it securely and neatly. Saves taking the rear curtain off, and costs less than having new celluloid sewed in the curtain.

The light is provided with an extra long rain flap, and attaches securely all the way round.

AUTO BRUSHES SANITAX FOUNTAIN

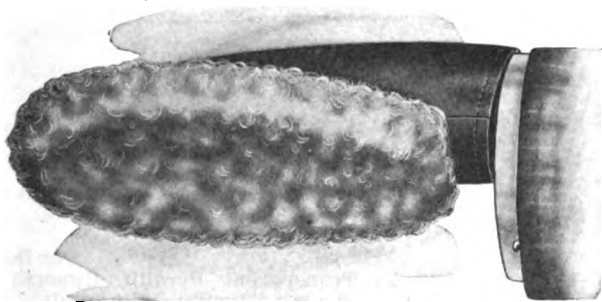


The Sanitax Fountain Auto Brush is automatic in action—removes the hardest clay, mud or grit from the surface to which it is applied almost instantly, without a scratch or streak.

The constant stream of clear, running water passing through the brush from an ordinary garden hose, not only loosens the mud but washes it away. The sand, grit, gravel or sandy particles, that become imbedded in the pores of an ordinary carriage sponge, never find lodgment in the Sanitax. This is the secret of its soft, non-scratching action—the secret of its efficiency and satisfaction wherever used.

Each Sanitax Fountain Auto Brush.....\$4.50

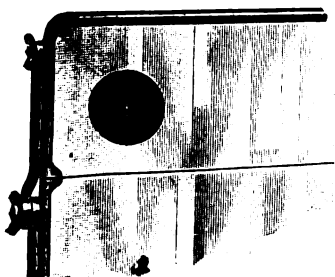
POLISHING MITTENS BULLY WOOLY



No. 1BW—Made from Best Quality Selected Bark Tanned Sheep Skin, Finished on Back with Heavy Duck, Made without Thumb and Can be Worn on Either Hand.....\$4.50

Polishes anything, Auto Bodies, Woodwork, Furniture, Stoves, Motorcycles, Brass Ware, Windows, etc.

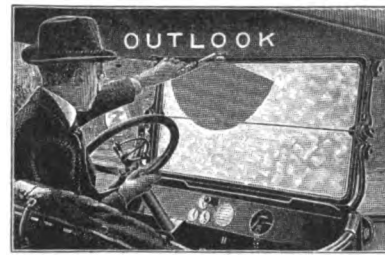
KILGLARE DIMMERS



No. 44—5 inch Diameter, Made of Celluloid, Green Color, Fitted with Rubber Suction Cup by which it is Attached to Wind Shield.....\$3.00

Serves to dim the glare of headlights of oncoming machines. Makes night riding a pleasure.

WINDSHIELD CLEANERS "OUTLOOK"



No. 17—Adjustable Best Grade Rubber Wiper, Black or Nickel Finished Metal Frame, Weight Each About 12 Oz.....\$18.00

Fits any wind shield. Attached in two minutes. Cleans without leaving your seat.

For driving safely when the wind shield is up, whether in summer showers or winter storms, this cleaner is absolutely needed.

Note—When Ordering, Always State if Black or Nickel Finish is Wanted.

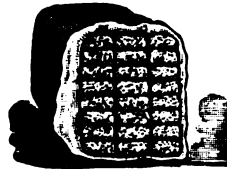
SPARK PLUG BRUSHES



No. 1—Combination Wire and Bristle Brush for Cleaning Spark Plugs, Complete with Two Stiff Flat Steels for Cleaning Out Those Parts of the Plug Ordinarily Inaccessible.....\$0.30

SPONGES

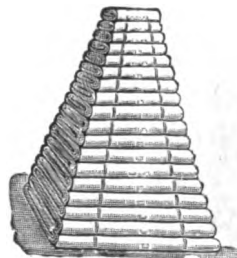
High Grade, Soft and Velvet Like.



No. 1M—Medium Size.....\$0.40
No. 2L—Large Size......60
No. 3E—Extra Large Size..... 1.20

CHAMOIS SKINS

Best Grade, Oil Tanned, no Sewed or Imperfect Goods, Always Soft After Washing.



Size, Inches..... 12x16..... 16x21
Each.....\$0.60..... 1.40
Size, Inches..... 19x25..... 26x28
Each.....\$1.90..... 2.30

COTTON WASTE



No. 1—White, In 50 and 100 Lb. Pressed Bales...\$0.34

For cleaning automobiles, greasy hands and everything about the garage.

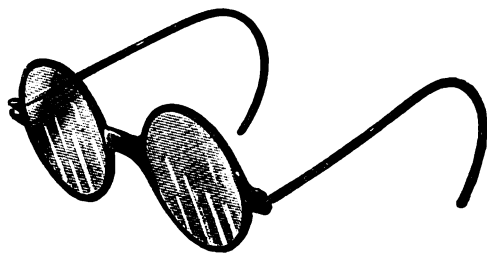
No. 10—Waste, in 1 Lb. Bags.....Per Bag, \$0.40
No. 20—Waste, in 10 Lb. Bags.....Per Pound, .38

CUT RAWHIDE LACING



Superior Quality Rawhide.
Width, Inches..... ¼..... ¾..... 1 ½..... 2 ½
Per 100 Feet.....\$4.45..... 6.40..... 9.35..... 11.00
100 Feet in a Bundle.

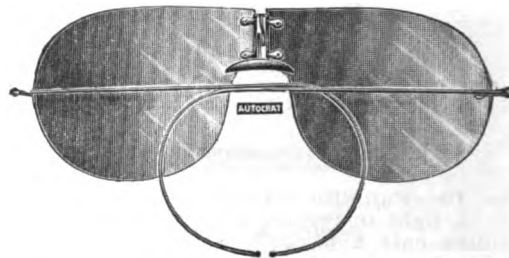
SPECTACLES



- No. 329—Large Round Eyes, 2 inch Diameter Mi-Coquille Lenses, Imitation Tortoise Shell Frame and Temples, Carefully Made and of Exceptionally Good Finish, Split Joints, Optician's Screws, One in a Box.....\$24.00
- No. 396—Same Style as No. 329, but Smaller and Cheaper Quality 12.00

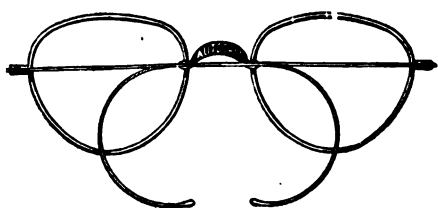


- No. 2 Assortment—Consists of 74 Pairs Willson Most Popular Goggles and Spectacles, Embracing 12 Styles, Put up in a 11½x14x12½ inch Handsome Mahogany Colored Show Case.....\$30.00



- No. 380—Frameless, Extra Quality Amber Tinted Optical Lenses Bent to Conform to the Shape of the Head, Nose-Piece Can be Bent in or Out to Give Correct Adjustment, Gold Temples, One in a Spring Cover Case....\$48.00

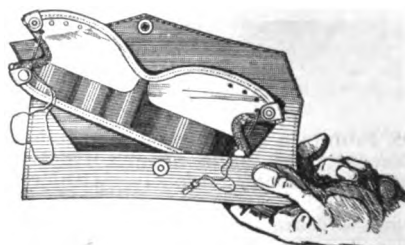
SPORTSMEN'S GLASSES



Open Air Eye Guards, Suitable for All Sporting Uses for Ladies' Wear.

- No. 324—1½x1½ inch Amber Tinted Lenses, 10K Gold Filled Warranted Frame, Velvet Temples, Swell Saddle Bridge, Very Comfortable, One in a Spring Cover Case.....\$24.00

GOGGLES



A Compactly Folding Flexible Goggle, Full Convex Formed when Open and Flat when Folded, Made of Transparent Flexible Pyralin, Put up in a Strong Case.

- No. F. D.—Dimmer Goggle, Clear or Amber Lower Portion, Green Upper Portion.....\$10.00
- No. F.—Clear or Amber, without Dimmer..... 8.00

GOGGLES



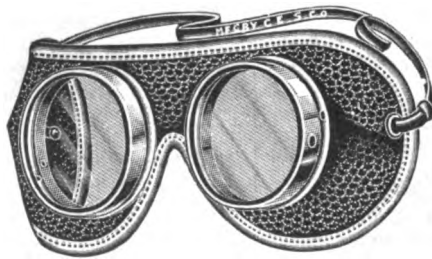
- No. 59—Dearborn, Amber or Clear, Perfectly Ventilated, Silk Chenille Bound, a Neat Eye Protector that is not Easily Broken\$8.50



- No. AC—Dimmer Goggle, Transparent Pyralin, Upper Vision Green, Lower Amber, Bound with Felt, Elastic Head Band, Makes Night or Day Riding a Joy, Dim the Glare of Headlights.....\$4.50



- No. 18—Four-Way, Four Removable Clear Glass Lenses Set in Metal Holders, Leather Mask Edged with Velvet, Adjustable Elastic Head Band\$9.00



- No. 3—1½ inch Diameter Clear Glass Lenses, White Metal Cups, Properly Ventilated, Neatly Bound Leather Mask, Elastic Head Band.....\$2.00



- No. 6—Slanting Clear Glass Lenses, Ventilated Aluminum Cups, Selected Leather Mask, Elastic Head Band.....\$2.00

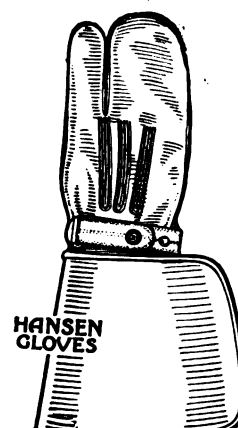
AUTOMOBILE GAUNTLETS



No. 6200.



No. 923.



No. 749.

All Made in Sizes up to 10½ inches. Size 9 Best Seller.

Auto Gauntlet.

This Folding Cuff Gauntlet has become the most popular style for motorists. It has the added convenience of folding up to pocket size.

Per Pair

- No. 6200—Black Grain Leather, Folding Cuff, without Lining. \$4.50
 No. 6747—Same as No. 6200, but Fleece Lined 5.00

Auto Gauntlet.

Good quality in every line and stitch. Will always stay soft and pliable.

Per Pair

- No. 923—Black Grain Leather, without Lining \$3.70
 No. 832—Same as No. 923, but Fleece Lined 4.30

One-Finger Auto Mitten.

Your hands will always be warm and comfortable in this style. Has long wrist for hand freedom and a cuff big enough to go over coat sleeve.

Per Pair

- No. 749—Black Grain Leather, Heavy Warm Lining.....\$8.20
 No. 6737—Black Grain Leather, Fleece Lining 5.00

AUTOMOBILE CAPS



No. 642.

- No. 642—Men's Golf Style, Tan Rubberized Waterproof Material, Featherweight.....\$ 9.00

A very popular cap for automobiling.

- No. 715—Men's, Band Golf Style, Tan Waterproof Silk, Leather Trimmed, Very Light. 18.00



No. 715.



No. 726.

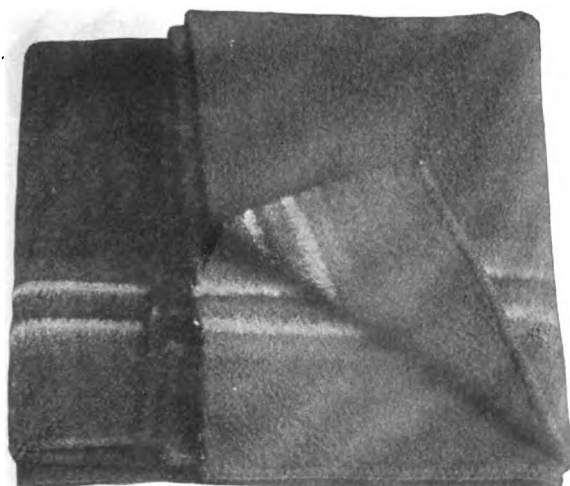
- No. 726—Men's, Band Golf Style, Waterproof Material, Slip or Rain Coat Collar, Will Match Your Slip or Waterproof Rain Coat. \$18.00

- No. 5906—Men's, English Golf Style, Striped Gray Silk, Very Light and Soft, Just the Thing for Traveling or Automobiling.... 18.00



No. 5906.

BULLY WOOLLY AUTOMOBILE ROBES



KERSEY CLOTH

- No. 5003—54x72 inches, Gray Covert, Waterproof Flannel Lining. Each \$5.68
 No. 5004—52x72 inches, Black Kersey, X Grade, Waterproof Lined. 6.00

MACKINAW

- No. 5013—52x72 inches, Fine Grade Fancy Mackinaw, Waterproof Lined Each \$ 7.00
 No. 5009—54x72 inches, Extra Heavy Fancy Mackinaw, Mohair Binding 10.00

DOE SKIN

- No. 5002—Black Scotch Doe Skin, Plush Lining, Double Stitched Border, Waterproof Inner Lining, Very Durable and Warm.
 Size, Inches 54x66 54x72
 Each \$12.00 13.00

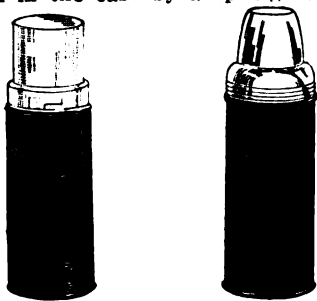
FUR

- No. 5000—Dark Brown Canadian Lamb, Black Plush Lining, Stitched Border.
 Size, Inches 48x60 54x66 60x70
 Each \$20.00 22.00 25.00
 No. 5001—Genuine Curly Black Angora, Black Plush Lining, Stitched Border.
 Size, Inches 54x66 60x70
 Each \$30.00 33.10

UNIVERSAL VACUUM BOTTLES

Keeps Hot Liquids Hot 24 Hours, Keeps Cold Liquids Cold 72 Hours.

Universal Vacuum Bottles are the most sanitary. The Glass Filler is the life and soul of any vacuum bottle. Universal Fillers by test show greatest resistance to breakage, the glass used is the very best that can be obtained. Filler is supported in the case by a spring steel retainer and shock absorber.



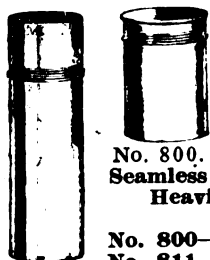
- Nos. 61 and 62. Nos. 71 to 72.
Heavy Cold Rolled Metal Case. Each
- No. 61—Pint, Heavily Tinned Seamless Cap, Black Enamelled Case \$1.25
- No. 62—Quart, Same as No. 61.. 2.00
- No. 71—Pint, Nickel Plated Shoulder and Cap, Rubber Gasket in Shoulder, Green Enamelled Case 1.75
- No. 72—Quart, Same as No. 71.. 2.75

VACUUM CARAFES



- Heavy Nickel Plated Case. Each
- No. 822—Quart, Exposed Neck, Combination Metal and Cork Stopper \$4.50
- No. 5822—Quart, Exposed Neck, Combination Metal and Cork Stopper, with Handle..... 6.50

VACUUM FOOD JARS



- Will carry and maintain temperature of hot baked beans, meat stews, etc., cold salads, butter, etc.
- No. 800. Seamless Drawn Brass Case, Heavily Nickel Plated. Each
- No. 800—Half Pint.... \$2.50
- No. 811—One Pint.... 3.00

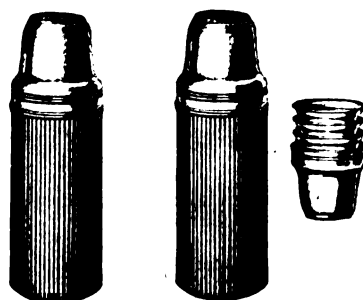
CARRYING CASES



- Black Grained Leatherol, Bright Green Lining. Each
- No. 501—For Pint Bottle \$1.15
- No. 502—For Quart Bottle 1.25
- No. 522—For Two 1 Quart Bottles or 1 Bottle and a Lunch Box 2.25
- No. 532—For 3 Quart Bottles or 2 Bottles and Lunch Box 4.00



- Heavy Cold Rolled Metal Case. Each
- No. 21—Pint, Aluminum Shoulder, Case \$1.50
- No. 22—Quart, Same as No. 21.. 2.50



- Nos. 91 and 92. No. 592.
- Corrugated Brass Case, Full Nickel Plated, Finely Finished. Each
- No. 91—Pint, Rubber Gasket in Shoulder \$2.25
- No. 92—Quart, Same as No. 91. 3.25
- No. 592—Quart, with 3 Cups Nested in Cover..... 4.25



- Seamless Brass Case, Full Nickel Plated, Beautifully Finished. Each

- No. 81—Pint, Perfectly Smooth Case, Rubber Gasket in Shoulder \$2.50
- No. 82—Quart, Same as No. 81.. 3.75

EXTRA PARTS.

For Universal Vacuum Bottles.

Extra Fillers.

- Each
- No. 01—Pint Size \$1.00
- No. 02—Quart Size 1.75

Extra Springs.

- Each
- No. 2P—Pint Size \$0.25
- No. 2Q—Quart Size25

Extra Corks.

- Per Dozen
- No. 6P—Pint Size \$0.70
- No. 6Q—Quart Size70

MOTOR LUNCHEON SETS



No. 172.

Wood Cases, Dovetailed Corners, Covered with Dull Black Heavy Enamelled Cloth, Dark Green Lining, Nickel Plated Trimmings.

- Each
- No. 172—Fitted with Two No. 82 Bottles, Two One Quart Nickel Plated Lunch Boxes, and One Set of Four Nickel Plated Cups..... \$17.00

- No. 242—For Four Persons, Two No. 82 Bottles, One No. 800 Jar, Food Boxes, Plates, Napkins, Spoons, Knives and Forks, Etc. \$38.50

- No. 442—Trunk, for Four Persons, Two No. 82 Bottles, One No. 800 Jar, Food Boxes, Plates, Napkins, Knives and Forks, Spoons, Sugar and Preserve Jars, Cups, Shakers, Etc 47.50



No. 242.



No. 442.

LUNCH BOXES

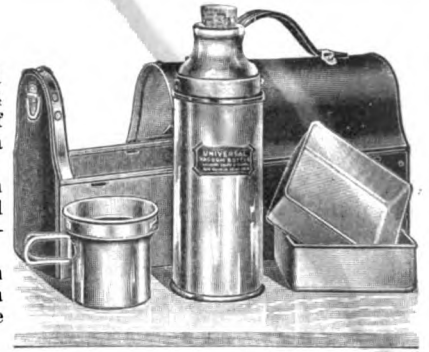
UNIVERSAL

The Universal Vacuum Bottle has a capacity of 1 pint and warranted to keep the contents hot for 24 hours or cold for 72 hours. The bottle is made of highly silvered glass and is held in place inside of a heavy tin guard case by a metal spring container.

The food drawer, when closed, is held securely in place by an automatic spring catch. There is no need of strap or other additional locking device. The automatic spring catch is thoroughly dependable.

Free circulation of air throughout the box when closed is made possible by a number of vent holes in the top and sides, which keeps the box sweet and the food within it fresh, appetizing and wholesome.

Each



Each

- No. 10—10 inches Long, 4 1/4 inches Wide, 7 inches High, Heavy Tin, Tan Finish, Collapsible Genuine Leather Handle, Brass Plated Trimmings, Complete with Universal Vacuum Bottle and Drinking Cup.....\$2.50
- No. 310—Black Finish, Nickered Trimmings, Otherwise Same as No. 10.....2.50
- No. 410—Monitor Gray Finish, with No. 21 Bottle, Otherwise Same as No. 10.....2.75

- No. 20—10 inches Long, 4 1/4 inches Wide, 7 inches High, Heavy Tin, Tan Finish, Collapsible Genuine Leather Handle, Brass Plated Trimmings, Complete with Universal Vacuum Bottle, Drinking Cup and Two Aluminum Trays.....\$2.75
- No. 320—Black Finish, Nickered Trimmings, Otherwise Same as No. 20.....2.75
- No. 420—Monitor Gray Finish, with No. 21 Bottle, Otherwise Same as No. 20.....3.00

RADIUM
DECARBONIZERS

- Per Dozen
- 1 Quart Cans—1 Dozen in a Case.....\$ 9.60
- 1/2 Gallon Cans—1/2 Dozen in a Case.....16.00
- 1 Gallon Cans—1/2 Dozen in a Case.....27.20

The great and original carbon remover. Engine power increased 25%. Removes carbon from gas and gasoline engines tuned up to its highest efficiency, increasing horse power as high as 25%.

RADIATOR
DECALCIFIER

(LIME SOLVENT)



- Per Dozen
- 1 Pint Cans—1 Dozen in a Case.....\$ 8.00
- 1 Quart Cans—1 Dozen in a Case.....12.00

This compound removes all lime in radiating system and engine, and prevents overheating of engine.

SE-MENT-OL



- Per Dozen
- Se-Ment-Ol—7 Oz. Can, 12 Cans in a Case.....\$9.60

Se-Ment-Ol is the original self-acting radiator cement. It finds the leak and fixes it. Take off the radiator cap, pour in Se-Ment-Ol, run the engine fifteen minutes, drain the radiator and fill with clear water. That's all.

RIM AND GASKET
SHELLAC

PIONEER



- Per Dozen
- 2 1/2 Oz. Swab Bottle, 12 Bottles in a Case.....\$1.60
- 1/2 Pint Cans, 12 Cans in a Case.....8.20

Pioneer Rim and Gasket Shellac is used to cement bicycle tires to their rims, also to coat gaskets so that a perfectly tight union may be made.

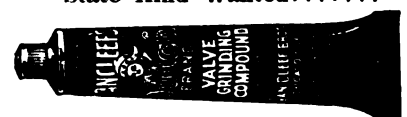
VALVE GRINDING
COMPOUND

DUTCH BRAND

Absolutely Nothing Better on the Market



- Per Dozen
- 7 Oz. Duplex Round Screw Cap Box, Coarse for Rough Work and Fine for Mirror-Like Surface, 1 Dozen in a Box.....\$4.80
- 1 Lb. Can, Coarse or Fine, Always State Kind Wanted.....9.60



- Per Dozen
- 1/2 x 2 1/2 inch Tubes, for Motorcyclists and Those not Requiring a Large Quantity, 1 Dozen in a Box.....\$0.70
- For grinding valves and general polishing, free from magnetic iron or injurious ingredients of any kind. Cuts quick.

HAND CLEANER



- Per Dozen
- Hand Witch—12 Oz. Tin Can, Antiseptic Lightning Dirt Remover.....\$1.60

MOHAIR TOP DRESSING

PEERLESS



Makes old tops look like new. Waterproofs leaking tops. Dries over night ready for use and will not collect dust. Leaves the cloth soft and pliable. Cements the layers of cloth together.

Use on Mohair, Duck and Canvas Cloth Tops and Curtains, not for leather. Black is the regular color used on dark tops to cover stains, faded parts and grease spots.

No. 1—1 Pint Cans, 24 in a Case.....	Each \$0.72
No. 2—1 Quart Cans, 24 in a Case.....	1.35

LEATHER TOP DRESSING

PEERLESS



For Leather, Rubber, Pantosote Tops and their imitations. An oil preparation made to renew the dead finish on old top leather and imitations. Dries dust free in two hours and hard in four to six hours with good lustre.

Will not harden or stiffen the leather, but will soften hard leather without danger of cracking. Not for Seats or Cushions, for Black Leather only.

No. 3—1 Pint Cans, 24 in a Case.....	Each \$0.72
No. 4—1 Quart Cans, 24 in a Case.....	1.35

LINING DYE

PEERLESS



Made in Black only. Covers all stains and faded parts alike.

A preparation which makes a uniform color on all cloth linings of automobile tops and curtains.

Dries in four to six hours and does not stiffen or harden the cloth, wash or rub off. Can be used for seat covers.

No. 5—1 Pint Cans, 24 in a Case.....	Each \$0.72
No. 6—1 Quart Cans, 24 in a Case.....	1.35

EXTRA FINE BLACK JAPAN

PEERLESS



A Black Gloss Finish, Air Drying Solid Covering with one coat over Brass, Nickel or Iron. Two coats used for best work. No priming or undercoat required, only before applying wash the surface to be coated with gasoline to remove all grit.

Dries hard in ten to twelve hours with a high gloss finish that does not crack, chip or peel.

For Lamps, Fenders, Wind Shield and Metal Parts or for refinishing entire car.

No. 7— $\frac{1}{2}$ Pint Cans, 24 in a Case.....	Each \$0.40
No. 8—1 Pint Cans, 24 in a Case.....	.72
No. 9—1 Quart Cans, 12 in a Case.....	1.35

AUTO PAINTING OUTFIT

PEE GEE, FOR FORD CARS



A complete Painting Outfit containing everything for painting your Ford or any car of similar size—quality the best.

The job is easily done, simple and inexpensive. Only a few hours' work and three days for the paint to dry.

Follow directions given on each can and your car is again ready for the road. It will be a dividend-paying investment for you to repaint your car.

	Per Outfit
Pee Gee Outfit —Contains 1 Quart Auto Flake Black, 1 Quart Auto Gloss Black, 1 Pint Auto Top Dressing, 1 2 inch All Chinese Bristle Varnish Brush, 3 Sheets No. 00 Sand Paper, 3 Sheets No. 1 Sand Paper, Full Directions on Each Can, Whole Outfit Packed in Neat Display Box.	\$4.00

CEDAR OIL POLISH

O-SO-EZY



There is a nation wide demand for O-So-Ezy Cedar Oil Polish.

Owners of motor cars who once use O-So-Ezy are never satisfied with any other brand. Regular applications of O-So-Ezy on a cloth dampened with water increase the life of automobile finish many fold. Without polish, the life of even the finest automobile gloss is seldom more than 90 days.

No. 10—1 Pint Cans.....	Each \$0.60
No. 12—1 Quart Cans.....	1.20
No. 14— $\frac{1}{2}$ Gallon Cans.....	1.80
No. 15—1 Gallon Cans.....	3.00

AUTO WAX

JOHNSON'S



Unsurpassed for polishing body, hood and fenders of automobiles, electrics and limousines.

Per Dozen
No. 5—5 Oz. Automobile
Size, One Dozen in a
Display Carton \$4.20

Johnson's Prepared Wax is in paste form. It cleans, polishes and finishes in one operation. It imparts a perfectly hard, dry, glass-like polish which sheds water and does not gather dust. It

preserves and protects the varnish, covers up mars and scratches and prevents checking and cracking. It sheds water like a duck's back.

CARBON REMOVER

JOHNSON'S



A liquid preparation. Very easy to use, simply pour an ounce into each cylinder at night through the petcocks or spark plug openings and in the morning drive off with a perfectly clean engine. The pulverized carbon blows out of the exhaust as your car is operated.

This preparation has met with unqualified success everywhere.

Each
No. 1R—½ Pint Cans, 1 Dozen in a Case.....\$0.50
No. 2R—1 Pint Cans, 1 Dozen in a Case..... .85
No. 3R—1 Quart Cans, 1 Dozen in a Case..... 1.50

AUTOMOBILE CLEANER

JOHNSON'S

Johnson's
Cleaner
Really
Cleans.



It Cleans
Just
Like a
Mirror.

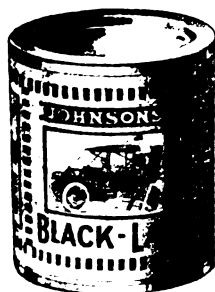
A cleaner that really cleans, entirely removes all stains, discolorations, scum, road oil, tar, grease, etc., from body, hood and fenders.

Contains no grit or acid so cannot scratch or injure the finest finish. Simply cleans and prepares it for a wax finish.

Per Dozen
No. 4C—8 Oz. Size, One Dozen in Attractive Counter
Display Cartons \$4.20

BLACK-LAC

JOHNSON'S



For Pantosote and Mahoir Tops, Leather Cushions of all kinds, Tire Covers, Auto Trunks and for touching up worn, rusty metal parts. Gives a rich black surface just like new. One coat covers. Dries in 15 minutes ready for use. Does not rub off on the hands or clothes. It gives a beautiful lustre.

Each
No. 1B—½ Pint Cans\$0.40
No. 2B—1 Pint Cans65
No. 3B—1 Quart Cans 1.10

MISTOKLEEN



Removes road oil and tar, grease, grime, grit, mud and stains. You simply spray the car's surface with "Mistokleen" and wipe off with "Mistokloth." In place of the dusty, marred surface is the beautiful lustrous finish of a new car.

"Mistokleen" cleans and polishes in one operation and protects the varnish after use. It feeds the finish—makes it flexible—leaves it smooth and lustrous. It can't streak or spot, for the proper amount is determined by the patented sprayer.

Per Outfit
No. 1 Outfit—Consists of One Patented Enameled
Sprayer Ready-Filled with "Mistokleen" and One
"Mistokloth," Put up in an Attractive Sealed
Carton\$1.75
Mistokleen Only—In 1 Gallon Cans.....Per Can, 1.40

MISTOKLOTHS



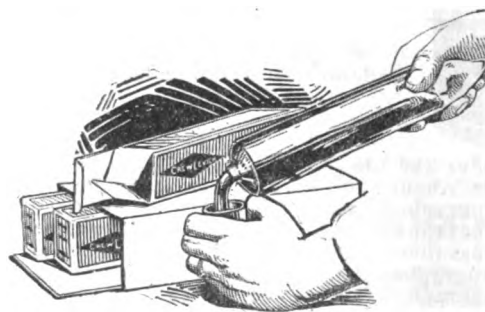
Mistokloth" is far superior to mere cheese cloth and other polishing materials. It is smooth, soft and cannot scratch the surface.

"Mistokloth" is a specially selected material for polishing automobile bodies.

Per Package
No. 11—Large Package, 6 Large Ready-Cut Pieces....\$0.70

GREASE-IN-TUBES

An Outfit Consists of One Tube of Cup Grease, One Tube of Spring Grease and One Tube of Gear Compound.



"Grease-In-Tubes" is the modern way to carry these excellent greases. You simply press the desired amount from a collapsible tube, all of which goes right where you want it; there is no soiling of hands or clothes. The tubes are non-refillable, air and dust-proof, which keeps the grease clean, cool and fresh.

Per Outfit
No. 20 Outfit—Consists of 1 Tube of Cup Grease, 1 Tube
of Spring Grease and 1 Tube of Gear Compound,
Put up in a Carton.....\$1.40

AUTOMOBILE OILS



NORTHLAND

Highest quality, suitable for use in all makes of cars. 1 and 5 gallon cans have spouts and are beautifully lithographed.

Note—Prices in barrel lots are for oil in wooden barrels. See bottom of next page for extras.

NORTHLAND SPECIAL

A highly filtered Pennsylvania oil with very high fire test and with practically no free carbon. Used most successfully on fast running, expensive cars with close fitting bearings. If bearings are not perfectly ground will burn up quickly without residue. Used most successfully on any make of car.

Barrel Lots	Per Gallon, \$0.76
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.30
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.70

NORTHLAND PALE ZERO

Very highly refined oil. Considering refining and lubricating merit there is not a better oil made. Especially adapted for winter use.

Barrel Lots	Per Gallon, \$0.76
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.30
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.70

BARTLES MOBILINE

A very high refined oil. Considering price it is impossible to secure an oil of better lubricating merit.

Can be used in most any make of car with good results.

No. 1—Medium.

Barrel Lots	Per Gallon, \$0.68
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.80
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.20

No. 3—Just a Little Lighter in Consistency than No. 1.

Barrel Lots	Per Gallon, \$0.52
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.10
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 5.00

No. 2—Especially Adapted for Winter Use, There is no Better

Winter Oil Made Considering Price.

Barrel Lots	Per Gallon, \$0.60
Barrel Lots	Per Gallon, \$0.60
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.40
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 5.80

CUP GREASE OR HARD OIL.



NORTHLAND

A very high grade Cup Grease especially adapted to automobiles.

Barrels, About 380 Lbs. Net.....	Per Pound, \$ 0.10
Half Barrels, About 220 Lbs. Net.....	Per Pound, .10 1/2
25 Lb. Lithographed Cans, 1 in a Case...	Per Case, 3.70
10 Lb. Lithographed Cans, 6 in a Case...	Per Case, 8.40
12 Lb. Lithographed Cans, 12 in a Case...	Per Case, 9.20
3 Lb. Lithographed Cans, 24 in a Case...	Per Case, 11.80
1 Lb. Lithographed Cans, 48 in a Case...	Per Case, 9.80

TRANSMISSION GREASE

NORTHLAND

For use on the transmission and differentials. Made of high grade lubricant for auto use.

Barrels, About 350 Lbs. Net.....	Per Pound, \$ 0.10
Half Barrels, About 200 Lbs. Net.....	Per Pound, .10 1/2
25 Lb. Lithographed Cans, 1 in a Case...	Per Case, 4.00
10 Lb. Lithographed Cans, 6 in a Case...	Per Case, 9.00
5 Lb. Lithographed Cans, 12 in a Case...	Per Case, 9.70



NORTHLAND

All high class Pennsylvania oils with exceptional high fire test. Cars that have not tight fitting bearings will secure very good results with this line of oil.

No. 1—Extra Heavy.

Barrel Lots	Per Gallon, \$0.84
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.60
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 7.20

No. 2—Heavy.

Barrel Lots	Per Gallon, \$0.70
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.30
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.70

No. 3—Medium Heavy.

Barrel Lots	Per Gallon, \$0.70
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.90
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 6.40

BARTLES FORD SPECIAL

A highly filtered oil especially adapted for Ford cars. You will save more than its cost in the consumption.

No. 1—Medium.

Barrel Lots	Per Gallon, \$0.48
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 3.80
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 4.80

No. 2—Heavy, Just a Little Heavier than No. 1.

Barrel Lots	Per Gallon, \$0.58
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.30
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 5.50

No. 3—Zero, a Winter Oil Especially Adapted for Ford Cars.

Barrel Lots	Per Gallon, \$0.58
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 4.30
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 5.50

NORTHLAND TRANSMISSION

A heavy Pennsylvania stock oil with a very high fire test. Suitable in the transmission of automobiles where the bearings are tight enough to hold it. It takes the place of transmission grease and is a very much better lubricant.

Barrel Lots	Per Gallon, \$0.72
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.00
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 7.50

MOTORCYCLE OIL

NORTHLAND

There is not a better class of Motorcycle Oil made. The different consistencies to meet the different demands.

Made from absolutely the highest class Pennsylvania stock obtainable.

No. 1—Extra Heavy.

Barrel Lots	Per Gallon, \$1.10
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 7.00
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 8.80

No. 2—Heavy.

Barrel Lots	Per Gallon, \$0.90
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 6.00
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 7.70

No. 3—Medium.

Barrel Lots	Per Gallon, \$0.84
5 Gallon Lithographed Cans, 1 in a Case.....	Per Case, 5.60
1 Gallon Lithographed Cans, 6 in a Case.....	Per Case, 7.20

Note—Price on oil is subject to change without notice, and will be billed at lowest market price.

MACHINE OIL

NOTE—Prices Quoted are in Wooden Barrels.

NORTHLAND AIR COMPRESSOR



The highest grade Pennsylvania oil refined. Will be found to give the best satisfaction.

No. 1 Light—Barrels Per Gallon, \$0.76
No. 2 Heavy—Barrels Per Gallon, .84

NORTHLAND CASTOR MACHINE

A heavy manufactured oil of gelatin base. Preferred by some on account of its adhesive properties.

Used for farm machinery. Should not be used when oil can be held on the bearings.

Heavy—Barrels Per Gallon, \$0.40
Medium—Barrels Per Gallon, .40

NORTHLAND DYNAMO

The highest grade Pennsylvania oil manufactured for dynamo use.

No. 1—Pale Pennsylvania, Barrels Per Gallon, \$0.84
No. 2—Pale Pennsylvania, Barrels Per Gallon, .70
No. 3—Pale Pennsylvania, Barrels Per Gallon, .68

NORTHLAND RED ENGINE

A heavy boiled red oil, suitable for machine and engine lubrication other than in the cylinders.

No. 2—Barrels Per Gallon, \$0.52
No. 3—Barrels Per Gallon, .40
No. 4—Barrels Per Gallon, .36

NORTHLAND PALE ENGINE

Used for the same purpose as the Red Engine Oil. Is highly filtered and contains less carbon.

No. 1—Barrels Per Gallon, \$0.62

NORTHLAND GAS ENGINE

An excellent filtered oil for gas engines, also an excellent engine and machine line. Made in different consistencies so as to meet any demand.

No. 1—Extra Heavy Red, Barrels Per Gallon, \$0.72
No. 3—Heavy Red, Barrels Per Gallon, .60
No. 4—Medium Red, Barrels Per Gallon, .40

NORTHLAND PALE GAS ENGINE

Will give excellent satisfaction in gas engine. Somewhat lighter than the average gas engine oil, but will give less carbon. It is a highly filtered Pennsylvania oil.

No. 2—Pale, Barrels Per Gallon, \$0.68

REAR AXLE LUBRICANT

BARTLES



Barrels Per Pound \$0.12 1/2
Half Barrels18
Kegs, 100 Lbs.15

Per Case
25 Lb. Cans, 1 in Case... \$ 4.90
10 Lb. Cans, 6 in Case... 11.20
5 Lb. Cans, 12 in Case... 12.00

Note—All Prices Subject to Change Without Notice.

NORTHLAND STEAM CYLINDER

All of our Steam Cylinder Oils are made from the highest class Pennsylvania crude. They are made both compounded and uncompounded. In the compounded oil nothing but the highest class acidless animal fat is used. You will be able to judge what oil is best adapted to your purpose by inspecting the following list:

Superheated and High Pressure, in Barrels.

Per Gallon
No. 1—Steam Refined Cylinder, Mineral.....\$1.08
No. 2—Steam Refined Cylinder, Compounded..... 1.08
High and Medium Pressure, in Barrels.

Per Gallon
No. 3—Steam Refined Cylinder, Compounded.....\$0.82
No. 4—Steam Refined Cylinder, Mineral..... .82
No. 5—Highly Filtered, Compounded..... 1.14
No. 6—Highly Filtered, Mineral..... 1.14
No. 7—Filtered, Compounded84
No. 8—Filtered, Mineral84

Low Pressure, in Barrels.

Per Gallon
No. 9—Steam Refined Cylinder, Mineral.....\$0.68
No. 10—Steam Refined Cylinder, Compounded..... .72
No. 11—Filtered Cylinder, Mineral..... .76

NORTHLAND VALVE

Same stock as the Steam Cylinder Oil, but compounded with a larger portion of animal fat.

Per Gallon
No. 1—Steam Refined, Barrels.....\$1.32
No. 2—Highly Filtered, Barrels..... 1.44

HAND SEPARATOR

A white filtered mineral oil made to lubricate fast running machinery. 'Light in body.

Per Gallon
Hand Creamery Separator—Barrels.....\$0.48

POWER SEPARATOR

A pale oil, suitable for power separators.

Per Gallon
Power Creamery Separator—Barrels.....\$0.62

HARVESTER

A very heavy oil made to do the work of castor. Much better than castor in every way and will lubricate at very low temperature. Too heavy for any other purpose.

Per Gallon
No. 1—Heavy, Barrels\$0.58
No. 2—Medium, Barrels52
No. 3—Light, Barrels50

SCREW CUTTING

Per Gallon
No. 1—Pale, Barrels\$0.68
No. 2—Red, Barrels62

BLACK

Per Gallon
Summer—Barrels\$0.28
Winter—Barrels32

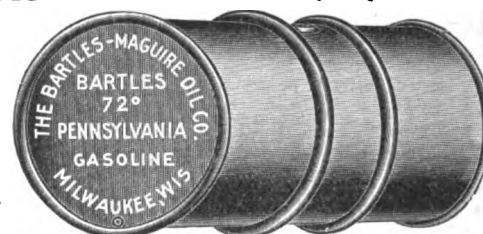
Note—Prices quoted are in Wooden Barrels.

EXTRAS

For Half Barrels, Add Per Gallon.....\$0.04
For 10 Gallon Jacket Cans, Add Per Can..... 1.50
For 5 Gallon Jacket Cans, Add Per Can..... 1.00
For 2 Gallon Jacket Cans, Add Per Can..... .60

GASOLINE AND KEROSENE

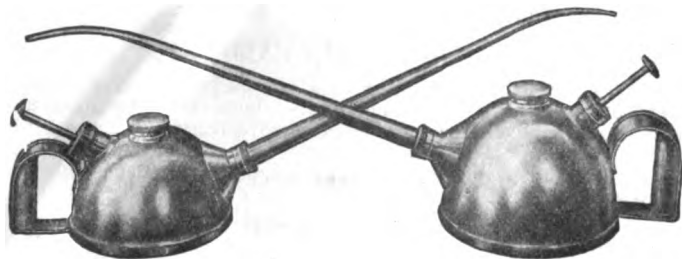
Five
Grades
Gasoline.
Three
Grades
Kerosene.



All Gasoline and Kerosene shipped in steel barrels.

Note—Owing to constant changes in market, price will be quoted on request.

AUTOMOBILE PUMP OILERS

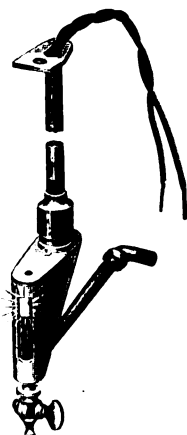


Body Drawn Seamless in One Piece from 20 Gauge Cold Rolled Steel, Heavily Copper Plated and Lacquered.

Nos.	802	804
Capacity, Pints	$\frac{1}{2}$	1
Diameter, Inches	$3\frac{3}{4}$	$4\frac{1}{4}$
Length of Spout, Inches.....	9	9
Per Dozen	\$19.00	20.25

Equipped with a Special Pump and the delivery of oil can be regulated by the distance of the stroke of the Plunger.

ILLUMINATING OIL GAUGES



CRANNER'S FOR FORD CARS

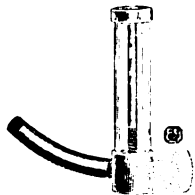
No. 100—Complete with Cord, Bulb, Switch and Pipe Connection...\$4.50

Conveniently ascertains the accurate amount of oil in crank case. You will not have to crawl under the car to get your oil level.

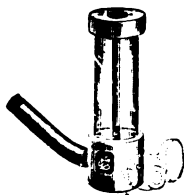
Turn on switch when car is standing on a level. If oil level is $\frac{1}{2}$ inch below top of gauge you know you have the correct amount of oil.

OIL GAUGES

E. G. FOR FORD CARS



No. 500.



No. 503.

Heavy Brass Base and Cap, Imported Heavy Glass Sight, 3 inch Bent Iron Pipe, Threaded on Both Ends.

No. 500—3 $\frac{1}{4}$ inches Long, $\frac{3}{4}$ inch Diameter.....\$0.30
No. 503—3 $\frac{1}{2}$ inches Long, 1 inch Diameter, with Blued Steel Base and Cap in Place of Brass Base and Cap. .48

Indicates the oil level in the crank case. Without it the owner takes chances of burning out the bearings as the result of insufficient lubrication, or of flooding the transmission case and causing carbonization and smoke.

Replaces the lower petcock in the crank case and is attached by means of the threaded pipe furnished. The petcock is threaded into the gauge and acts as a drain.

OIL CUPS

E. G. FOR FORD CARS



This cup is identical to the standard Ford Oil Cup. Accurately turned from brass stock. The snug-fitting revolving sleeve prevents leakage. Made in $\frac{1}{4}$ inch pipe thread. Size $\frac{3}{4}$ inch in diameter, $\frac{1}{2}$ inch long. Weight of 100 packed in a cardboard box, 2 lbs.

No. 5122B—Brass	Per 100
No. 5122N—Nickel	\$ 8.00
Same as above, but fitted with spring which prevents vibration from revolving the sleeve.	10.00
No. 5122BS—Brass	\$ 9.00
No. 5122NS—Nickel	12.00

GREASE CUPS

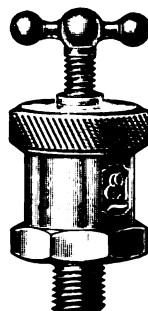
E. G., Polished Brass.

Turned from solid brass stock on special automatic machines to insure accuracy and clean-cut threads.

Fitted with a screw plunger with leather washer to prevent leakage.

Nos.	*200	*201	*202	203
Capacity, Oz....	$\frac{1}{4}$	$\frac{1}{2}$	1	$\frac{1}{4}$
Threads, Inches.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{4}$
Per 100.....	\$20.00	35.00	48.00	20.00

*NOTE—Nos. 200, 201 and 202 are the Proper Sizes for FORD Cars.



NON-RISING STEM

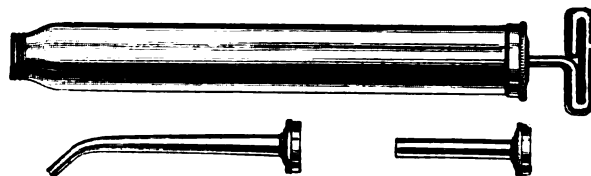
A high grade Grease Cup, made with a non-rising stem, so that the handle will not break off.

Provided with ratchet construction which prevents the shell from working loose, cup shaped leather plunger. Highest grade workmanship and finish.

No. 105N—Capacity $\frac{3}{4}$ Oz., $\frac{1}{8}$ inch I. P. Thread, Polished.....\$0.60

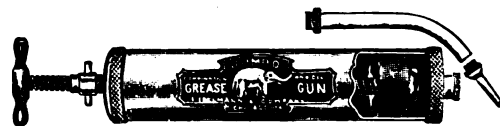
OIL AND GREASE GUNS

WISCETTE COMBINATION



Wiscette—9x1 $\frac{1}{4}$ inch Heavy Steel Cylinder, Satin Nickel Finish, Specially Selected Cork Plunger, Complete with One 5 inch Curved Oil Spout and One 2 inch Straight Grease Spout.....\$7.20

JUMBO COMBINATION

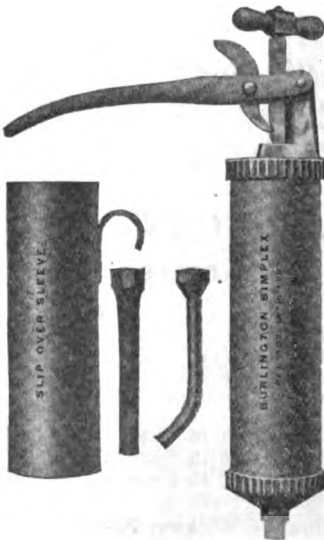


Jumbo—11x2 $\frac{1}{4}$ inch Extra Heavy Sheet Brass Cylinder, Polished, Quickly Changed from Grease to Oil by Turning Small Thumb Nut by Hand, Combination Curved Spout.....\$4.00

This Gun is high grade in every respect. Has large cork plunger and rapid feed for grease, will last as long as the car.

BURLINGTON SIMPLEX

No. 1—Kit Size, 7x2 inch, $\frac{1}{2}$ Lb. Size, Heavy Steel Cylinder, Polished and Nickel Plated, Lever Ratchet Movement, 2 Spouts.....\$2.70



Easy to load—simply remove the lower cylinder cap, insert the gun in the grease and pull up the plunger. No paddles, no tire-some unwindings, no air pockets. Just pull up the plunger and the gun fills.

Easy to operate—just replace the lower cap and pump home the grease.

The tightest places can be reached without the least trouble. Guaranteed to give satisfaction.

FILLING FUNNELS

SCHWYLER'S



Nine-tenths of your carburetor trouble is caused by water and dirt. Most Gasoline and Oil Stove troubles are due to the same causes. Manufacturers of and dealers in gasoline and oil consuming devices demand that gasoline and oil used in same should be clean.

Gasoline or Kerosene Users Know the Troubles from water and impurities in the same. Gasoline and kerosene come from the refineries clear and pure, but in transferring, more or less dirt is accumulated. When stored in large tanks, there is condensation, and the water settles to the bottom, and is drawn off with the oil.

It is a new and scientifically constructed Funnel—five times faster than chamois skin funnels.

Well made, heavily coppered and lacquered to prevent corrosion. In the bottom of the funnel is a fine brass strainer, and above that is a removable ring which is covered with a special filtering fabric. When this special filtering fabric is saturated with gasoline or oil, water or dirt will not pass through it.

Wicks in lamps and stoves clog with dirt and other impurities which get into the oil in handling, causing poor combustion.

Generators, pipes and valves on gasoline stoves and engines get clogged, and the user generally condemns the manufacturer of the device, or the producer of the gasoline, when the trouble can be stopped only by filtering your own oil and gasoline as you use it.

- Per Dozen
- No. 0—Diameter 2 3/4 inches, 3 1/4 inches High, 3/8 inch Outlet, Capacity Per Minute 1 Gallon, for Motor-cycle, Gasoline Lamp, Irons and Small Use\$12.80
- No. 1—Diameter 5 inches, 6 inches High, 3/4 inch Outlet, Capacity Per Minute 5 Gallons, for General Use\$22.00

AUTOMOBILE FUNNELS

GALVANIZED STEEL



- Per Dozen
- No. 51—12 1/4 inch Diameter, Extra Large and Heavy Galvanized, Brass Wire Strainer, with Extra Hoop to Fasten Chamois.....\$24.00



- Per Dozen
- No. 33—9 1/2 inch Diameter, Extra Heavy, Galvanized, Brass Wire Strainer, with Funnel Tube on Side to Permit Use in Corners or Near Back of Seat, with Extra Hoop to Fasten Chamois.....\$20.50

SEAMLESS AUTOMOBILE FUNNELS

ALUMINUM GALVANIZED



Galvanized Steel, Seamless, Extra Heavy, Tube 3 inches Long, 1 1/8 inch Diameter, with Chamois Ring and 100 Mesh Solid Brass Strainer.

- Per Dozen
- No. 603—Diameter 9 inches, Capacity 3 Quarts, Weight Per Dozen 45 Lbs.....\$18.00
- No. 606—Diameter 10 1/2 inches, Capacity 6 Quarts, Weight Per Dozen 63 Lbs.....20.40

PIECED TIN AUTO FUNNELS

WITH HOOP



- Per Dozen
- No. 140—Diameter 9 1/2 inches, Capacity 6 Quarts, IC Tin, with Hoop for Holding Chamois.....\$9.00

COMBINATION MEASURES AND FUNNELS

FOR AUTOMOBILES



U. S. Standard, Heavy Tin, Polished.

This Measure has many advantages over all others. It is a great saver of time, trouble and waste.

Nos.	182	183	184	185	186
Quarts	1/4	1/2	1	2	4
Per Dozen	\$2.30	3.20	4.00	5.70	8.00

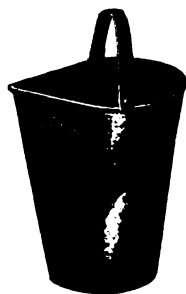
AUTOMOBILE FILLING CANS



- Per Dozen
- No. 250—Capacity 5 Gallons, Galvanized, Painted Red, Fluted Breast, Large Opening on Top and Spout, with Ball and Back Handle.....\$35.00

GASOLINE AND WATER BUCKETS

BOKO JUNIOR COLLAPSIBLE



Ready for Use.



Folded.

Made of Gasoline Proof Fabric, with All Seams Turned, Double Sewed and Tightly Cemented.

Has a specially designed top, forming a pitcher spout, allowing the stream of gasoline or water to be controlled as desired.

When empty it can be folded into a space of less than $\frac{1}{2}$ inch thickness and is small enough to go into the door pocket of any car, or can be slipped under the seat.

Boko Jr.—Capacity 5 Quarts, Weight Each 8 Oz. Per Dozen **\$6.00**

Can also be used for carrying drinking water, and is an extremely handy article for hunting, fishing and camping.

GASOLINE STORAGE SYSTEM

QUALITY WELDED TANK



Tank Made of 12 Gauge Armco Iron, Quality Welded Throughout.

Tank painted with two coats of the best waterproof and acid resisting paint, making a tank practically indestructible.

Complete System Consists of

- 1—No. 12 Gauge Armco Iron Quality Welded Tank.
- 1—No. 1 Heil Co. Brass Pump with Lock.
- 1—1 inch Galvanized Suction Pipe with Double Taped Bushing for Connecting to Tank.
- 1—2 inch Galvanized Fill Pipe with Inner Tube, Strainer, Vented Cap and Brass Lock.

Capacity Tank, Gallons.....	120	210	315	515
Complete, Each	\$70.00	94.00	106.00	157.00

FIRE EXTINGUISHERS

J-M



The J-M Fire Extinguisher is the most efficient weapon yet devised for fighting incipient fires. It is compact, handy, safe, sure in action, effective against any blaze, and gives the operator a choice and freedom of operation, enabling him to attack any blaze from any quarter effectively.

It can be pumped and aimed simultaneously, or by easy pumping enough air pressure is developed to shoot a steady stream, always under your control at the nozzle lever. Can be used with one hand in awkward quarters, where pumping and aiming at the same time are difficult, if not impossible.

Sealed for safety. The unbroken seal at the nozzle indicates readiness for instant use—shows the contents are intact.

Inspected, Tested and Labeled by the Underwriters' Laboratories, Inc., and listed as an Approved Fire Appliance by the National Board of Fire Underwriters.

Length $14\frac{1}{2}$ inches, Diameter 3 inches, Filled Ready for Use.

No. 20B—Brass Finish, Complete with Black Enameled Bracket for Attaching to Wall or Automobile.....	Each \$8.00
No. 20N—Nickel Plated, Complete with Black Enameled Bracket for Attaching to Wall or Automobile.....	8.00

J-M EXTINGUISHING FLUID

No. 20F—J-M Extinguishing Fluid, Put up in Sealed 1 Quart Cans, Never Deteriorates, the Only Liquid Recommended for Use and Guaranteed for Efficiency in the J-M Extinguisher	Per Can \$1.00
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FIRE EXTINGUISHERS



A FIRE EXTINGUISHER THAT PUTS
OUT ANY KIND OF FIRE IN
ITS INCIPIENT STATE.

APPROVED BY THE U. S. STEAMBOAT
INSPECTION SERVICE AND BY
FIRE INSURANCE
EXCHANGES.

For Motor Cars, Garages, Motor Boats, Barns, Stores, Factories, The Home and Everywhere.

Saves 15 per cent insurance by equipping your auto with Pyrene.

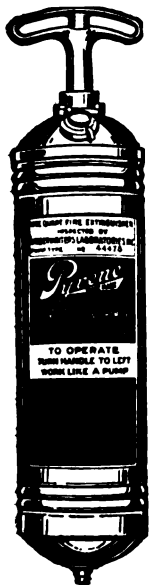
The sight of burning automobiles along the highway is still common enough in spite of improvements in their construction.

Few people who see an occasional motor car consumed by flames realize the great number of cars that are burned annually in the United States, and the amount of money wasted, the inconvenience caused and, worst of all, the number of lives lost as a result.

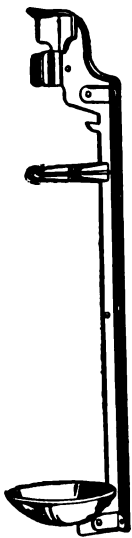
In numberless cases, automobiles that meet with accidents catch fire immediately, and the story of victims buried beneath these cars and burned to death without a chance of being rescued is all too familiar.

None of these automobile fires and their resulting deaths are necessary. The Pyrene Fire Extinguisher can be relied upon to kill the most stubborn automobile blaze, no matter where it is, quickly and without damage to engine or car. A few well-directed shots from a Pyrene Extinguisher sent at the flames instantly smother the fire.

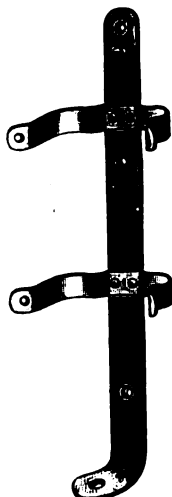
EASY TO OPERATE



No. 10.



No. 5 Auto Bracket.



No. 6 Wall Bracket.



Metal Box.

Costs Little or Nothing.

In spite of the fact that Pyrene is invincible in fighting automobile fires, it actually costs the motorist little or nothing. All insurance companies in the United States allow a 15% reduction in automobile insurance rates for cars equipped with Pyrene Extinguishers.

The Pyrene Extinguisher is easily operated and may be refilled as readily as a kerosene lamp. It is handsomely finished and may be carried in our special holder on the dashboard or any convenient point of your car.

Motorists can purchase Pyrene from all automobile supply dealers, and at hardware stores. Write to us for name of nearest dealer.

Pyrene will not hurt your motor, woodwork or clothes.

Don't use sand on an automobile fire. It spoils bearings and engine.

Remember that water spreads gasoline fires.

Note—There is within the container a manually operated double acting pump which throws a continuous stream. It is absolutely reliable and dependable, always ready for instant use. There is no time lost at the start of a fire in pumping up air, opening different valves, etc.

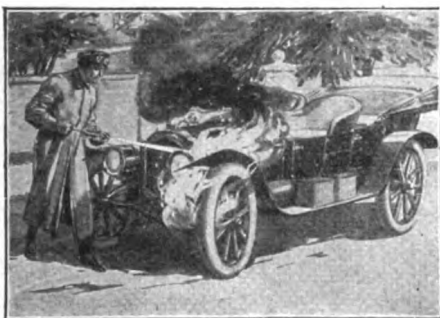
PYRENE LIQUID



Pyrene Liquid is a combination of purely organic materials, having an aromatic odor and a high specific gravity.

Pyrene contains neither acid, alkali, salts nor moisture, and will not stain or injure anything with which it may come in contact.

Pyrene Liquid does not lose its strength or deteriorate with age and will not freeze at a temperature of 60 degrees F. below zero.



PYRENE FOR AUTOMOBILES

Light, and takes up little room in car—can be operated by any one.

PYRENE FOR HOMES

Protect your home and property—can be operated by a child—so simple.



PYRENE EXTINGUISHERS

Length 14 inches, Diameter 3 inches, Weight Filled Ready for Use 6 Lbs. Each

No. 10B—Brass Lacquered, with Enameled Auto Bracket \$8.00

No. 10N—Nickel Plated, with Enameled Auto Bracket 9.00

PYRENE BRACKETS

No. 5E—For Auto, Enameled Black \$0.50

No. 5B—For Auto, Brass Finish75

No. 5N—For Auto, Nickel Plated 1.00

No. 6E—For Wall, Enameled Black25

No. 6B—For Wall, Brass Finish50

No. 6N—For Wall, Nickel Plated75

PYRENE METAL BOXES

Finished in Red Enamel with Breakable Glass Front, Printed Direction on Glass. Each

No. 1M—For 1 Extinguisher \$1.00

No. 2M—For 2 Extinguishers 1.50

No. 3M—For 3 Extinguishers 2.00

EXTRA GLASS FOR METAL BOXES

No. 1G—For No. 1M Box \$0.10

No. 2G—For No. 2M Box15

No. 3G—For No. 3M Box20

PYRENE LIQUID

Per Can

In 1 Quart Cans, 20 Cans in a Case \$1.50

In 1 Gallon Cans, 4 Cans in a Case 5.00

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ASSORTED HEXAGON CAP SCREWS



- No. 5754 Assortment—U. S. Standard, 12 Assorted Hexagon Head Cap Screws, Two Each $\frac{1}{4}$ inch Bolt, 1 and $1\frac{1}{4}$ inches Long, Two Each $\frac{3}{8}$ inch Bolt, 1 and $1\frac{1}{4}$ inches Long, Two Each $\frac{1}{2}$ inch Bolt, $1\frac{1}{4}$ and $1\frac{1}{2}$ inches Long, Put Up in a Cardboard Box with Metal Screw Cover and Metal Bottom.....\$0.40
- No. 5755 Assortment—A. L. A. M. Standard, Otherwise Same as No. 5754 Assortment..... .50

ASSORTED TAPER PINS



- No. 5758 Assortment—40 Assorted High Grade Turned Taper Pins, Six Sizes from 0x1 to 5x2 $\frac{3}{4}$ inches, Put Up in a Cardboard Box with Metal Screw Cover and Metal Bottom\$0.60

ASSORTED SPRING COTTERS



HAMMER LOCK

- No. 5750 Assortment—120 Spring Cotter Pins, Assorted Sizes, All the Necessary Sizes for Automobile Work, Put up in a Cardboard Box with Metal Screw Cover and Metal Bottom.....\$0.20

ASSORTED LOCK WASHERS



- No. 5751 Assortment—A. O. or National Pattern; the Style and Also the Identical Washers Used on Most High Grade Cars, Ten Each $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ inch, Three Each $\frac{7}{8}$, $\frac{1}{2}$ and $\frac{3}{4}$ inch, Put up in a Cardboard Box with Metal Screw Cover and Metal Bottom.....\$0.20

NEVER SLIP LOCK WASHERS



The advantages of the Never Slip Lock Washers over all other types are—that the corrugated surface on both sides prevents slipping both of the nut and the washer, and the surface it comes in contact with—a condition which cannot be obtained where both sides of the washer are smooth.

S. A. E.—Light.

For Bolts, inches..	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Width, Inches....	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
Thickness, Inches..	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
Per 100	\$0.18	.22	.26	.42	.46	.66

100 Straight Sizes in a Box.

ASSORTED NUTS

HEXAGON



- No. 5752 Assortment—U. S. Standard, 12 Assorted Semi-Finished Hexagon Nuts, Standard Threads, $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ inch, Put Up in a Cardboard Box with Metal Screw Cover and Metal Bottom.....\$0.36
- No. 5753 Assortment—A. L. A. M. Standard, Otherwise Same as No. 5752 Assortment..... .40

CASTELLATED



- No. 5756 Assortment—U. S. Standard, 15 Assorted Hexagon Castellated Nuts, Four Each $\frac{1}{8}$ and $\frac{3}{8}$ inch, Three $\frac{7}{8}$ inch, Two Each $\frac{1}{2}$ and $\frac{5}{8}$ inch, Put Up in a Cardboard Box with Metal Screw Cover and Metal Bottom\$0.40
- No. 5757 Assortment—A. L. A. M. Standard, Otherwise Same as No. 5756 Assortment..... .50

AUTOMOBILE SPRINGS



Furnished in a variety of shapes and sizes for mufflers, cut-outs, pedals, etc. Sizes below are carried in stock. Springs are thoroughly tempered and well japanned.

Nos.	1	2	3	4	5
Length Over All, Inches.	$1\frac{1}{4}$	$6\frac{1}{4}$	$6\frac{1}{4}$	$6\frac{1}{4}$	$7\frac{3}{4}$
Diameter, Inches	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{7}{8}$
Per 100	\$2.40	4.80	4.80	4.80	5.75
Nos.	6	7	8	9	10
Length Over All, Inches.	.6	$9\frac{1}{4}$	$3\frac{3}{4}$	$4\frac{3}{4}$	$5\frac{3}{4}$
Diameter, Inches	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{3}{4}$
Per 100	\$4.80	8.00	5.35	4.80	8.00

ASSORTED AUTOMOBILE SPRINGS

An Assortment of Compression and Extension Springs of various sizes.

Price, Packed 24 Springs to the Box.....\$0.50

VALVE SPRINGS



High grade Oil Tempered Springs, guaranteed to retain their tension indefinitely.

For Model T Ford Cars.....	\$5.00
To replace inlet and exhaust springs.	
For Overland Cars.....	7.00

Suitable for the intake exhaust valves of all Overland Motors, for Models 79, 69 and 59.

AUTOMOBILE SPRINGS

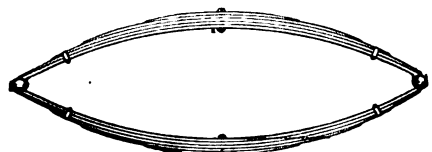


Style "A"

Regular half spring with center bolt or center nib.



Style "B"



Style "D"

Quality—Listed springs are made of the best carbon auto spring steel and always equal to and often better than original, especially when we can remedy some defect in the original design.

ABBOTT DETROIT

Stk.No.	Model	Location	Style	Price
150.44-50	1912-15	F.	E.	7.00
151.44-50	1912	L.H.R.	E.	9.50
152.34-40	13 K-14	F.	A only	7.25
153.34-40	1913	L.H.R.	C only	9.00
154.44-50	1913	F.	A only	7.50
155.44-50	1913	L.H.R.	C only	9.50
156.44-50	1914-15	F.	A only	8.25
157.44-50	1914	L.H.R.	C only	11.50
SA1.30	1910-11	F.	E.	6.50
SA2.30	1912	F.	E.	6.50
SA3.30	1912	L.H.R.	C.	7.75
SA5.50-60	1914	F.	A only	8.00
SA7.8-80	1916	L.H.R.	C only	11.00
SA159.44-50	1912	U.Q.R.	C.	4.00
SA160.44-50	1913	U.Q.R.	C.	4.00
SA161.6-44		F.	E.	6.50
SA162.6-44		R.	A only	11.00

ALLEN

SA40.30		F.	E.	4.50
SA41.40		F.	E.	6.00
SA42.4-40-5	1914	F.	E.	6.25
SA43.4-40-5	1914	L.H.R.	E.	11.50
SA44.4-40-5	1914	U.Q.R.	C.	4.25
SA45.33-1915		F.	E.	5.50
SA46.33-1915		L.H.R.	E.	7.00
SA47.34-35-1915		F.	E.	5.50
SA48.34-35-1915		L.H.R.	E.	8.25
SA49.34-35-1915		U.Q.R.	C.	2.50
SA50.37-1916		F.	E.	6.00
SA51.37-1916		R.	A.	13.50

APPERSON

SA84.40		F.	E.	6.00
SA86.4-45-12-13-14		F.	E.	6.75
SA89.4-40-1915		F.	E.	5.00
SA166.6-60-1915		F.	E.	7.25
SA167.6-60-1915		L.H.R.	C.	12.00
SA168.6-48 8-58-16		F.	E.	5.50
SA169.6-48 8-58-16		L.H.R.	C.	10.50

BRISCOE

1725..1915		F.	E.	4.00
1726..1915		R.	A only	6.50
1727..1916-4-38		F.	E.	4.25
1728..1916-4-38		R.	Cant.	11.00
1729..24-1917		F.	D.	5.25
1730..24-1917		R.	D.	6.75

BUICK

200..10-24-25-32-		F.	E.	4.50
33-34-35-36		F.	E.	4.50
203..10-32-34-36		L.H.R.	E.	4.50
204..10-32-34-36		U.H.R.	B.	4.50
218..24-25		L.H.R.	E.	6.75
236..24-25		U.Q.R.	C.	3.50
202..26-27		F.	E.	4.50
205..26-27-33-35		L.H.R.	E.	4.50
206..26-27-33-35		U.H.R.	B.	4.50
207..16-17		F.	E.	6.75
209..16-1909		R.	D only	12.50
210..16-1910		L.H.R.	E.	7.00
211..16-1910		U.H.R.	B.	7.50
212..17-1910		L.H.R.	E.	7.00
213..17-1910		U.H.R.	B.	7.50
214..19-21		F.	E.	6.00
215..19		L.H.R.	E.	6.75
216..19		U.H.R.	B.	7.25
217..21		L.H.R.	E.	8.00
235..21		U.Q.R.	C.	4.75
219..28-29		F.	E.	6.00
220..28-29		L.H.R.	E.	6.75
221..30-31		F.	E.	6.00
222..30-31		L.H.R.	E.	6.75
237..28-29-30-31		U.Q.R.	C.	4.00
208..38-39-43		F.	E.	6.75

TITANIC—Style "E"

Style "A." whenever so ordered, will be supplied in place of Style "E."

BUICK—Continued.

Stk.No.	Model	Location	Style	Price
223..38		L.H.R.	E.	8.75
238..38		U.Q.R.	C.	4.50
224..39-43		L.H.R.	E.	10.00
239..39-43		U.Q.R.	C.	5.25
225..40		F.	E.	6.50
226..40		L.H.R.	E.	7.50
240..40		U.Q.R.	C.	4.75
227..B24-B25-1914		F.	E.	5.75
228..B24-1914		L.H.R.	E.	6.75
241..B24-1914		U.Q.R.	C.	4.00
229..B25-1914		L.H.R.	E.	7.50
242..B25-1914		U.Q.R.	C.	4.25
230..B36-B37-1914		F.	E.	6.25
231..B36-1914		L.H.R.	E.	8.00
243..B36-1914		U.Q.R.	C.	4.50
242..B37-1914		L.H.R.	E.	9.50
244..B37-1914		U.Q.R.	C.	4.75
233..B55-1914		F.	E.	8.50
234..B55-1914		L.H.R.	E.	17.50
245..B55-1914		U.Q.R.	C.	9.00
227..C24-C25-1915		F.	E.	5.75
247..C24-1915		L.H.R.	E.	7.00
248..C24-1915		U.Q.R.	C.	4.00
249..C25-1915		L.H.R.	E.	8.00
250..C25-1915		U.Q.R.	C.	4.25
230..C36-C37-1915		F.	E.	6.25
252..C36-1915		L.H.R.	E.	8.00
253..C36-1915		U.Q.R.	C.	4.50
254..C37-1915		L.H.R.	E.	9.50
255..C37-1915		U.Q.R.	C.	4.75
256..C55-D55-15-16		F.	E.	8.75
257..C55-D55-15-16		R.	Cant.	21.00
258..D44-D46-1916		F.	E.	7.75
259..D44-D46-1916		R.	Cant.	15.00
260..D45-D47-1916		F.	E.	7.25
261..D45-D47-1916		R.	Cant.	15.00
262..D54-1916		F.	E.	12.50
263..D54-1916		R.	Cant.	17.50
266..D35-1917		F.	E.	5.25
267..D35-1917		R.	E.	8.50
SB33.F-07-08-09-10		L.H.F.	A.	4.50
SB34.F-07-08-09-10		U.H.F.	Spl.	2.50
SB35.F-1906-07		R.	A.	6.25
SB36.1908		F.	D.	14.25
SB37.5-1908		F.	E.	6.75
SB38.D		F.	E.	7.00
SB39.D		R.	E.	10.50
SB40.S		F.	E.	6.50
SB41.S		R.	E.	9.50

BUICK TRUCK

SB42..2A-3A-4A-5A	L.H.F.	A.	7.00
SB43..2A-3A-4A-5A	U.H.F.	Spl.	4.75
SB44..2A-3A-4A-5A	R.	A.	9.75
264..C3&4-1914-15	F.	E.	7.00
SB45..C3&4-1914-15	R.	D.	13.80
265..D4-1916	F.	E.	7.00
SB46..D4-1916	R.	D.	16.50

CADILLAC

300..Sgl. Cyl.		F.	A only	5.50
301..Sgl. Cyl.		R.	A only	4.50
302..30-1909		F.	E.	6.75
303..30-1910 Right		F.	E.	6.75
304..30-1910 Left		F.	E.	6.75
305..30-1911 Right		F.	E.	6.75
306..30-1911 Left		F.	E.	6.75
307..30-1910-11 L.R.		F.	E.	8.00
308..30-1910-11 R.R.		F.	E.	8.00
312..30-1909-10-11 C.		F.	A only	7.25
315..30-1912-13 R.		F.	E.	8.75
323..30-1912-13 Left		F.	E.	8.00
316..30-1912		R.	A only	10.00
317..30-1912		C.	A only	9.00
318..30-1913		R.	A only	10.50
319..30-1913		C.	A only	9.00
315..30-1914		F.	E.	8.75
321..30-1914		R.	A only	13.75



Style "C"

Titanics can be easily adapted to practically any axle construction and quickly mounted without any extra expense. Therefore order Titanics.

CADILLAC—Continued

Stk.No.	Model	Location	Style	Price
322..30-1914		C.	A only	10.50
324..51-53-1915-16		F.	E.	10.50
325..51-53-1915-16		R.	2 Pas. A only	11.50
326..51-53-1915-16		R.	5 Pas. A only	13.50
327..51-53-1915-16		R.	7 Pas. A only	16.25
328..51-53-1915-16		C.	2 Pas. A only	6.25
329..51-53-1915-16		C.	5 Pas. A only	8.25
330..51-53-1915-16		C.	7 Pas. A only	9.75
331..55-1917		F.	E.	10.50
334..55-1917		R.	7 Pas. A only	16.75
337..55-1917		C.	7 Pas. A only	9.00
SC1.G		F.	E.	5.75
SC2.G		L.H.R.	B.	5.00
SC3.G		U.H.R.	B.	5.50

CARTERCAR

1800..H		F.	E.	5.00
1801..H		R.	E.	6.00
1802..R		F.	E.	6.00
1803..R		L.H.R.	E.	8.00
1812..R		U.Q.R.	C.	3.50
1804..S		F.	E.	7.00
1805..S		L.H.R.	E.	10.50
1810..S		U.Q.R.	C.	4.50
1806..L		F.	E.	7.75
1807..L		R.	E.	10.50
1808..7		F.	E.	6.75
1809..7		L.H.R.	E.	8.50
1811..7		U.Q.R.	C.	4.00

CASE

SC13..M40-1912 R.	F.	E.	9.25
SC29..R-1915	F.	E.	7.25
SC136.4-40-1916	F.	E.	8.50

CHALMERS

500..17-19-30-36		F.	E.	6.50
502..30		L.H.R.	E.	8.00
510..30		U.Q.R.	C.	4.50
503..17-19-36		L.H.R.	E.	8.75
511..17-19-36		U.Q.R.	C.	5.50
504..40		F.	E.	8.00
505..40		L.H.R.	E.	12.00
506..18-1913		F.	E.	8.50
507..18-1913		L.H.R.	E.	13.50
512..18-1913		U.Q.R.	C.	5.25
508..24-29-14-15-16		F.	E.	8.50
509..24-29-14-15-16		L.H.R.	C only	12.75
513..24-29-14-15-16		U.Q.R.	C.	7.50
514..26A-26B-14-15		F.	E.	6.50
515..26A-1914		L.H.R.	C only	9.25
516..26A-1914		U.Q.R.	C.	5.50
517..26B-1915		L.H.R.	C only	8.75
518..26B-1915		U.Q.R.	C.	5.50
520..32A-32B-15-16		F.	E.	6.50
521..32A-1915		R.	Cant.	16.50
522..32B-1916		R.	A only	11.75
523..35-1916		F.	E.	6.00
524..35-1916		R.	A.	11.00
525..35B-1917		F.	E.	6.00
526..35B-1917		R.	A only	10.00

CHANDLER

1650..6-1914-15-16		F.	E.	7.00
1651..6-1914-15-16		L.H.R.	E.	10.00
1652..6-1914-15-16		U.Q.R.	C.	4.00
1653..17-1917		F.	E.	9.25
1654..17-1917		R.	E.	13.50

CHEVROLET

825-H2-H4		F.	E.	5.25
826-H2-1913-14		L.H.R.	E.	6.75
827-H2-1913-14		U.Q.R.	C.	3.00
828..H4-1913-14		L.H.R.	E.	7.50

AUTOMOBILE SPRINGS

CHEVROLET—Continued

Stk.No.	Model	Location	Style	Price
829..	H4—1913-14	U.Q.R.	C.....	3.75
830..	H2—1915-16	U.Q.R.	C.....	4.25
831..	H4—1915-16	U.Q.R.	C.....	5.00
832..	490—1916	F.....	¼ Ell.	3.00
834..	490—1917	F.....	¼ Ell.	5.25
833..	490—1916-17	R.....	Cant.	7.00
SC45..	6—1914 2 ¼ in.	F.....	E.....	8.00
SC46..	6—1914 2 ¼ in.	R.....	E.....	11.00
SC47..	6—1914 2 ¼ in.	C.....	A.....	8.50
SC48..	L—1915 2 in.	F.....	E.....	6.00
SC49..	L—1915 2 in.	C.....	A.....	6.50

COLE

1200..30—1911-12-13	F	E	7.00
1201..40—1911-12-13	F	E	7.25
1202..6—1913	F	E	8.00
1203..4—1914	F	E	7.00
1204..4—1914	L.H.R.	E	11.25
1205..6—1914	F	E	7.50
1206..6—1914	L.H.R.	E	13.00
SC68..30—1910	F	E	7.00
SC131..8-50—1915-16	F	E	8.50
SC134..8-60—1916-17	F	E	9.25

CROW ELKHART

SC114..Jr. 1915	F	E	5.00
SC115..23-25-30—16-17	F	E	4.75
SC116..23-25-30—16-17	L.H.R.	C only	5.75
SC117..23-25-30—16-17	U.Q.R.	C	4.25

CUNNINGHAM

SC121..1915-16	F	Right E	9.50
SC122..1915-16	F	Left E	8.50
SC123..1915-16	R	E	12.50

DETROITER

1300..A-B-C-D	F	E	5.00
1301..A-B	R	E	5.00
1302..A-B	C	A	5.25
1303..C-D	R	E	5.00
1304..C-D	C	A	5.25
SD64..6-45	F	E	6.50
SD65..6-45	R	A	12.50

DODGE

1150..1915-16	F	E	5.00
1151..1915-16	L.H.R.	E	7.50
1152..1915-16	U.Q.R.	C	3.00

E. M. F.

800..1909	F	E	6.00
801..1910-11	F	E	6.00
802..1912	F	E	6.00
803..1909	L.H.R.	E	6.00
804..1909	U.H.R.	B	6.50
805..1910-11	L.H.R.	E	6.00
806..1910-11	L.H.R.	B	6.50
807..1912	L.H.R.	E	6.75
808..1912	U.H.R.	B	7.00

ELGIN

SE26..6—1916	F	E	5.50
SE27..6—1916	R	Cant.	12.00

EMPIRE

2025..31-40 up to '15	F	E	5.00
2026..31-40 up to '15	L.H.R.	E	8.00
2027..31-40 up to '15	U.Q.R.	C	3.50
2028..33—1916	F	E	5.50
2029..4-45—1916	F	E	6.00
2030..4-45—1916	R	A	12.50
2031..6-60—1916	F	E	5.50
2032..6-60—1916	L.H.R.	C	12.50
2033..6-60—1916	U.Q.R.	C	6.00

EVERITT

2400..30—1911	F	E	6.25
805..30—1911	L.H.R.	E	6.00
806..30—1911	U.H.R.	B	6.50
2406..36	F	E	6.75
2407..36	L.H.R.	A	6.50
2408..36	U.H.R.	Spec.	7.00
2403..6-48	F	E	7.25
2404..6-48	L.H.R.	A	7.25
2405..6-48	U.H.R.	Spec.	7.25

FLANDERS

1700..20	F	E	5.00
1701..20	L.H.R.	E	5.25
1702..20	U.H.R.	B	6.00
SF53..20	R	French	10.00

FORD
Not Guaranteed.

100..T	F	A only	3.50
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FORD
Guaranteed.

Stk.No.	Model	Location	Style	Price
102..	T	F	E.....	5.50
105..	T-Std. Tread...	R	Spec...	12.00
106..	T-So. Tread ...	R	Spec...	12.50

GRANT

SG25..M—1915	F	D	5.50
SG26..M—1915	R	A	7.00
2450..T6—1915	F	E	4.25
2451..T6—1915	R	Cant.	8.75

HALLADAY STREATOR

S2500..G—1910	F	E	4.75
S2503..J—1910	F	E	5.00
S2506..G—1911	F	E	4.75
S2509..J—1911	F	E	5.75
S2512..D—1911	F	E	8.50
S2515..30—1912	F	E	5.75

HUDSON

600..20	F	E	5.00
601..20	L.H.R.	E	7.50
614..20	U.Q.R.	C	3.25
602..33—1911	F	E	6.50
605..33—1911	L.H.R.	E	10.00
618..33—1911	U.Q.R.	C	4.00
603..33—1912	F	E	6.50
606..33—1912	L.H.R.	E	11.00
619..33—1912	U.Q.R.	C	3.75
604..37—1913	F	E	6.50
607..37—1913	L.H.R.	E	10.00
620..37—1913	U.Q.R.	C	5.75
608..54—1913	F	E	7.25
609..54—1913	L.H.R.	E	12.50
615..54—1913	U.Q.R.	C	5.25
610..6-40—1914-15	F	E	8.25
611..6-40—1914-15	L.H.R.	C only	12.50
616..6-40—1914-15	U.Q.R.	C	3.75
612..6-54—1914	F	E	10.00
613..6-54—1914	L.H.R.	C only	15.00
617..6-54—1914	U.Q.R.	C	5.00
622..6-40—1915 Road	L.H.R.	C only	9.00
623..6-40—1915 Road	U.Q.R.	C	3.50
626..6-40—1916	F	E	9.50
627..6-40—1916	L.H.R.	C	14.00
628..6-40—1916	U.Q.R.	C	6.00
629..Super Six—1916	F	E	10.50
630..Super Six—1916	R	A only	14.25

HUPMOBILE

700..20 All Models	F	E	4.00
701..20 Roadster Std.	Tread	R	A only 6.00
702..20 Touring Std.	Tread	R	A only 7.00
703..20 Roadster So.	Tread	R	A only 6.50
704..20 Touring So.	Tread	R	A only 7.00
705..32—1912-7 plate	F	E	5.75
706..32—1913-7 plate	F	E	5.75
707..32—1914-7 plate	F	E	5.75
708..32 Std. Tread	1912-1913	R	A only 9.00
709..32 So. Tread	1912-1913	R	A only 12.00
710..32 Std. Tread	1914	R	A only 11.00
711..32 So. Tread	1914	R	A only 12.50
712..K-1915 N-1916	F	E	5.50
713..K-1915 N-1916	R	A	10.00
714..20 Auxiliary	R	Spec.	2.00
715..32 Auxiliary	R	Spec.	2.00

IMPERIAL

S11..43-44—1911	F	A	6.75
S12..32—1912	F	A	8.25
S18..33—1912	F	E	7.00
S13..34—1912	F	A	7.00
S14..34—1912	L.H.R.	C	12.00
S15..44—1912	F	A	6.50
S16..44—1913	F	A	7.00
S17..32—1913	F	E	8.00
S19..33—1913	L.H.R.	E	9.00
S110..33—1913	U.Q.R.	C	4.50
S111..32—1914	F	A	7.75
S112..47—1914	F	E	7.00
S113..54—1914	F	A	9.75
S114..54—1914	L.H.R.	C	12.50
S115..64-66—1916	F	E	6.00
S116..64-66—1916	L.H.R.	C	8.25

INTERSTATE

S125..1915	F	A	5.00
S126..1915	L.H.R.	C	7.50
S127..1915	U.Q.R.	C	3.00
S1133..T.T.D.T. R4—17	F	E	5.75
S1134..T.T.D.T. R4—17	L.H.R.	C	7.50
S1135..T.T.D.T. R4—17	U.Q.R.	C	3.00

JEFFERY

Stk.No.	Model	Location	Style	Price
SJ7..4—1914-15	F	E	6.25	
SJ8..4—1914-15	L.H.R.	C	11.00	
SJ9..4—1914-15	U.Q.R.	C	6.00	
SJ10..6-48—1915	F	E	8.75	
SJ11..6-48—1915	L.H.R.	E	18.00	
SJ12..6-48—1915	U.Q.R.	C	8.75	
SJ22..6-61—1916	F	E	6.75	
SJ23..4-62—1917	F	E	6.75	
SJ24..4-62—1917	L.H.R.	E	10.50	
SJ25..4-62—1917	U.Q.R.	C	5.50	
SJ26..6-71—1917	F	E	8.25	
SJ27..6-71—1917	L.H.R.	E	12.50	
SJ28..6-71—1917	U.Q.R.	C	5.50	

KING

SK1..36—1912	F	E	5.25
SK2..36—1912	R	Cant.	14.00
SK3..B—1913	F	E	6.00
SK4..B—1914	F	E	7.50
SK5..D—1915	F	E	7.50
SK18..D—1916	F	E	7.25
SK19..E—1916	F	E	7.25

KISSEL

SK21..	L.D.	9	.....	F	.....	A	.....	5.75
SK22..	L.D.	9	.....	L.H.R.	.....	C	.....	7.50
SK23..	L.D.	9	.....	U.Q.R.	.....	C	.....	5.50
SK24..	D-F	10	Baby	Tonneau	.....	F	.....	A..... 6.50
SK25..	D-F	10	Baby	Tonneau	.....	L.H.R.	.....	C..... 9.00
SK26..	D-F	10	Baby	Tonneau	.....	U.Q.R.	.....	C..... 3.75
SK27..	D-10	Touring		F	.....	A	.....	6.50
SK28..	D-10	Touring		L.H.R.	.....	C	.....	9.00
SK29..	D-10	Touring		U.Q.R.	.....	C	.....	4.75
SK30..	F-10	Touring		F	.....	A	.....	6.50
SK31..	F-10	Touring		L.H.R.	.....	C	.....	10.25
SK32..	F-10	Touring		U.Q.R.	.....	C	.....	4.25
SK33..	G-10	Baby T.		F	.....	A	.....	7.00
SK34..	G-10	Baby T.		L.H.R.	.....	C	.....	11.25
SK35..	G-10	Baby T.		U.Q.R.	.....	C	.....	3.50
SK36..	G-10	Touring		F	.....	A	.....	7.50
SK37..	G-10	Touring		L.H.R.	.....	C	.....	14.25
SK38..	G-10	Touring		U.Q.R.	.....	C	.....	3.50
SK39..	L.D.	10	Baby	Tonneau	.....	F	.....	A..... 5.00
SK40..	L.D.	10	Baby	Tonneau	.....	L.H.R.	.....	C..... 7.75
SK41..	L.D.	10	Baby	Tonneau	.....	U.Q.R.	.....	C..... 3.50
SK42..	L.D.	10	Tour.	F	.....	A	.....	5.50
SK43..	L.D.	10	Tour.	L.H.R.	.....	C	.....	8.50
SK44..	L.D.	10	Tour.	U.Q.R.	.....	C	.....	4.25
SK45..	D-11	Baby T.		F	.....	A	.....	6.25
SK46..	D-11	Baby T.		L.H.R.	.....	C	.....	9.00
SK47..	D-11	Baby T.		U.Q.R.	.....	C	.....	3.50
SK48..	D-11	Touring		F	.....	A	.....	6.25
SK49..	D-11	Touring		L.H.R.	.....	C	.....	10.50
SK50..	D-11	Touring		U.Q.R.	.....	C	.....	3.50
SK51..	L.D.	11	Baby	Tonneau	.....	F	.....	A..... 5.00
SK52..	L.D.	11	Baby	Tonneau	.....	L.H.R.	.....	C..... 7.75
SK53..	L.D.	11	Baby	Tonneau	.....	U.Q.R.	.....	C..... 3.50
SK54..	L.D.	11	Tour.	F	.....	A	.....	5.00
SK55..	L.D.	11	Tour.	L.H.R.	.....	C	.....	8.00
SK56..	L.D.	11	Tour.	U.Q.R.	.....	C	.....	3.50
SK57..	L.D.H.	1912		F	.....	A	.....	6.00
SK58..	L.D.H.	1912		L.H.R.	.....	C	.....	9.00
SK59..	L.D.H.	1912		U.Q.R.	.....	C	.....	3.50
SK60..	H-13			F	.....	A	.....	6.00
SK61..	H-13			L.H.R.	.....	C	.....	11.00
SK62..	H-13			U.Q.R.	.....	C	.....	4.50
SK63..	L.D.	13		F	.....	A	.....	5.75
SK64..	L.D.	13		L.H.R.	.....	C	.....	9.00
SK65..	L.D.	13		U.Q.R.	.....	C	.....	3.50
SK66..	H-14			F	.....	A	.....	6.25
SK67..	H-14			L.H.R.	.....	C	.....	11.25
SK68..	H-14			U.Q.R.	.....	C	.....	5.00
SK69..	6-48	—14-15		F	.....	A	.....	9.25
SK70..	6-48	—14-15		L.H.R.	.....	C	.....	15.50
SK71..	6-48	—14-15		U.Q.R.	.....	C	.....	5.50
SK72..	4-32	—1916		F	.....	E	.....	6.75
SK73..	4-32	—1916		L.H.R.	.....	E	.....	11.00
SK74..	4-32	—1916		U.Q.R.	.....	C	.....	4.75
SK75..	6-42	—1916		F	.....	E	.....	8.00
SK76..	6-42	—1916		L.H.R.	.....	E Spec.	.....	Qual 20.00
SK77..	6-42	—1916		U.Q.R.	.....	C	.....	4.75
SK78..	100-Point	Six		F	.....	E	.....	7.00
SK79..	100-Point	Six		L.H.R.	.....	C only	.....	10.00

KRIT

1400..1914	F	E	4.50
1401..1914	U.H.R.	Spec.	6.25
1402..1914	L.H.R.	A	5.50

LEWIS

SL..65..6—1914	F	E	7.50
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AUTOMOBILE SPRINGS

LEXINGTON

Stk.No.	Model	Location	Style	Price
SL18.	Thoroughbred			
	1916	F.	E.	7.00
SL66.	Minute Man			
	Six 1916	F.	E.	5.25

LIBERTY

SL69.	6—1917	F.	E.	5.50
SL70.	6—1917	R.	A.	9.75

LITTLE

SL22.	4—1913	F.	A.	3.75
SL23.	4—1913	L.H.R.	C.	5.25
SL24.	4—1913	U.Q.R.	C.	2.50
SL25.	6—1913	F.	A.	6.00
SL26.	6—1913	R.	Cross A only	6.00

LOCOMOBILE

SL38.	L-1909 to 1913			
	Right	F.	A.	5.75
SL43.	L-Baby T. 1909			
	to 1913	R.	A.	5.50
SL44.	L-Tour. 1909			
	to 1913	R.	A.	7.75

MADISON

SM140.	6-40—1917	5		
	Pass	F.	E.	6.50
SM141.	6-40—1917	5		
	Pass	L.H.R.	C only	11.00
SM142.	5-40—1915	5		
	Pass.	U.Q.R.	C.	4.00

MARATHON

SM26.	Runner 1913.	F.	A.	3.75
SM27.	Winner 1913.	F.	A.	6.50

MARION

2600.	10-30-40	F.	E.	5.50
2601.	10-30-40	L.H.R.	E.	5.50
2602.	10-30-40	U.H.R.	B.	6.50
2603.	37	F.	E.	6.25
2604.	37	L.H.R.	E.	7.50
2605.	37A	F.	E.	5.50
2606.	37A	L.H.R.	E.	7.50
SM41.	1909	F.	A.	5.25
SM42.	1909	L.H.R.	B.	6.00
SM43.	1909	U.H.R.	B.	6.50
SM44.	35	L.H.R.	C.	8.00

MARION HANDLEY

SM145.	A 6-40—16-17.	F.	E.	6.00
SM146.	A 6-40—16-17.	R.	A only	14.00
SM147.	B 6-50—1916.	F.	E.	7.75
SM148.	B 6-50—1916.	R.	A only	12.50

MAXWELL

1500.	14 H.P.	F.	E.	4.00
1501.	14 H.P.	R.	E.	4.50
1502.	A	F.	D only	5.00
1503.	A	R.	D only	6.00
1521.	Messenger	F.	D.	5.25
1522.	Messenger	R.	D.	6.00
1520.	AA-AB	F. or R.	D.	5.00
1504.	Q Mascotte	F.	E.	5.50
1505.	Q	L.H.R.	E.	5.75
1514.	Q Mascotte	U.Q.R.	C.	2.50
1518.	Mascotte	L.H.R.	E.	5.75
1506.	E. G. Ea. Ga.	F.	E.	6.50
1507.	E. G. Ea. Ga.	L.H.R.	E.	10.00
1515.	E. G. Ea. Ga.	U.Q.R.	C.	3.25
1508.	25—1914	F.	E.	4.00
1509.	25—1914	R.	E.	5.25
1523.	25—1915-16	F.	E.	4.50
1524.	25—1915-16	U.H.R.	E.	5.50
1519.	25—1915-16	U.Q.R.	C.	3.00
1525.	25—1917	L.H.R.	E.	6.50
1526.	25—1917	U.Q.R.	C.	3.00
1510.	35—1914	F.	E.	6.50
1511.	35—1914	L.H.R.	E.	8.50
1516.	35—1914	U.Q.R.	C.	2.50
1512.	50—1914	F.	E.	6.50
1513.	50—1914	L.H.R.	E.	13.25
1517.	50—1914	U.Q.R.	C.	5.25
SM52.	D-Da-K-Ka	F.	A.	5.50
SM53.	D-Da-K-Ka	R.	A.	7.50
SM54.	L	F.	D.	6.25
SM55.	L	R.	D.	5.50
SM56.	LD	F.	D.	5.75
SM57.	LD	R.	D.	7.50
SM58.	LA Special	L.H.R.	C.	7.75
SM153.	EB	F.	E.	5.75
SM154.	EB	L.H.R.	E.	10.00
SM155.	EB	U.Q.R.	C.	3.00

METZ

Stk.No.	Model	Location	Style	Price
1600.	1912-1913	F. or R.	D.	5.00
1601.	1914-1915	F.	D.	5.00
1602.	1914-1915	R.	D.	5.75

MICHIGAN

SM81.	40—1912-13			
	1 3/4 in.	F.	A.	5.50
SM84.	40—1914 2 1/4			
	in.	F.	A.	6.50

MITCHELL

SM99.	L	F.	A.	6.25
SM104.	R—1910	F.	A.	7.00
SM105.	T—1910	F.	A.	7.00
SM109.	6 Cyl. 7 Pass.			
	1914	F.	A.	9.75
SM112.	1915	F.	A.	7.00
SM115.	B-6-45—15	F.	A.	9.00

MONROE

SM175.	1917 Rdster.	F.	E.	4.25
SM176.	1917 Rdster.	L.H.R.	E.	5.75
SM177.	1917 Rdster.	U.Q.R.	C.	3.00

OAKLAND

200.	30—1910-11	F.	E.	4.50
900.	30—1910-11	L.H.R.	E.	5.25
901.	30—1910-11	U.H.R.	B.	5.25
902.	30—1912-13	F.	E.	6.50
903.	35—13 36—14	F.	E.	7.00
904.	35—13 36—14	L.H.R.	E.	8.75
916.	35—13 36—14	U.Q.R.	C.	6.00
905.	40—1910-11	F.	E.	6.00
925.	40—1910-11	R.	D.	15.00
906.	40—1912-13	F.	E.	8.50
917.	40—1912-13	L.H.R.	E.	10.25
927.	42—1913	F.	E.	8.75
928.	42—1913	L.H.R.	E.	12.00
929.	42—1913	U.Q.R.	C.	7.75
907.	45—1913	F.	E.	9.25
926.	45—1913	L.H.R.	C.	13.25
910.	43—1914	F.	E.	8.50
911.	43—1914	L.H.R.	E.	12.00
919.	43—1914	U.Q.R.	C.	7.75
912.	48—1914	F.	E.	9.00
913.	48—1914	L.H.R.	E.	12.50
920.	48—1914	U.Q.R.	C.	7.00
914.	6-60—1914	F.	E.	11.25
915.	6-60—1914	L.H.R.	E.	16.00
921.	6-60—1914	U.Q.R.	C.	10.00
922.	37—1915	F.	E.	5.50
923.	37—1915	L.H.R.	E.	9.00
924.	37—1915	U.Q.R.	C.	3.25
930.	49—1915	F.	E.	9.25
931.	49—1915	L.H.R.	E.	12.00
932.	49—1915	U.Q.R.	C.	6.50
933.	32—1916	F.	A only	5.00
939.	32-B—1916	F.	E.	5.00
934.	32-32B—1916	L.H.R.	E.	6.00
935.	32-32B—1916	U.Q.R.	C.	3.00
936.	38—1916	F.	E.	6.00
937.	38—1916	L.H.R.	E.	8.25
938.	38—1916	U.Q.R.	C.	3.00
940.	8-50—1916	F.	E.	10.25
941.	8-50—1916	L.H.R.	C only	11.75
943.	Sensible Six '17.	F.	A.	6.00
944.	Sensible Six '17.	R.	A only	8.75

OLDSMOBILE

S021.	42—1915	F.	E.	5.25
S023.	55—1915	F.	E.	10.00
S025.	43—1916	F.	E.	6.75
S033.	8-44—1916-17	F.	E.	6.50

OVERLAND

400.	38	F.	E.	5.00
401.	38	L.H.R.	E.	4.50
402.	38	U.H.R.	B.	5.00
403.	40-41-42-50-51.			
	55-56-60	F.	E.	6.50
404.	40-41-42-50-51.			
	55-56-60	L.H.R.	E.	8.00
409.	40-41-42-50-51.			
	55-56	U.Q.R.	C.	3.25
413.	52-53-54	F.	E.	8.50
414.	52-53-54	L.H.R.	E.	8.00
415.	52-53-54	U.Q.R.	C.	4.00
405.	59-69-79	F.	E.	5.50
406.	59-69	L.H.R.	E.	6.75
418.	79	L.H.R.	E.	7.50
416.	59-69	U.Q.R.	C.	3.50
417.	79	U.Q.R.	C.	4.00
420.	60	U.Q.R.	C.	3.50
407.	61-71	F.	E.	7.00
408.	61-71	L.H.R.	E.	8.50
421.	80—1915	F.	E.	5.50
422.	80—1915	L.H.R.	E.	9.75
423.	80—1915	U.Q.R.	C.	5.00

OVERLAND—Continued

Stk.No.	Model	Location	Style	Price
424.	81—15 83—16.	F.	E.	5.75
425.	81—1915	L.H.R.	C.	7.25
426.	81—1915	U.Q.R.	C.	3.00
427.	82-86	F.	E.	7.75
428.	82-86	L.H.R.	C.	11.25
429.	82-86	U.Q.R.	C.	4.75
430.	83—1916	L.H.R.	C.	7.25
431.	83—1916	U.Q.R.	C.	3.00
432.	84—1916	F.	E.	6.00
433.	84—1916	L.H.R.	C.	9.50
434.	84—1916	U.Q.R.	C.	5.00
435.	75—75B	F.	E.	5.25
436.	75-75B	R.	E.	9.50
437.	85-4 85-6—1917.	F.	E.	7.00
438.	85-4 85-6—1917.	R.	E.	15.00
S027.	30-32	F.	E.	5.25
S028.	31	F.	E.	5.25
S029.	30-31-32	L.H.R.	E.	5.00
S030.	30-31-32	U.H.R.	B.	5.25

PACKARD

2707.	18—1911	F.	E.	7.25
2713.	30—09-10-11-12.	F.	E.	8.50
2711.	2-48-3-48	F.	E.	8.50
2715.	4-48-5-48	F.	E.	10.25

PACKARD TRUCK

SP4.	A-T-N-1 1/2-2	T.F.	A.	10.40
SP5.	A-T-N-1 1/2-2	T.R.	A.	17.20
SP6.	3 Ton Old Style.	F.	A.	15.60
SP7.	3 Ton Old Style.	R.	A.	30.00
SP8.	T-D-T-C ATN			
	3A-3 T. 1914.	F.	A.	15.60
SP9.	T-D-T-C ATN			
	3A-3 T. 1914.	R.	A.	23.60
SP10.	4A-4 Ton—14.	F.	A.	15.60
SP11.	4A-4 Ton—14.	R.	A.	25.60
SP12.	5A-6A-5 Ton.	F.	A.	20.00
SP13.	5A-6A-5 Ton.	R.	A.	39.20

PAIGE DETROIT

1900.	25—12-13 1 3/4 in.	F.	E.	5.00
1901.	25—1914 1 3/4 in.	F.	E.	5.00
1902.	25—1912-13-14	R.	D.	18.00
1904.	36—12-13 1 3/4 in.	F.	E.	5.00
1905.	36—1914-15 2 in.	F.	E.	5.50
1906.	36—12-13-14-15	T.H.R.	A.	7.25
1908.	36—12-13-14-15	U.H.R.	A.	7.75
1909.	6-46—1915	F.	E.	6.50
1910.	6-46—1915	R.	E.	15.00
1911.	6-36—1916	F.	E.	6.25
1912.	6-36—1916	R.	E.	13.00
1913.	6-38—1916	F.	E.	7.00
1912.	6-38—1916	R.	E.	13.00
1914.	6-46—1916	F.	E.	8.25

PATTERSON

SP36.	32—1914-15	F.	E.	6.50
SP37.	33—13-14-15.	F.	E.	7.50
SP149.	47—1913	F.	E.	7.50
SP150.	6-45	F.	E.	6.75
SP151.	6-45	L.H.R.	E.	8.00
SP152.	6-45	U.Q.R.	C.	5.00

PREMIER

SP97.	4-40	F.	A.	7.00
SP100.	6-60-10	F.	A.	8.50
SP165.	6-60-11	F.	A.	8.50
SP105.	6-40-13	F.	E.	9.00
SP107.	6-60-13	F.	E.	8.50

PULLMAN

SP118.	1916	F.	E.	5.00
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RAMBLER

2900.	Cross Country.	F.	A only	5.25
2901.	Cross Country.	L.H.R.	C only	12.50
2902.	Cross Country.	U.Q.R.	C.	4.75
SR1.	147—1907	F.	A.	7.00
SR2.	31	F.	A.	5.75
SR3.	63	F.	3A.	7.25
SR4.	63-64-65	L.H.R.	C.	11.50
SR5.	63-64-65	U.Q.R.	C.	6.00

AUTOMOBILE SPRINGS

REGAL

Stk.No.	Model	Location	Style	Price
2100.	All L.F. models.	F.	E.	6.50
2101.	All L.F. models.	L.H.R.	E.	5.50
2102.	All L.F. models.	U.H.R.	B.	6.00
2103.	H. Underslung			
1913		F.	E.	6.50
2104.	H. Underslung			
1913		R.	E.	8.00
2105.	T. Underslung			
1913-14		F.	E.	6.50
2106.	T. Underslung			
1913		R.	E.	8.00
2107.	C-1914		F.	8.00
2108.	C-1914		L.H.R.	10.00
2111.	C-1914		U.Q.R.	6.00
2110.	T-1914		R.	11.50
SR6.	E-1915-16		F.	5.50
SR7.	D-1915		F.	6.50
SR21.	D-1915		L.H.R.	8.00
SR22.	D-1915		U.Q.R.	4.25
SR23.	8 Cyl. 1916		F.	6.50
SR24.	8 Cyl. 1916		R.	13.00
SR25.	4-32-1917		F.	5.00
SR26.	4-32-1917		R.	7.25

REO

2200.	2 Cyl.	F.	E.	6.00
2201.	2 Cyl.	R.	D only	10.25
2202.	R	F.	E.	6.00
2203.	R	L.H.R.	E.	7.00
2208.	R	U.Q.R.	C.	4.00
2204.	Fifth 1912	F.	E.	7.25
2205.	Fifth 1912	L.H.R.	E.	8.00
2209.	Fifth 1912	U.Q.R.	C.	4.75
2206.	Fifth 1913-14-			
15-16		F.	E.	7.25
2207.	Fifth 1913-14-			
15-16		L.H.R.	E.	8.00
2210.	Fifth 1913-14-			
15-16		U.Q.R.	C.	5.00
2211.	Sixth 1915-16.	F.	E.	8.00
2212.	Sixth 1915-16.	R.	Cant.	14.00

REO TRUCK

SR8.	F	F.	A.	8.25
SR9.	F	R.	A.	9.60
SR10.	J	F.	A.	11.00
SR11.	H	R.	A.	15.00

SAXON

Stk.No.	Model	Location	Style	Price
1350.	4 Cyl. '15-16-17.	F.	Cant.	3.00
1351.	4 Cyl. '15-16-17.	R.	Cant.	3.00
1352.	6 Cyl. '15-16-17.	F.	Cant.	7.50
1353.	6 Cyl. 1915-16.	R.	Cant.	8.25
1354.	6 Cyl. 1917.	R.	Cant.	14.50

SCRIPPS BOOTH

1825.	1915-5 Plate	F.	A.	3.00
1826.	1915-16-6 Plate.	F.	A.	3.50
1827.	1915-16	R.	Cant.	5.25
1828.	4 Cyl. 1917.	F.	A.	3.50
1828.	4 Cyl. 1917.	R.	1/4 E11.	5.25
1829.	8 Cyl. 1917.	F.	A only	4.50
1830.	8 Cyl. 1917.	R.	Cant.	9.75

STEARNS KNIGHT

SS35.	L-4-1916	F.	E.	6.75
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STODDARD DAYTON

3000.	9F-10F-K	F.	E.	9.00
3001.	10F	L.H.R.	E.	11.75
3002.	10F	U.Q.R.	C.	4.50
3003.	11B-11C	F.	E.	6.00
3004.	11B	L.H.R.	E.	11.00
3005.	11M	F.	E.	6.00
3006.	11M	L.H.R.	E.	7.25
3007.	Savoy 1912	F.	E.	6.00
3008.	Savoy 1912	L.H.R.	E.	6.25

STUDEBAKER

2300.	25-1913	F.	E.	5.50
2301.	25-1913	L.H.R.	B.	5.00
2302.	25-1913	U.H.R.	B.	5.25
2305.	4B-1914-15	F.	E.	6.00
2306.	4B-1914-15	L.H.R.	B.	6.50
2307.	4B-1914-15	U.H.R.	B.	6.50
2308.	35-1913	F.	E.	6.25
2304.	35-1913 Over-			
hung		L.H.R.	E.	9.25
2311.	35-1913	U.Q.R.	C.	5.00

STUDEBAKER—Continued

Stk.No.	Model	Location	Style	Price
2308.	6 Cyl. 1914-15.	F.	E.	6.25
2309.	6 Cyl. 1914-15	L.H.R.	E.	9.25
	Underslung			
2311.	6 Cyl. 1914-15.	U.Q.R.	C.	5.00
2312.	4-40-1916	F.	E.	7.25
2313.	4-40-1916	L.H.R.	C.	11.00
2314.	4-40-1916	U.Q.R.	C.	4.00
2315.	6-50-1916	F.	E.	7.25
2316.	6-50-1916	L.H.R.	C.	11.00
2317.	6-50-1916	U.Q.R.	C.	5.00

STUDEBAKER DELIVERY

SS65.	1914	F.	E.	6.50
SS66.	1914	L.H.R.	B.	8.50
SS67.	1914	U.H.R.	B.	9.00

STUTZ

SS68.	A-12 B-13.	F.	E.	6.75
SS70.	E-1914	F.	E.	7.25

WESTCOTT

SW18.	1915	F.	E.	5.75
SQ19.	1915	U.Q.R.	C.	6.00
SW54.	6-51-1916	F.	E.	6.00
SW55.	6-51-1916	R.	Cant.	15.25
SW56.	—1917	F.	E.	7.00

WHITE

3100.	GAB-GAD-GAF-			
	GAG	F.	E.	7.50
3101.	GAB-GAD-GAF-			
	GAG	L.H.R.	E.	8.50
3102.	GAB-GAD-GAF-			
	GAG	U.Q.R.	C.	4.25

WILLIS OVERLAND UTILITY

SW65.	1500	F.	A.	7.80
SW66.	1500	R.	A.	13.60

SPRING CLIPS

Order by Stock Number.

For 1 1/2-Inch Springs.

Stk. No.	Flat	Stem	Lgth.	Per 100
150D	1 1/4	1/4	2 1/2	\$34.50
150E	1 1/4	1/4	3	35.00

For 1 3/4-Inch Springs.

175C	1 1/2	1/4	3	37.00
175F	1 1/2	1/4	3 1/4	37.50
175H	2	1/4	3 1/4	38.00
175P	1 1/2	1/4	3 3/4	39.00

For 2-Inch Springs.

200A	1 1/4	1/4	2 1/2	38.00
200B	1 1/4	1/4	3 1/4	39.50
200G	1 1/4	1/4	3 1/2	41.00
200M	1 1/4	1/4	3 3/4	46.00
200B	1 1/4	1/4	4 1/2	47.80
200P	2	1/4	4 1/2	47.80
200R	2	1/4	5	60.00
200S	2	1/4	6	64.00

For 2 1/4-Inch Springs.

225B	2	1/4	4	48.60
225C	1 1/2	1/4	4	48.60
225J	2	1/4	4 1/2	51.00

For 2 3/4-Inch Springs.

250D	2	1/4	4 1/4	54.20
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SPRING BUMPERS

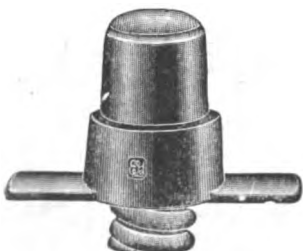
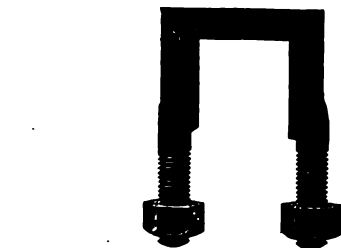
EVER GOOD

Their function is to relieve and prevent strains on the springs when the car is heavily loaded "E. G." Spring Bumpers are superior to ordinary rubber bumpers, because the coil spring and telescopic housing offer greater resiliency and there is no disintegration.

A rubber plug acts as a cushion when the springs come into contact with the spring bumper.

Light, Medium and Heavy Compression Springs Furnished According to Model of Car.

No. 50—Spring Bumpers, Average Weight Per Pair 5 Lbs. Per Pair \$1.25



DEPARTMENT NO. 13

BICYCLES AND BICYCLE SUNDRIES

“FRANKFURTH” BICYCLES

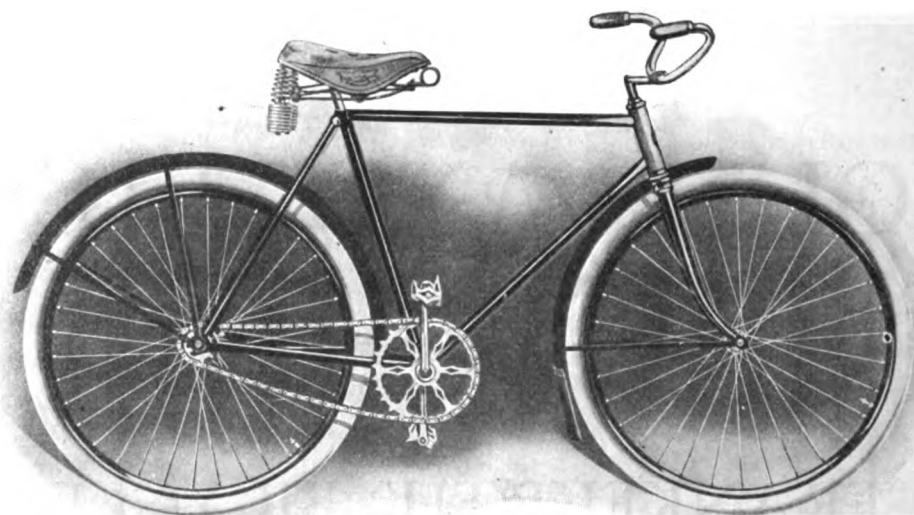
ARE STRICTLY HIGH GRADE,
MATERIAL, WORKMANSHIP,
FINISH, EQUIPMENT THE BEST

BICYCLE TIRES, TIRE SUNDRIES, COASTER
BRAKES, HANDLE BARS, SADDLES, PEDALS,
CHAINS, BICYCLE REPAIRS AND TOOLS,
CEMENTS AND OILS, LANTERNS, BELLS,
PUMPS, ETC.

Wm. Frankfurth Hardware Co.
MILWAUKEE

BICYCLES

MEN'S FRANKFURTH MODEL 5



STANDARD SPECIFICATIONS

OUR HIGHEST GRADE

Frame—Either 20, 22 or 24 inch, 1 inch 18 Gauge Seamless Steel Tubing, Oval Rear Stays and Forks, All Flush Joints.

Wheels—28 inch.

Forks—Raised Nicked Ribbed Seamless Fork Sides, 3 Plate Crown.

Crank Hanger—Drop Forged, Diamond Pattern, One-Piece 7 inch Cranks, removable without Disturbing Cups.

Finish—Brown, Four Coats Hand Rubbed, with Fancy Head in White Enamel.

Front Hub—New Departure.

Coaster Brake—New Departure.

Rims—Enameled to Match Frame.

Spokes—Highest Quality Diamond E, 36 in Front, 36 in Rear.

Chain— $\frac{1}{8}$ inch, English Twin Roller.

Sprocket—Front, Diamond Pattern, Recessed, 26 Tooth, 9 Tooth Rear.

Tires—28x1 $\frac{1}{2}$ or 1 $\frac{5}{8}$ inch, Royal Guaranteed.

Handle Bar—Schinneer, No. 12M.

Saddle—Star X.

Pedals—No. 10 Pirate Rat Trap.

Tools—Fine Leather Bag, Wrench Pump and Oiler.

Guards—Metal, Double Flat Braces on Rear.

Frankfurth Model 5—With 28x1 $\frac{5}{8}$ or 1 $\frac{1}{2}$ inch Royal Guaranteed Single Tube Tires and New Departure Coaster Brake. Each \$45.00

Frankfurth Model 5—With 28x1 $\frac{5}{8}$ or 1 $\frac{1}{2}$ inch G. & J. Detachable Tires and New Departure Coaster Brake. 49.60

LADIES' FRANKFURTH MODEL 5A

20 and 22 inch Frame, Black with Red Head, Rims Black, Red Center, Equipment Same as Above.

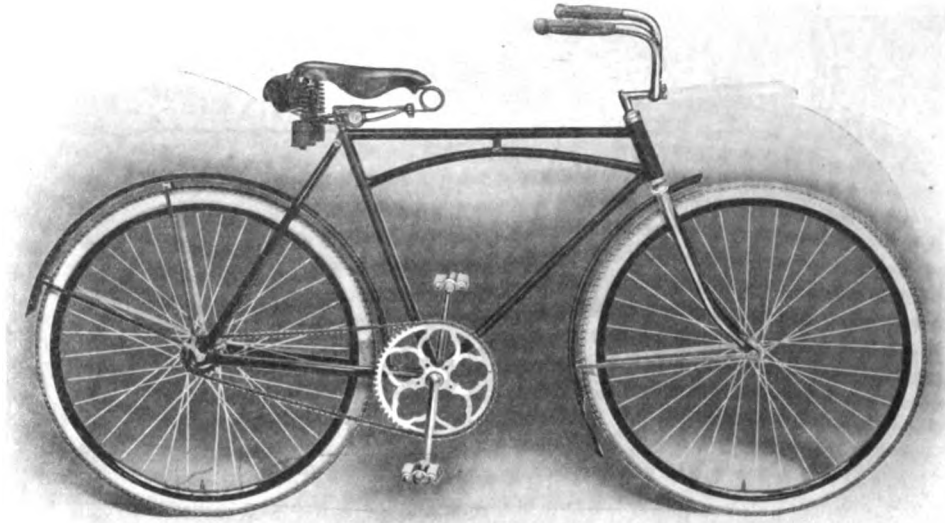
Frankfurth Model 5A—With 28x1 $\frac{5}{8}$ or 1 $\frac{1}{2}$ inch Royal Guaranteed Single Tube Tires and New Departure Coaster Brake. Each \$46.50

Frankfurth Model 5A—With 28x1 $\frac{5}{8}$ or 1 $\frac{1}{2}$ inch G. & J. Detachable Tires and New Departure Coaster Brake. 50.40

Note—The Above Bicycles Can be Furnished with Any Equipment Listed in this Catalog, Adding or Deducting the Difference in Price of Equipment Selected.

BICYCLES

MEN'S, FRANKFURTH MODEL 11



STANDARD SPECIFICATIONS

OUR HIGHEST GRADE

Frame—Either 20, 22 or 24 inch, 1 inch 18 Gauge Seamless Steel Tubing, Oval Rear Stays and Forks, All Flush Joints.

Wheels—28 inch.

Forks—Raised Nickeled Ribbed Seamless Fork Sides, 3 Plate Crown.

Crank Hanger—Drop Forged, Diamond Pattern, One-Piece, 7 inch Cranks, Removable without Disturbing Cups.

Finish—National Blue, Four Coats Hand Rubbed, with Fancy Head in White Enamel.

Front Hub—New Departure.

Coaster Brake—New Departure.

Rims—One-Piece Maple, Enameled to Match Frame.

Spokes—Highest Quality Diamond E, 36 in Front, 36 in Rear.

Chain— $\frac{3}{8}$ inch, English Twin Roller.

Sprocket—Front, Diamond Pattern, Recessed, 26 Tooth, 9 Tooth Rear.

Tires—28x1 $\frac{1}{2}$ or 1 $\frac{1}{4}$ inch, Royal or Federal Single Tube. Guaranteed.

Handle Bar—Schinnerer No. 12M.

Saddle—Tip Top.

Pedals—No. 10 Pirate Rat Trap.

Tools—Fine Leather Bag, Wrench, Pump and Oiler.

Guards—Metal, Double Flat Braces on Rear.

Stand—Motorcycle Style.

Each

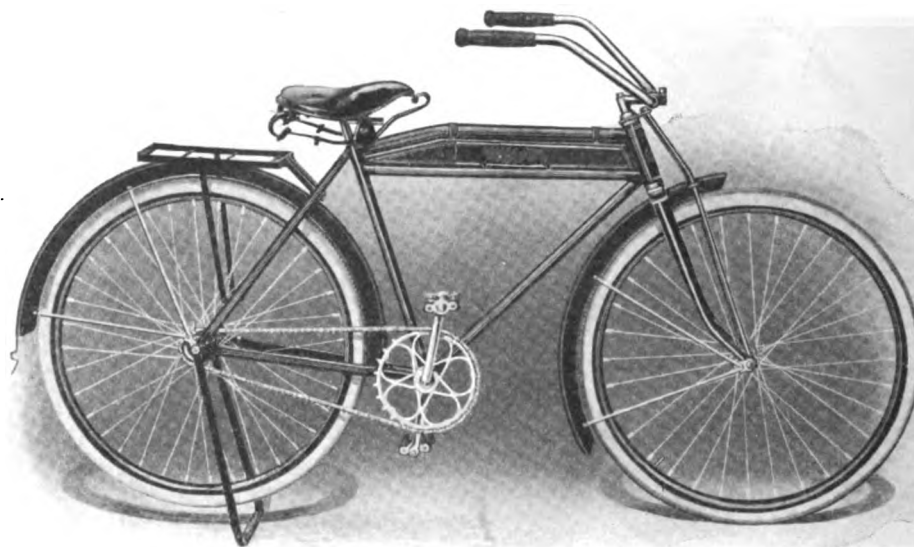
Frankfurth Model 11—With 28x1 $\frac{1}{2}$ or 1 $\frac{1}{4}$ inch Royal Red Stud Single Tube Tires and New Departure Coaster Brake... **\$49.90**

Frankfurth Model 11—With 28x1 $\frac{1}{2}$ or 1 $\frac{1}{4}$ inch Federal Blue Stud Whiteside Single Tube Tires and New Departure Coaster Brake **54.00**

Note—The Above Bicycles can be Furnished with Any Equipment Listed in this Catalog, Adding or Deducting the Difference of Price of Equipment Selected.

BICYCLES

MEN'S FRANKFURTH MODEL 10



STANDARD SPECIFICATIONS

For Men's Motorbike.

Frame—1 inch Seamless Steel Tubing, Extra Heavy, Strongly Reinforced, All Flush Joints.

Upper Tube—Motorcycle Design.

Height—20 inches at Seat Post Mast.

Wheels—28 inch.

Truss Fork—Motorcycle Style, as Illustrated. Handsomely Decorated.

Crank Hanger—Drop Forged, One-Piece, 7 inch. Can be Removed without Disturbing Cups.

Finish—Handsomely Enameled in Orange, Four Coats Hand Rubbed, Blue Head.

Front Hub—New Departure.

Coaster Brake—New Departure.

Rims—One-Piece Maple, Orange, Blue Center.

Chain— $\frac{1}{8}$ inch, English Twin Roller.

Sprockets—Front 26 Tooth Heart Pattern, 9 Tooth Rear.

Spokes—Highest Quality Diamond E, 36 in Front, 36 in Rear.

Tires—Vitalic.

Handle Bar—Motorcycle Style, Extension, Long Rubber Grips.

Saddle—Tip Top.

Pedals—Rubber, Motorcycle Style.

Tool Box—Metal, Enameled to Match, Containing Pump, Wrench and Oiler.

Guards—Metal, Enameled to Match, Deep Drop Sides, Motorcycle Style, Double Braces Front and Rear.

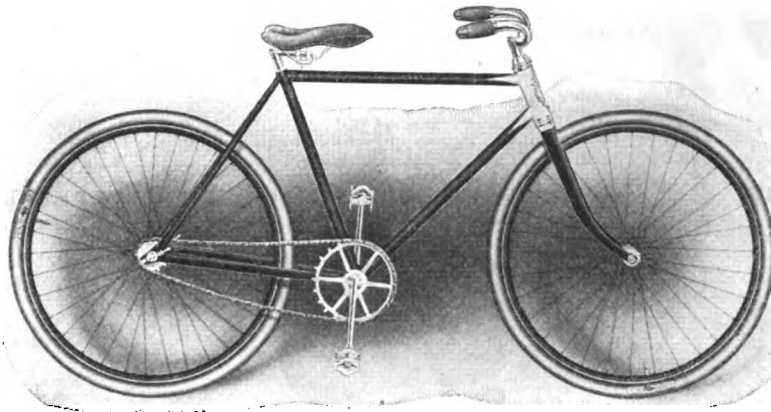
Stand—Motorcycle Style.

Frankfurth Model 10 —With 28x1 $\frac{1}{2}$ inch Vitalic Tires and New Departure Coaster Brake.....	Each \$59.50
Frankfurth Model 10 —With 28x1 $\frac{3}{8}$ inch Vitalic Tires and New Departure Coaster Brake.....	59.50

Note—The Above Bicycles can be Furnished with Any Equipment Listed in this Catalog, Adding or Deducting the Difference of Price of Equipment Selected.

BICYCLES

BOYS', JUVENILE



SPECIFICATIONS

The Highest Grade Juvenile in the World, an Exact Duplicate of the Men's Models, Except Being Made in Smaller Sizes and Properly Proportioned, Beautifully Finished.

High Grade Juvenile Saddle, Pedals and Adjustable Bar.

Model 6—Frame 16 inches, Wheels 24 inches.

Model 8—Frame 18 inches, Wheels 26 inches.

Finish—Enameled Black, Red Head.

Hanger—Fauber One-Piece, Four-Arm Sprocket.

Hubs—Concave Center.

Rims—Black and Red Center.

Boys' Juvenile Model 6—With 24x1 $\frac{3}{8}$ inch Juvenile Single Tube Tires and New Departure Coaster Brake..... **\$39.60** Each

Boys' Juvenile Model 8—With 26x1 $\frac{1}{2}$ inch Juvenile Single Tube Tires and New Departure Coaster Brake..... **40.20**

GIRLS', JUVENILE

SPECIFICATIONS

High Grade Juvenile Saddle, Pedals and Adjustable Bar.

Model 7—Frame 16 inches, Wheels 24 inches.

Model 9—Frame 18 inches, Wheels 26 inches.

Finish—Enameled Black, Red Head.

Hanger—Fauber One-Piece, Four-Arm Sprocket.

Hubs—Concave Center.

Rims—Black and Red Center.

Gear—56.

Girls' Juvenile Model 7—With 24x1 $\frac{3}{8}$ inch Juvenile Single Tube Tires and New Departure Coaster Brake..... **\$40.80** Each

Girls' Juvenile Model 9—With 26x1 $\frac{1}{2}$ inch Juvenile Single Tube Tires and New Departure Coaster Brake..... **41.40**

BICYCLE TIRES

ROYAL, SINGLE TUBE



Royal Tires are made to meet the requirements of trade wanting a good article at a low price. In air-holding quality they are equal to any tires made, and will give satisfactory service.

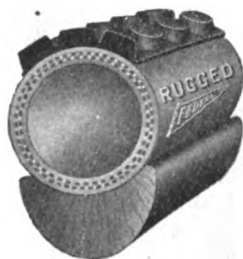
Guarantee—We agree to replace or repair, free of charge, any Royal Tire, which, in our judgment, is defective, either in material or workmanship, if returned to us transportation charges prepaid, within the calendar year in which it was bought. This guarantee positively expires by limitation December 31st of the year in which tires were purchased.

We will not replace tires that have been punctured and plugged.

Red Studded Tread.

	Per Pair
28x1 1/2 inch	\$6.00
28x1 5/8 inch	6.00
26x1 1/2 inch	5.80
24x1 5/8 inch	5.60

FEDERAL, SINGLE TUBE



Blue Rugged Tread.

Rugged Tread Single Tube Tires have an extra heavy pure gum inner tube and are made with automobile quality white cover stock and blue non-skid oil-proof tread. The motorcycle fabric used is both resilient and strong, preventing blowout and resisting punctures.

	Per Pair
28x1 1/2 inch	\$11.00
28x1 5/8 inch	11.00

FEDERAL, DOUBLE CLINCHER



Blue Rugged Tread.

Are made in double clincher type with the same high quality materials as used in the single tube tire. The clincher construction is absolutely correct and the Rugged Tread Double Clincher Tire is the premier of that popular type.

Tires Complete.	Per Pair
28x1 1/2 inch	\$14.90
28x1 5/8 inch	14.90

Casings Only.	Each
28x1 1/2 or 1 5/8 inch	\$5.40

FEDERAL, SINGLE CLINCHER



Blue Rugged Tread.

The same material is used in the Rugged Tread Single Clincher Casing as in the Rugged Tread Double Clincher and Single Tube. The construction has been adopted to permit the use of a high grade tire on the popular Single Clincher rim.

Tires Complete.	Per Pair
28x1 1/2 inch	\$14.90
28x1 5/8 inch	14.90

Casings Only.	Each
28x1 1/2 or 1 5/8 inch	\$5.40

GOODRICH SINGLE TUBE

White Safety Tread.

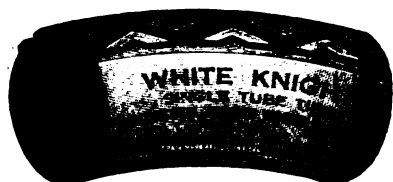


This Tire is attractive in appearance and built to give service. The same high grade of pure white rubber put into the tread is also used in the tube and friction. This unit construction assures absolute satisfaction and freedom from tire troubles.

Three full plies of fabric render it very hard to puncture. Will not creep on rim.

	Per Pair
28x1 1/2 inch	\$7.00
28x1 5/8 inch	7.00

WHITE KNIGHT SINGLE TUBE

White Non-Skid Tread.
Red Side Strip.

Built with two plies of high grade fabric, with two additional plies on tread, making it a four ply tire, high grade friction, inner tube extra quality.

	Per Pair
28x1 1/2 inch	\$6.30
28x1 5/8 inch	6.30

GUARANTEED VITALIC, SINGLE TUBE



1-EXTRA HEAVY TUBE MADE OF PURE WHITE RUBBER
2-GENUINE MOTORCYCLE FABRIC
3-PURE WHITE RUBBER FRICTION
4-GENUINE MOTORCYCLE FABRIC
5-TREAD MADE OF PURE WHITE RUBBER EXTRA THICKNESS

	Per Pair
28x1 1/2 inch	\$10.20
28x1 5/8 inch	10.20

Guaranteed Vitalic Tires are absolutely sound from tube to tread. The fabric is woven from Vitalic triple twisted thread. The rubber is naturally dried, milled and compounded, and then combined with the fabric.

Guaranteed Vitalic Tires are made of honest rubber, so tough, so elastic, so enduring that no reasonable cause can puncture them. They will stand up, mile after mile, month after month, until you have got your money's worth in actual mileage.

HUMMER SINGLE TUBE



Corrugated Tread.

Two ply American fabric Inner Tube and Cover. High grade rubber.

	Per Pair
28x1 1/2 inch	\$4.20
28x1 5/8 inch	4.20

A good cheap tire; not guaranteed.

BICYCLE TIRES

MORGAN & WRIGHT DOUBLE TUBE

Plain Tread.
Juvenile.

	Per Pair
24x1 3/8 inch	\$7.18
	Per Pair
26x1 1/2 inch	\$7.96
28x1 1/2 inch	7.96
28x1 5/8 inch	7.96

The Morgan & Wright Double Tube Tire is so well known that a description of it is not necessary.

G. & J. DOUBLE TUBE, DOUBLE CLINCH



Corrugated Tread.

	Per Pair
28x1 1/2 inch	\$12.12
28x1 5/8 inch	12.12
	Each
28x1 1/2 inch	\$4.00
28x1 5/8 inch	4.00

Casing made from high grade rubber and closely woven Sea Island Cotton Fabric. Well frictioned and vulcanized. Inner Tube made of highest grade Para Rubber.

	Each
G. & J. Pumps	\$0.20
G. & J. Repair Outfits	.14

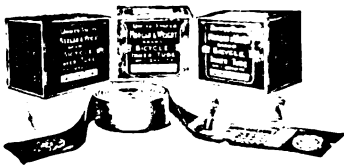
OUTER CASINGS

MORGAN & WRIGHT

	Each
Juvenile—24x1 3/8 inch	\$2.34
Standard—26x1 1/2 inch	2.52
Standard—28x1 1/2 inch	2.52
Standard—28x1 5/8 inch	2.52

INNER TUBES

MORGAN & WRIGHT



No. 1 Quality, Butt-End.

	Per Dozen
Juvenile—24x1 3/8 inch	\$16.34
Standard—26x1 1/2 inch	18.30
Standard—28x1 1/2 inch	18.30
Standard—28x1 5/8 inch	18.30

No. 2 Quality, Butt-End.

	Per Dozen
Standard—28x1 1/2 inch	\$16.34
Standard—28x1 5/8 inch	16.34

No. 3 Quality, Butt-End.

	Per Dozen
Standard—28x1 1/2 inch	\$12.00
Standard—28x1 5/8 inch	12.00

G. & J.



Endless.

	Each
G. & J.—28x1 1/2 inch	\$2.06
G. & J.—28x1 5/8 inch	2.06

So constructed that the walls consist of several thin plies of rubber laid one on top of the other. This construction gives great strength.

VALVES AND STEMS

SCHRADER



Schrader—Valve and Stem Complete, Fits Any Make of Double Tube Tires.....\$1.60

VALVE STEMS

MORGAN & WRIGHT



M. & W.—Made of Best Quality Gum, for Schrader Valves....\$0.60

VALVES



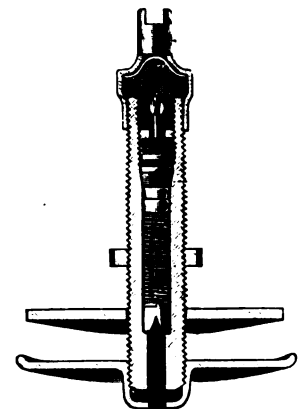
No. 1.



No. 2.



No. 3.



No. 820.

	Per Dozen
No. 1—Schrader Universal, for Double or Single Tube Tires	\$1.78
No. 2—Schrader Shoe, Fits Any Single Tube Tire	2.72
No. 3—G. & J., for G. & J. Tires	2.70
No. 820—Schrader Universal Oval Base, Used in Repairing Single Tube Bicycle Tires when Original Valve Has Been Cut or Pulled Off Leaving a Very Large Hole	3.72

VALVE CORES

SCHRADER



	Per Box
No. 1801—Plunger Core, Complete, Brass Seat Spring Washer and Screw Washer All Fastened on Shank to Fit Inside of Schrader Valves	\$0.32
Five in a Tin Box	

HUBS

HARRIS



Cut Shows Front Hub.

Nickel Plated.

Front Hub—For 32 Spokes	Each	\$0.70
Rear Hub—For 36 Spokes, 9 Tooth Sprocket, for $\frac{1}{8}$ inch Chain	1.30	
	Per Pair	\$2.00
Pair—One Each Front and Rear Hubs		

The Cups and Cones of the above Hubs are absolutely perfection in toughness and hardness and are fully guaranteed.

COASTER BRAKES

NEW DEPARTURE

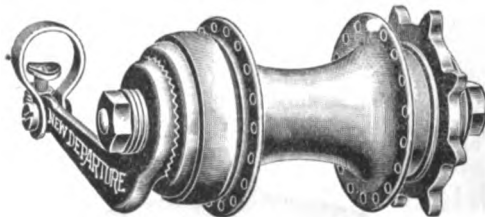
The 1917 New Departure is as far ahead of previous models as the first New Departure was ahead of the old fashioned spoon brake.

For cycling under the most strenuous conditions for either business or pleasure, the New Departure is now faultless. It can't slip, it won't bind nor lock. It is indestructible. It will never fail you.

All parts of the 1917 New Departure are heavier than in previous models.

The hub shell is thicker and extra thick in the brake drum.

All wearing surfaces are super-hardened and are as impregnable as glass for resisting wear.



Nickel Plated.

The size of the spoke flange has been increased and spoke holes have been made larger to take the bigger spokes with which wheels are now equipped.

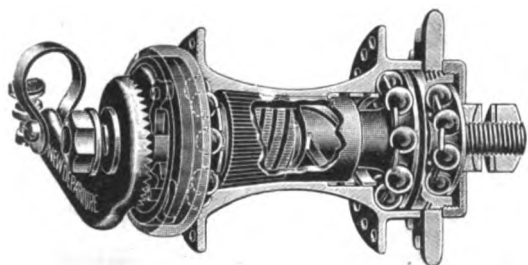
New Departure—Length Over All $4\frac{3}{4}$ inches, Chain Line $1\frac{1}{2}$ or $1\frac{5}{8}$ inches, 8, 9 or 10 Tooth Sprocket, for $\frac{1}{8}$ inch Chain and 36 Spokes	Each	\$6.50
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COASTER BRAKE PARTS

NEW DEPARTURE

NOTE

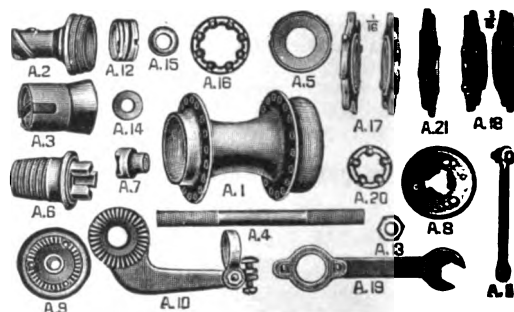
Notwithstanding the changes made in the 1917 New Departure Brake, all Parts of the new Brake are absolutely interchangeable with the Parts of all New Departure Coaster Brakes made since 1908.



Description and Operation.

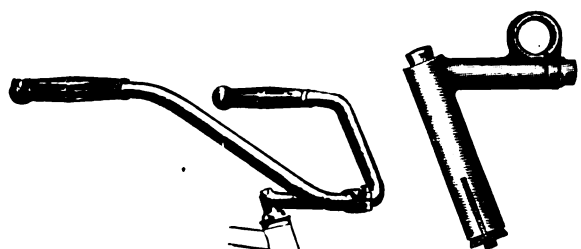
The New Departure Coaster Brake is made entirely of steel. Each part is hardened and otherwise treated scientifically to give it exactly the quality needed for performing its work successfully. The care with which the New Departure Coaster Brake is manufactured may be judged from the fact that from the time the bar steel is put into the automatic machines to the final inspection, there are 317 distinct and separate operations, 160 of which occur in the course of manufacture and 157 occur in the extremely careful inspection and test of the brake both in its separate parts and assembly.

There are very few parts to the New Departure and no parts to easily break or get out of order. The brake mechanism really consists of three simple parts—the worm drive (E), the sliding clutch sleeve (D), and the brake actuator (C). The sprocket (G) is screwed to the worm driver which projects within the hub shell (A) and operates the three-in-one brake (H).



No. A1—Hub Shell	Each	\$2.10
No. A2—Driver	Each	1.05
No. A3—Clutch Sleeve	Each	.36
No. A4—Axle	Each	.28
No. A5—Sprocket Set Nut	Each	.28
No. A6—Brake Clutch	Each	.70
No. A7—Axle Adjusting Cone	Each	.35
No. A8—Brake, Complete	Each	1.05
No. A9—Brake Disc	Each	.56
No. A10—Brake Arm	Each	.40
No. A11—Clip, Nut and Bolt	Per Set	.14
No. A12—Transfer Sleeve	Each	.14
No. A13—Axle Nut	Each	.07
No. A14—Axle Washer, Plain	Per Pair	.07
No. A15—Socket Washer	Each	.07
No. A16—Large Ball Retainer	Each	.28
No. A17—Sprocket, $\frac{1}{8}$ inch Offset	Each	.28
No. A18—Sprocket, $\frac{1}{4}$ inch Offset	Each	.28
No. A20—Small Ball Retainer	Each	.21
No. A21—Straight Sprocket	Each	.28

HANDLE BARS

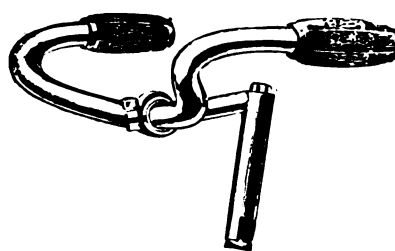


C. C. Extension Stem.

Nickel Plated.

Each

- No. 50—22 inches Wide, 5 inch Drop, 2 5/8 inch Forward Bend, Complete with "C. C." Extension Stem, with Expander, 3 inch Forward Throw, 7/8 inch Diameter, 5 inches Long, without Grips.....\$1.10
C. C. Extra Extension Stem, with Expander......50

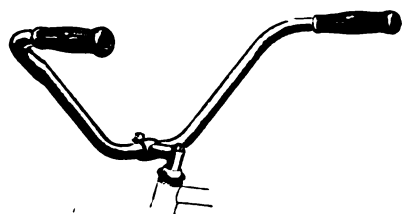


C. C. Extension Stem.

Nickel Plated.

Each

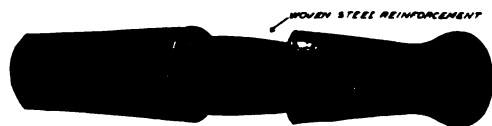
- No. 12M—20 inches Wide, 3 1/2 inch Drop, 2 1/2 inch Forward Bend, Complete with "C. C." Extension Stem with Expander, 3 inch Forward Throw, 7/8 inch Diameter, 5 inches Long, without Grips.....\$1.10
C. C. Extra Extension Stem, with Expander......50



No. 51.

- No. 51—22 inches Wide, 7 1/2 inch Drop, no Forward Bend, Complete with Extension Stem and Expander, without Grips.....\$1.20
This Bar will sell a bicycle, you cannot afford to be without the bar.

HANDLE BAR GRIPS



Per Pair

- Boy Scout, Jr.—7/8 inch, High Grade Fabric, Covered with Black Rubber, Woven Steel Reinforcement, Absolutely Indestructible.....\$0.70

This Grip is built especially for use on bicycles. It has a woven steel reinforcement in the center or relief part of grip, which strengthens the grip at its weakest point. This woven steel reinforcement is pliable and does not take away from the grip any of its resiliency. Absolutely indestructible.

One Pair in a Box.



Per Pair

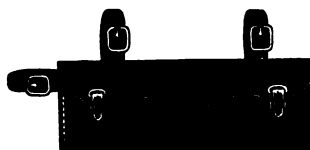
- No. 1—7/8 inch, Wood Core, Stitched Selected Grain Leather Cover, Nickel Plated Ferrule.....\$0.38



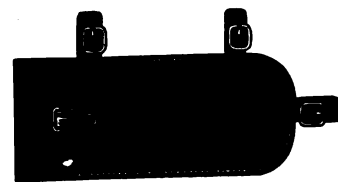
Per Pair

- No. 20—7/8 inch, Hardwood Core, Leather Wound, Stained Cap, Nickel Plated Ferrule.....\$0.19

TOOL BAGS



No. 5G.



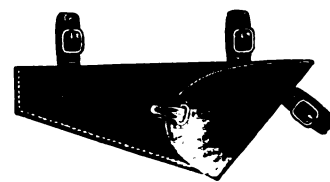
No. 8-S.

Each

- No. 5G—Men's, 7 3/8 inches Long, Round Shape, Grain Leather, Spring Clasps.....\$0.78
No. 8-S—Men's, 8 inches Long, 3 3/4 inches Wide, Flat Shape, Split Leather, Outside Seams, Spring Clasp... .42



No. 20G.



No. 3G.

Each

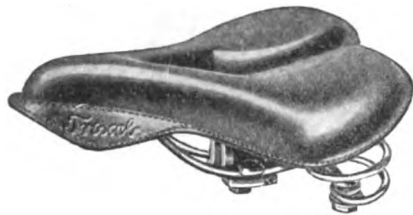
- No. 20G—Men's, 9 inches Long, Triangular Shape, Grain Leather, Spring Clasp.....\$0.80
No. 3G—Ladies', 8 3/4 inches Long, Grain Leather, Spring Clasp, Made to Fit Front Angle of Frame... .78

BICYCLE SADDLES

The material used in the construction of our Saddles is the best that money can purchase. The leather is all selected stock. All stampings are made of the finest cold rolled steel and the springs are made by experienced hands.

JUVENILE

LADIES'



No. 14C2—8 ¼ inches Long, 8 inches Wide, a Short Ladies' Saddle, Heavily Padded, Constructed of Selected Material, No. C2 Spiral Spring.....**\$1.60**

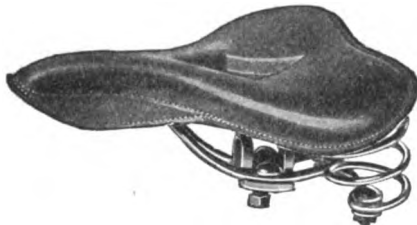


Ladies' Suspension CC—9 ½ inches Long, 8 ½ inches Wide, the Finest Ladies' Saddle Made, Has Large Seating Capacity with Short Nose, Cushion Comfort Spring**\$4.20**

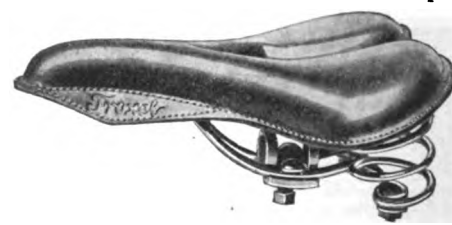


Eagle Juvenile CC—7 ½ inches Long, 6 ½ inches Wide, a Padded Saddle Over a Veneer Wood Base, a Big Favorite and a Good Looker, Cushion Comfort Spring....**\$1.30**

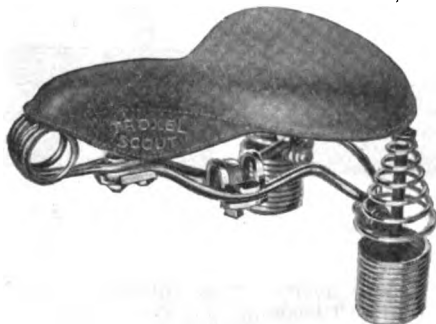
MEN'S



No. 6C2—9 ¼ inches Long, 7 ½ inches Wide, Grain Leather, Padded, a Big Selling Saddle, No. C2 Spiral Spring**\$1.40**



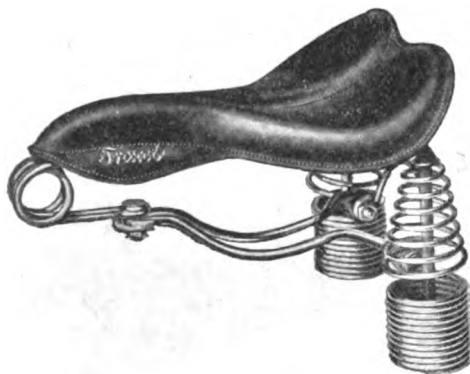
No. 12C2—9 ½ inches Long, 8 inches Wide, a Heavily Padded Saddle for Equipment that Will Stand Hard Usage, No. C2 Spiral Spring.....**\$1.76**



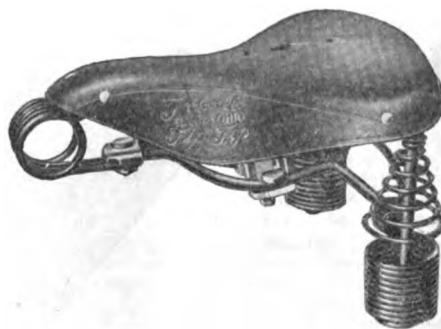
Eagle Scout—9 ½ inches Long, 7 ½ inches Wide, Constructed of Selected Material, Chock Full of Class, a Big Seller, Cushion Comfort Spring.....**\$2.10**



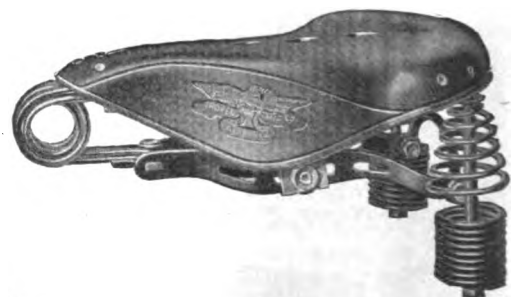
Eagle Easy—10 ½ inches Long, 8 ½ inches Wide, Graceful Design, the Biggest Selling Suspension Saddle on the Market, Cushion Comfort Spring.....**\$4.00**



Star "X"—10 ¼ inches Long, 8 inches Wide, High Back, Constructed of Selected Material Throughout, Cushion Comfort Spring**\$2.50**
An old friend dressed up with the Cushion Comfort Spring Action. The biggest selling saddle made of the wood base type.



Eagle Tip-Top—9 ¾ inches Long, 7 ½ inches Wide, to Fill the Growing Demand for a Small Suspension Saddle, Made of Selected Material, is Just as Good as it Looks, a Great Saddle for Equipments, Cushion Comfort Spring.....**\$2.70**



Eagle Climax—11 ½ inches Long, 9 ½ inches Wide, Very Resilient for Light Weight Riders and Will Not Bottom with the Heaviest Weight Rider, Owing to the New Patented "No Bump" Hinge Spring Action, Cushion Comfort Spring**\$5.80**

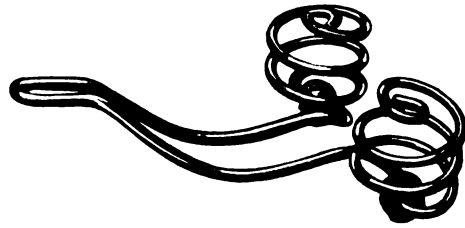
SADDLE SPRINGS

COIL SPRING



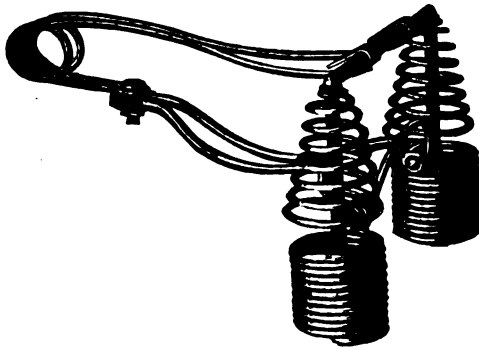
No. B—Can be Attached to Any Ladies' or Gents' Wood Base Bicycle Saddles.....**\$0.20**

SPIRAL SPRING



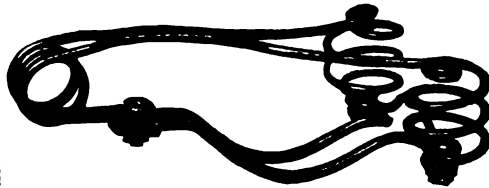
No. C2—Can be Attached to Any Ladies' or Gents' Wood Base Bicycle Saddles.....**\$0.40**

CUSHION COMFORT



Cushion Comfort—Spring Wire, Nickel Plated, Can be Applied to Any Wood Base Saddle, Fastened with Bolts and Nuts**\$1.20**
The Cushion Comfort Spring Will Not Hit Bottom.

NEW UNIVERSAL



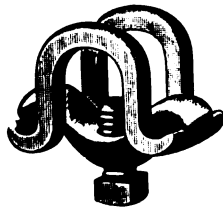
New Universal—Spring Wire, Nickel Plated, Can be Applied to Any Wood Base Saddle, Fastened with Bolts and Nuts...**\$0.60**

ESCO



No. 3—Set of Three Nickel Plated Round Coil Saddle Springs, Complete with all Necessary Bolts, Nuts and Washers, Put Up One Set in a Box.....**\$0.40**

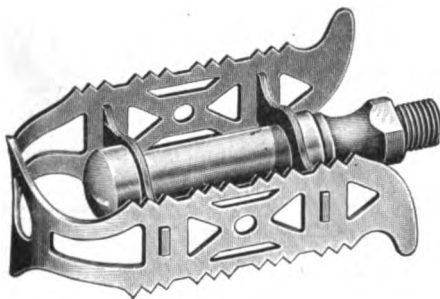
SADDLE CLAMPS



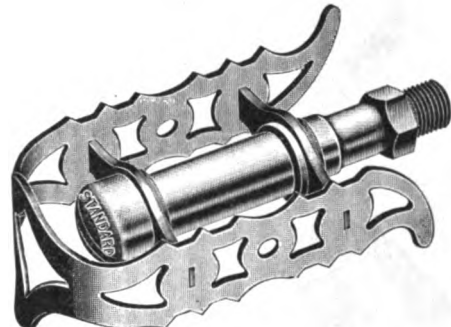
No. 3—Drop Forged Steel, Nickel Plated, for Double Spring Saddles and $\frac{1}{2}$ or $\frac{3}{4}$ inch Seat Posts**\$0.14**

BICYCLE PEDALS

PIRATE



STANDARD



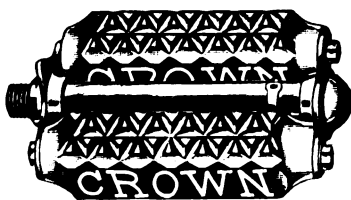
Nickel Plated, Steel Frame, Steel Pin, Ball Bearings at Both Ends.

No. 10—Men's Rat Trap**\$1.00**
No. 20—Men's Combination **1.20**

Nickel Plated, Steel Frame, Steel Pin, Ball Bearings at Both Ends.

No. 40—Men's Rat Trap**\$1.20**
No. 50—Men's Combination **1.40**
No. 60—Ladies' Combination **1.50**

MOTOR PEDALS



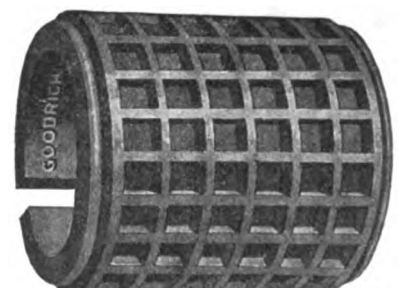
No. 1—Nickel Plated Steel Frame, Ball Bearing Ends, High Grade Rubbers, Forged Steel Pin, Spring Cover, Oil Hole with Spring Cover, Made Extra Strong Throughout.....**\$1.80**

PEDAL RUBBERS



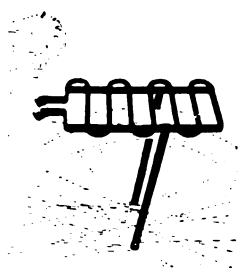
Universal—Fit Any Rat Trap Pedal**\$0.80**

FRAME PROTECTORS

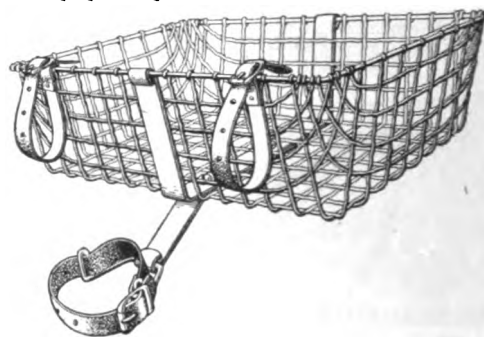


Goodrich—Black Rubber.....**\$0.80**

BICYCLE LUGGAGE CARRIERS

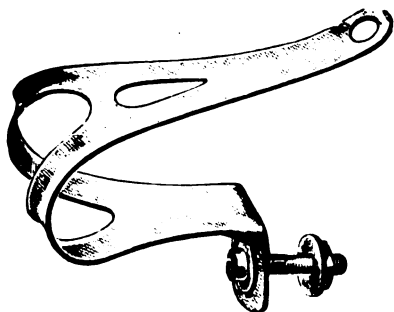


No. 242—15 1/2 x 8 1/2 inches Top Measurement, Electric Welded, Making the Top Practically One Piece of Metal, 1/2 inch No. 12 Flat Steel Frame, 5/8 No. 13 Flat Steel Legs, Made to Fill the Demand for a Good Low Priced Carrier.....**\$0.50** Each

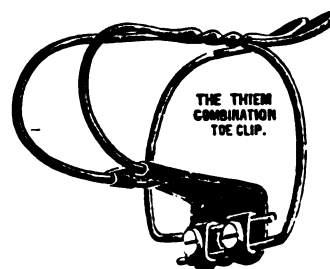


No. 146-1—Androck, 15x10x4 3/4 inches, Heavily Tinned Wire Basket, Strong Leather Straps, Adjustable Steel Brace**\$0.90** Each
The lower brace is adjustable to any length head, so it always carries level. Cannot jar loose.

TOE CLIPS

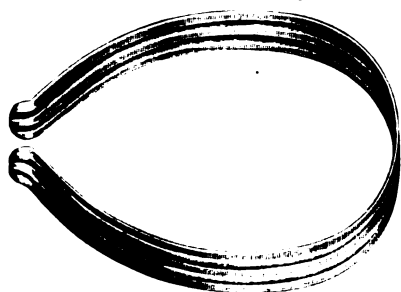


North Star—Spring Steel, Nickel Plated, a Good Substantial Toe Clip, Weight Per Pair 2 1/2 Oz.....**\$1.60** Per Dozen Pairs

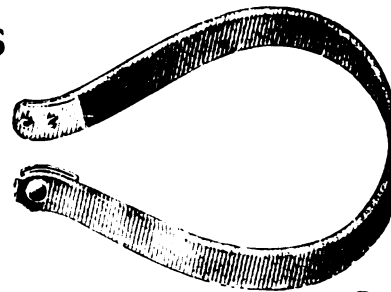


Thiem's—Combination, Nickel Plated Steel Wire, Arched Steel Base, Adjustable to Any Size Shoe, Weight Per Pair 2 Oz.....**\$2.00** Per Dozen Pairs

TROUSER GUARDS

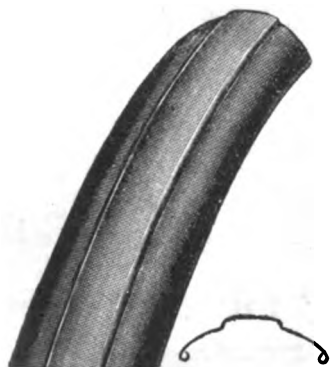


Corrugated—Spring Steel, Enameled.....**\$0.40** Per Dozen Pairs

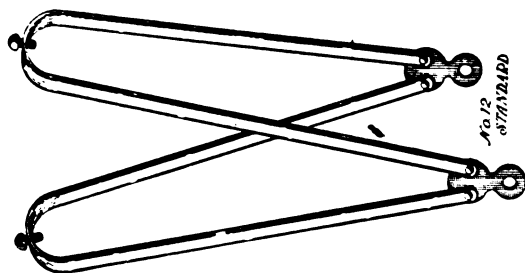


Perfection—Spring Steel, Enameled and Covered with Fast Color Cloth.....**\$1.60** Per Dozen Pairs

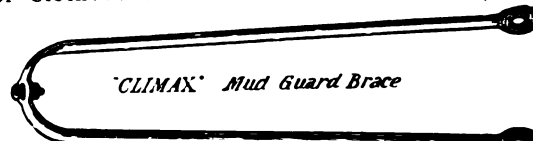
MUD GUARDS



"R. E. C."
Cut Showing Section
of Guard.

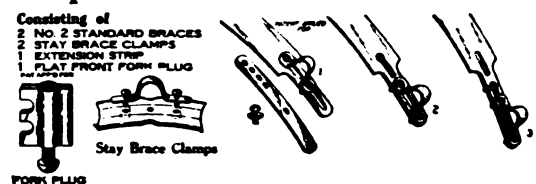


Cut Showing No. 12 Standard
Rear Guard Brace.



Cut Showing Climax Front Guard Brace.

Complete Set of Mud Guard Attachments



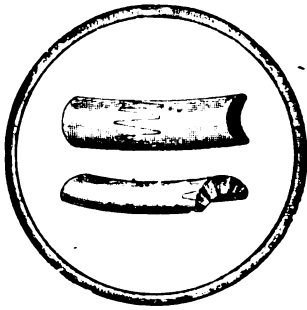
Cut Showing Attachments.

COMPLETE WITH BRACES AND ATTACHMENTS

R. E. C. Set—Consists of One Each Front and Rear Black Enameled Steel Guards with Rolled Edges and Corrugated Center, One Climax Front Cold Rolled Steel Brace and One No. 12 Standard Rear Brace, Two Stay Brace Clamps, One Extension Strip and One Flat Front Fork Plug, this Set of Mud Guards and Attachments May be Attached to Any Size Frame in a Few Minutes with No Other Tool than a Screw Driver**\$0.90** Per Set

Guards Only—One Each Front and Rear.....**.44** Each
Front Brace Only.....**\$0.14** Each
Rear Brace Only.....**\$0.28** Each
Extra Attachments Only—Consisting of Two Stay Brace Clamps, One Extension Strip and One Flat Front Fork Plug.....**.14** Each

TUCKER WOOD RIMS



Drilled, Natural Finish.

	Per Pair
No. 1—Cement, 32 Holes, 28x1 $\frac{5}{8}$ inch.....	\$1.80
No. 2—Cement, 36 Holes, 28x1 $\frac{5}{8}$ inch.....	1.80

These Rims are made from the best grade of maple stock, seasoned, bent and true to size.

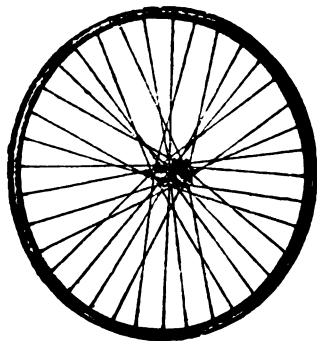
Drilled and Finished.

32 and 36 Holes.

	Per Pair
No. 303—28x1 $\frac{5}{8}$ inch, Black Edges, Red Center, with 2 Fine Stripes of Yellow.....	\$1.96
No. 304—28x1 $\frac{5}{8}$ inch, Red Edges, Black Center, with 2 Fine Stripes of Yellow.....	1.96
No. 308—28x1 $\frac{5}{8}$ inch, Black Edges, Blue Center, with 2 Fine Stripes Yellow on Each Side.....	2.00
No. 310—28x1 $\frac{5}{8}$ inch, Natural Finish, with 1 Fine Stripe Red and Black on Each Side.....	1.96
No. 310 G. & J.—28x1 $\frac{5}{8}$ inch, Natural Finish, with Fine Red and Black Stripes.....	2.50

These Rims are finished in the highest possible finish, ready to put on to wheel, and the quality is the highest possible to build.

BUILT UP WHEELS



AM without Tires, 28x1 $\frac{5}{8}$ inch, High Grade Material and Workmanship, Plain Hubs.

REGULAR

Black Enameled, with Gold Hair Line Stripes.

	Each
No. 1F—Regular, Front	\$2.60
No. 2R—Regular, Rear	3.10
No. 3R—Rear, New Departure Coaster.....	5.90

G. & J.

Rosewood, Satin Finish.

	Each
No. 11F—G. & J., Front.....	\$3.10
No. 12R—G. & J., Rear.....	3.60
Extra for Any of the Above Rear Wheels with New Departure Coaster Brake.....	5.70

Note—Rear Wheels Furnished Regularly with 9 Tooth Sprocket.

BICYCLE CHAINS

DIAMOND



No. 9—Polished, Straw Tempered B Blocks, Blued B Sides, Round Edges, $\frac{1}{8}$ inch Diameter Hard Rivets, 1 inch Pitch.

Width, Inches	$\frac{1}{8}$
Length, Inches	60
Each	\$1.90



No. 71—Polished Straw Tempered Hard Rollers, Hard Steel Bushing, Hard Rivets, Full Polished Blued Sides, 1 inch Pitch.

Width, Inches	$\frac{1}{8}$
Length, Inches	60
Each	\$2.10

CHAIN PARTS



SIDES



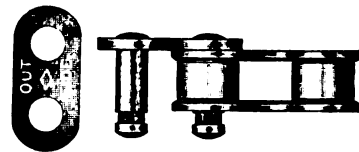
RIVETS



BLOCKS

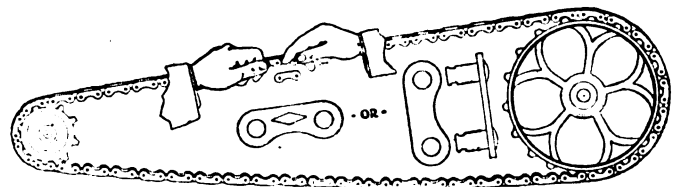
	Per 100
No. 400—Chain Sides, B Pattern.....	\$0.50
No. 301—Rivets, $\frac{1}{8}$ inch Diameter, Hardened, for $\frac{1}{8}$ inch Block Chain.....	.30
No. 508—Blocks, $\frac{1}{8}$ x $\frac{1}{8}$ inch, B Pattern, Hardened, Unpolished	1.40

REPAIR LINKS



	Per Dozen Boxes
No. 6—Repair Link for No. 61 Roller Chain.....	\$1.90
One Dozen in a Box.	

SNAP-ON



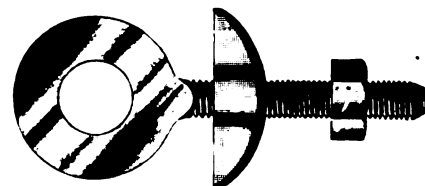
	Per Dozen Boxes
No. 1—Snap-On Repair Link, $\frac{1}{8}$ x $\frac{1}{8}$ inch.....	\$1.50
Two Links in Each Box.	

A simple and effective device. A quick method of adding a link or repairing a break.

To Disconnect—Slacken Chain, grasp on each side of link; draw forward, using thumb as fulcrum, remove side plate with index finger.

To Connect—Force free link back with thumb—hear it snap.

CHAIN ADJUSTERS



	Per Pair
Chain Adjuster—Forged Screw, Nickel Plated.....	\$0.10

HUB AXLES

HARRIS

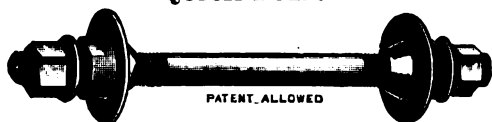


Without Nuts.

Front— $\frac{1}{8}$ x 4 $\frac{1}{2}$ inches, 24 Thread. Per Dozen \$0.50
 Rear— $\frac{3}{8}$ x 6 $\frac{1}{2}$ inches, 24 Thread.60

FRONT AND REAR AXLE SETS

QUICK ACTION

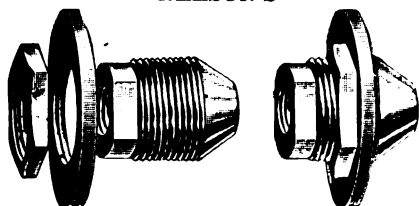


Consists of Two Adjustable Cones, Two Nickel Plated Nuts, Two Nickel Plated Washers and One Axle.

Front— $\frac{1}{8}$ inch Diameter, 4 $\frac{1}{2}$ inches Long, All Complete. \$0.25
 Rear— $\frac{3}{8}$ inch Diameter, 6 $\frac{1}{2}$ inches Long, All Complete. .30

ADJUSTABLE CONES

NELSON'S



$\frac{1}{8}$ inch x 24 and 26 Threads.
 $\frac{3}{8}$ inch x 24 and 26 Threads.

Nelson's Adjustable Cones—All Sizes. Each \$0.30

Adjustable by means of a Washer and Nut which screws over the Cone's Body as shown in the above cut, and may be adjusted to fit any depth of Cup. The Washer is made of soft steel, so it may be turned or filed down to any size required.

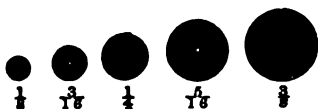
THREADED NUTS



Hexagon, Nickel Plated and Tapped.

Size, Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Threads to the Inch	24	24	24	24	24	24	24
Per Dozen	\$0.40						.50.

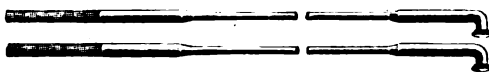
STEEL BALLS



Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Per 100	\$0.18	.20	.24	.36	.64	.90	

Drop forged steel balls, made of crucible steel. Each ball is ground by a special process, and after being rigidly inspected and tested, is gauged to 1/8000 inch.

BICYCLE SPOKES



Swaged Tangent Spokes, Headed, Bent, Threaded and Nickeled, with $\frac{3}{8}$ inch Nipples.

No. 2846—14 Gauge Butt, 16 Gauge Body, 11 $\frac{1}{2}$, 12 or 12 $\frac{1}{8}$ inches Long, for 28 inch Wheel. \$1.90
 Extra Nipples 1.10
 100 in a Box.

NIPPLE WASHERS



Nipple Washers—Polished Steel, Saw Tooth, for Wood Rims Per 1000 \$0.60
 1000 in a Box.

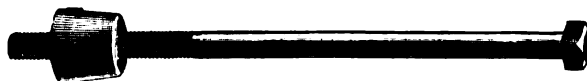
SEAT POSTS

EXPANDER



No. 94—With Expander, $\frac{7}{8}$ inch Diameter. Each \$0.60

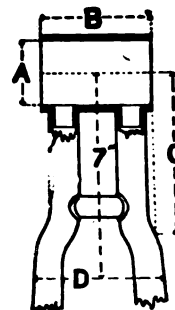
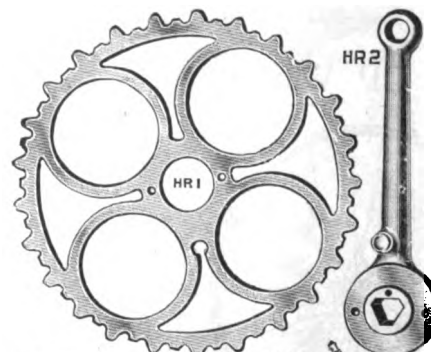
INTERNAL EXPANDERS



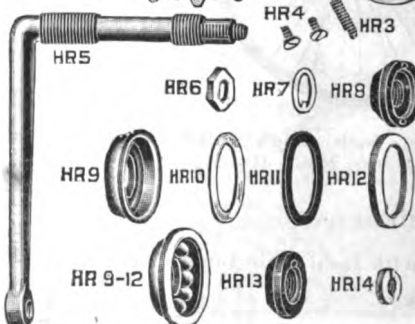
Nickel Plated.

Internal Expander— $\frac{1}{8}$ inch Diameter, 6 inches Long, 24 Thread, with Lug. Per Dozen \$1.20

ADJUSTABLE REPAIR HANGERS



Note—When ordering Repair Hangers always state fully:
 "A"—Diameter of Bracket.
 "B"—Width of Bracket.
 "C"—Size of Sprocket.
 Size of Chain.
 Name of Wheel.



Two Piece Type.

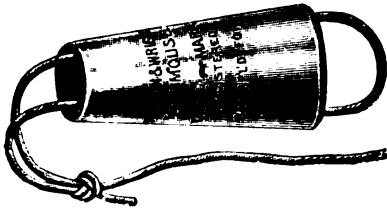
Nickel Plated and Polished, Forged Tempered Steel Cranks, Triangular Fastening. Interchanges with Dish or Flat Sprockets—Straight or Offset Cranks. Fits Any Chain Line. Plenty of Material at Crank Eye. Tool Steel Cones. Dust Proof Cups.

No. 1—With 22, 24 or 26 inch Sprocket to Fit $\frac{1}{8}$ inch Chain, with 1 inch Pitch, Complete with Cones and Cups Each \$4.00

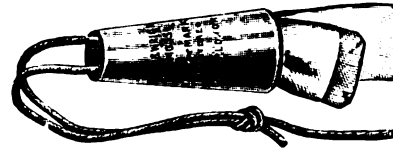
F. O. B. Factory, La Porte, Ind.

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TIRE MOUSE



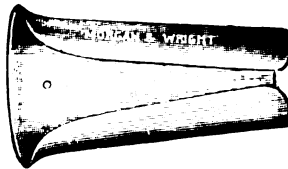
Cut Showing the Mouse Open.



Cut Showing the Mouse Holding End of Inner Tube.

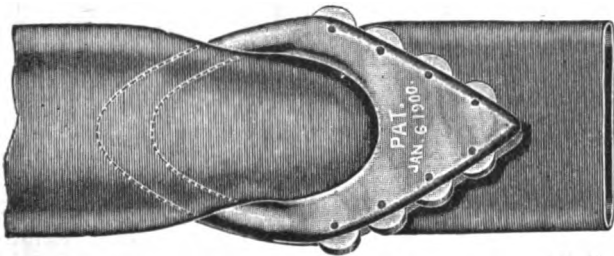
Morgan & Wright—2 inches Long, Cast Iron, Aluminized, with String, for Putting an Inner Tube into an Outer Casing. Each
\$0.45

TUBE HORNS



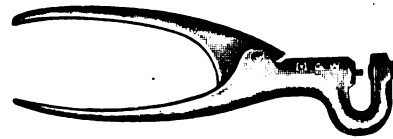
Morgan & Wright—4 inches Long, Stamped Steel, Nickel Plated Each
\$0.12
This tool will save time and annoyance. It is placed in the Opening of the casing, making a smooth passage through which the inner tube may be drawn into the casing.

TIRE SEPARATORS



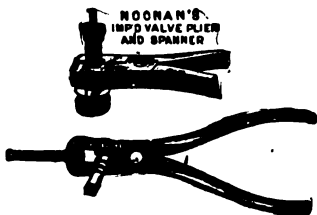
Tire Separator—For Separating Inner Tube from Tire. Each
\$0.20

LACE HOLE PUNCHES



Lace Hole Punch. Each
\$1.70
When the lace holes in tire have been torn, and the tire has been repaired by vulcanizing, new lace holes are needed. This Punch does the work.

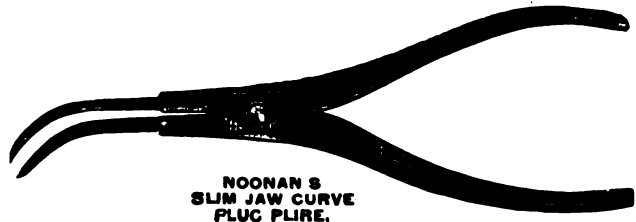
VALVE PLIERS



Noonan's—Black Finish, a Thoroughly Good Tool for Handling Universal or Metal Base Valves. Each
\$0.32

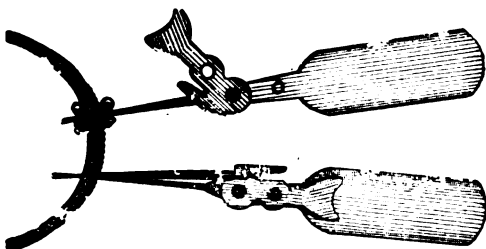
PLUG PLIERS

NOONAN'S CURVED NOSE



Noonan's—6 inches Long, Black Finish, Long and Curved Jaws, Just what is Wanted for Inserting Rubber Plugs Each
\$0.54

REPAIR TOOLS



Wald Repair Tool—Black Japanned. Each
\$0.30

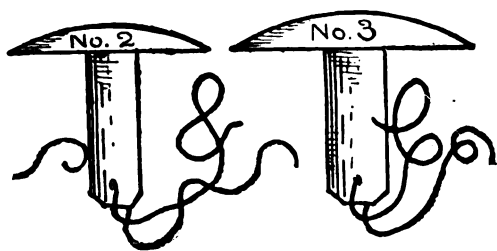
With the use of this tool you can repair your puncture in one minute at a cost of $\frac{1}{4}$ of a cent. By repairing tires this way the puncture in tires remains the same size, while by the old way you are compelled to make the puncture again as large in order to force the plug in. Can also be used for repairing holes in double tube casings to prevent the inner tube from creeping.

HOW TO USE IT.

First get the size of your puncture. Put rubber bands on the tool by stretching them well (see cut). For small puncture use one or two rubber bands, for large punctures three or four bands, according to the size of the hole. When you have your tool filled up with rubber bands, dip it into rubber cement, then insert in the puncture at once; don't wait until the cement dries; release the catch by putting your thumb below and lifting up the catch and withdraw the tool by turning it from side to side; wait a few minutes and your tire is ready to ride.

REPAIR PLUGS

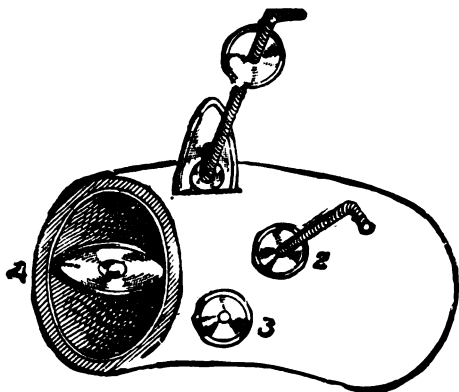
RUBBER



No. 1R—Small Size	Per Dozen	
No. 2R—Medium Size		\$0.24
No. 3R—Large Size .....		.40
		.60

Made of high quality rubber. The best string Plugs on the market.

SAMPSON BRASS



No. 1SB—Small Size	Per Dozen	
No. 2SB—Medium Size		\$1.40
No. 3SB—Large Size		1.40
		1.40

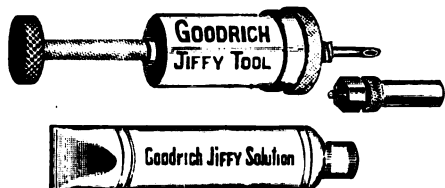
The only Plug which will make a positive and permanent repair in any kind of tires. For Doped Tires, Cheap, Puncture Proof and Good Tires, Garden Hose, Rubber Boots, etc.

SOLUTIONS
GOODRICH JIFFY

No. 2—In 2 1/2 x 1/2 inch Tubes	Per Dozen	
No. 4—In 4 x 1/4 inch Tubes		\$0.60
		1.20

The best known solution for repairing Single Tube Tires.

JIFFY TOOLS



Goodrich—For Single Tube Tires, for Use with Goodrich Jiffy Solution	Per Dozen	
		\$2.40

TIRE FLUID
NEVERLEAK

Neverleak—In 4 Oz. Tubes. Makes Tires Leak Proof. . .	Per Dozen	
A Tube is Enough for One Tire.		\$3.50
One Dozen Tubes in a Box.		

TIRE FLUID ASSORTMENT



Per Assortment

Tip Top—Assortment Consists of One Gross 4 Oz. Tubes "Neverleak" Tire Fluid, Packed in Sawdust in a Case Containing One Display Stand. \$39.00
Note—Assortment will not be broken.

REPAIR OUTFIT

MORGAN & WRIGHT



For Double Tube Tires.

Morgan & Wright—Contains One Tube of Solution, Needle, Tape, Lacing Cord, One Piece Patching Rubber and Sand Paper in Tin Box.	Per Dozen	
		\$1.50

TIRE TAPE

EVERGRIP

Black, 3/4 inch Wide.



No. 1—In 1 Oz. Pkgs.	Per Pound	
No. 2—In 2 Oz. Pkgs.		\$0.60
No. 4—In 4 Oz. Pkgs. . . . .		.60
No. 8—In 8 Oz. Pkgs. . . . .		.60

The rubber compound is thoroughly worked into the cloth. The friction is strong, adhesive and as nearly moisture proof as possible. Put up in very attractive cartons.

Nos. 1, 2 and 4, One Pound in a Carton; No. 8, One-half Pound in a Carton.

SHEET PATCHING RUBBER



Very Highest Quality.

Pure Rubber—In 2 1/2 x 72 inch Rolls.	Per Pound	
		\$5.00

WOOD RIM CEMENT



Tubes, $\frac{3}{4}$ x 4 inches.....	Per Dozen
Tubes, 1 x 4 inches.....	\$0.60
In Our Cement Quality is the First Consideration.	1.20



Bottles, 2 Oz., with Handy Swab for Spreading the Cement	Per Dozen
Cans, $\frac{1}{4}$ Pint	\$ 1.20
Cans, $\frac{1}{2}$ Pint	1.90
Cans, 1 Pint	3.60
Cans, 1 Quart	7.00
	12.00

RUBBER CEMENT



Tubes, $\frac{3}{4}$ x 4 inches	Per Dozen
Tubes, 1 x 4 inches	\$ 0.60
Cans, $\frac{1}{4}$ Pint	1.20
Cans, $\frac{1}{2}$ Pint	1.90
Cans, 1 Pint	3.60
Cans, 1 Quart	7.00
	12.00

CHAIN GRAPHITE

VAN CLEEF'S



No. 7— $\frac{5}{8}$ x 3 inch Sticks, Wrapped in Tin Foil.....	Per Dozen
	\$0.50

BALL BEARING COMPOUND

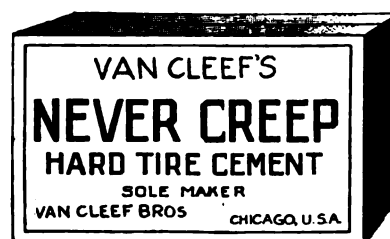
VAN CLEEF'S



1 Oz. Boxes	Per Dozen
This compound stays and lubricates until entirely consumed by friction. Finest lubricant for coaster brakes on the market.	\$0.80

HARD TIRE CEMENT

VAN CLEEF'S NEVER CREEP



1 Lb. Boxes	Each
This is a very elastic, hard cement and guaranteed not to powder up under the tires. Can be used with confidence of getting perfect results.	\$0.60

SOAPSTONE



Finest Quality.

No. 28—In 2x8 inch Cartons Containing 1 Lb.....	Per Pound
	\$0.14

BICYCLE ENAMEL

Black and All Colors Except Blue and Red— $\frac{1}{4}$ Pint Cans.....	Per Dozen
All Shades of Red and Blue— $\frac{1}{4}$ Pint Cans.....	\$2.70
	3.70

For enameling Bicycles, Motorcycles, Bedsteads, Dressers, Desks, Tables, Chairs, Settees, Wicker Work, etc.

Produces the finest enamel finish on anything where the use of enamel is advisable.

Furnished in the following colors: White, Black, Auto Gray, Royal Blue, Olive Green, Brewster Green, Stearns Yellow, Vermilion (Bright Red), and Maroon.



SHELLAC

HOLDFAST



1 Quart Cans	Each
For cementing Tires and Grips. Made from the very best quality shellac and alcohol so treated as to prevent too quick drying.	\$1.32

LUBRICATING OIL



Per Dozen
 No. 2BM—1 ½ Oz. Bottles.....\$1.50
 No. 8BM—½ Pint Bottles..... 4.00
 Many Use Oil lubricates, cleans, polishes and prevents rust.
 No. 2BM, One Dozen; No. 8BM, One-half Dozen in a Box.



MANY USE
 THE REVERSIBLE SPOUT IS IN THE CAN
 SPOUT READY FOR USE
 Per Dozen
 No. 2C—2 Oz. Cans, with Reversible Spouts\$2.00
 No. 4C—4 Oz. Cans, with Reversible Spouts 2.50
 No. 64C—½ Gallon Cans, for Shop Use26.40
 Nos. 2C and 4C, One Dozen; No. 64C, One-twelfth Dozen in a Box.



Per Dozen
 No. 3½C—3 ½ Oz. Flat Tin Oil Can, with Ball Bearing Adjustable Spout\$3.70
 Push spout up and the oil is ready for use. Push down spout and the can is oil tight.
 One Dozen in a Display Stand.

THREE IN ONE



Per Dozen
 No. 1B—1 Oz. Bottles.....\$1.60
 Two Dozen in a Box.
 No. 3B—3 Oz. Bottles..... 3.60
 No. 8B—8 Oz. Bottles..... 8.00
 Nos. 3B and 8B, One Dozen in a Box.
 Three In One Oil lubricates, cleanses, polishes and prevents rust.



Per Dozen
 Handy—3 ½ Oz. Handy Flat Tin Oil Can, with Self-Sealing Spout\$4.00
 Can't leak. Slips easily into any hip pocket.
 One Dozen in a Wooden Box, with Handsome Counter Display Box.

HOME



Per Dozen
 No. 10—1 ½ Oz. Bottles.....\$1.60
 No. 25—3 ½ Oz. Bottles..... 3.60
 No. 50—10 Oz. Bottles..... 8.00
 No. 10, Two Dozen; No. 25, One Dozen; No. 50, One-half Dozen in a Box.

SIGNET



HOME OIL OUTFIT

Per Dozen Outfits
 Home Oil Outfit—Consists of One 3 Oz. Bottle Home Oil, One Oil Can with Long Bent Spout and One 4x1½ inch Best Natural Oil Stone Especially Gotten Out for this Outfit\$4.20

One-half Dozen Outfits in a Counter Display Case.



No. 253.

Signet Oil is a compounded water-white oil, sweet, clean to apply, economical and is useful in countless ways. A scientific rust preventive and the ideal cleaner for all wood, glass and metal surfaces.

Per Dozen
 No. 250—10 Cent Bottle, One Dozen in Counter Display\$1.40
 No. 251—25 Cent Bottle, One Dozen in a Case. 3.40
 No. 252—50 Cent Bottle, One Dozen in a Case. 7.00
 No. 253—25 Cent Can, One Dozen in a Case. 3.60



Nos. 250 to 252.

POCKET OILERS



Per Dozen
 No. 150—One Drop "Never Leak," 3x3 ½ inches, Brass Nickel Plated\$1.75
 The only proper method for oiling fine mechanism. Will not leak.



Per Dozen
 No. 56—Perfect, ¾x4 inches, Nickel Plated, Spring Spout Regulates the Supply, with Cap Over Spout to Prevent Leakage\$4.30

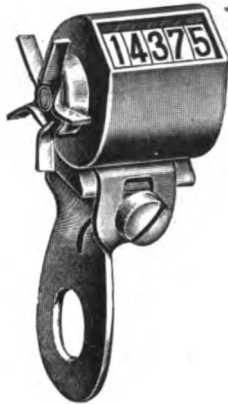
One Dozen in a Box.



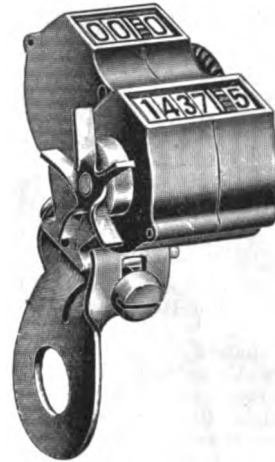
Per Dozen
 No. 55—Vindex, Nickel Plated 1x2 ¼ inch Can, 1 inch Spout. Screw Cap Over Spout Prevents Leakage and Waste of Oil\$1.80

CYCLOMETERS

VEEDER



No. 1—Regular, Nickel Plated, Registers 10,000 Miles and Repeats, for 28 inch Wheels.....\$1.30
Dust and waterproof, and since it has no springs in the mechanism, it cannot skip or register too much. The figures are large and close to the glass. They can be plainly read from the saddle at all times. The crystal is clear, thick and practically unbreakable.



No. 2—Trip, Nickel Plated, Registers 10,000 Miles and Repeats, with Single Trip Dial, for 28 inch Wheel..\$3.00
All the good points in the Regular Cyclometer are embodied in this instrument. It is just like the Regular Cyclometer except that it has another smaller dial added which can be set back to zero at will and which can therefore be used to show the mileage made on each trip.

BICYCLE WHISTLES

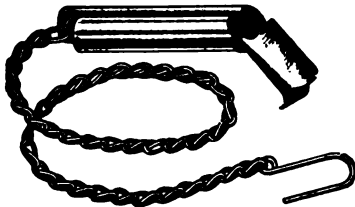


No. 20—Nickel Plated.....\$1.60
When blown it resembles a Water Whistle, as almost any note can be produced upon it. Never fails to attract attention.



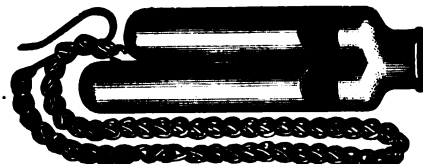
No. 30—Echo Call, Nickel Plated.....\$2.70
One of the loudest Whistles made.

UNIVERSAL



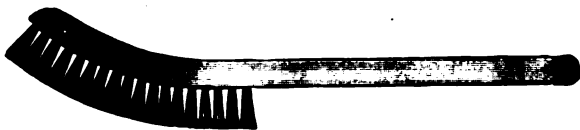
No. 25—Universal, Nickel Plated, with Chain and Hook..\$3.00

DUPLEX



Duplex—Nickel Plated, Light and Convenient, with Chain and Hook.....\$3.00

CHAIN BRUSHES



Hand Chain Brush—8 inches Long.....\$2.00
This Brush is made especially for cleaning bicycle chains.



Automatic Chain Brush.....\$2.00
Per Dozen Pairs
Extra Brushes.....\$1.40
After clamping to chain it needs no attention whatever and keeps chain free from grit, etc.

BICYCLE LOCKS

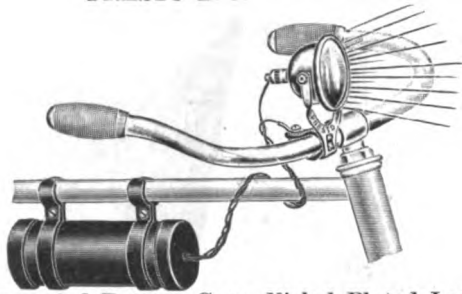


No. 4061—1 1/4 inch, Ivory Black Iron Case, Self-Locking Two Secure Levers, 15 inch Nickel Plated Chain, Two Nickel Plated Flat Steel Keys, All Different in a Dozen.....\$6.00

One-half Dozen in a Box.

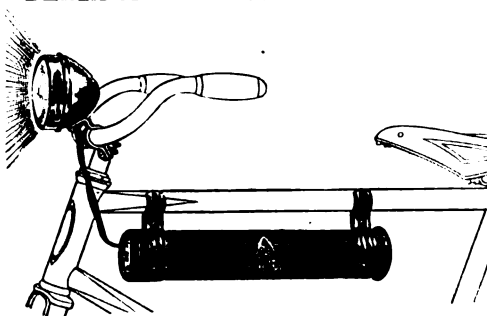
ELECTRIC LIGHTING OUTFITS

PRESTO BICYCLE LAMP



Enameled Battery Case, Nickel Plated Lamp.
Operates on One Regular No. 6 Battery.

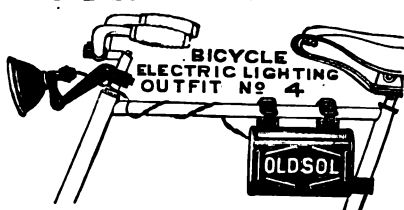
- No. 1050 Outfit—Consists of 2 inch Bull's-Eye Lens Lamp, with 1½ Volt Bulb, Turn Switch, Adjustable Reflector, Rays of Light can be Thrown on Ground in Front of Bicycle, Complete with Clamps for Handle Bars, Weather-proof Wires from Lamp to Battery, all Complete Ready for Attaching, without Battery \$1.50
Each
- No. 550—Extra Bulb \$0.22
- One Outfit in a Box.
DELTA MODEL 1917 BICYCLE LAMP



Head and Battery Case Made from Heavy Steel, Finished in Black Baked Enamel, Operates on Two Regular

- No. 6 Batteries. Per Outfit
- No. 28A—Outfit Consists of 3 inch Lens Lamp with 2.8 Volt Mazda Bulb, Constructed to Exact Focus, No Adjustment Required, Headlight Clamps to Handle Bar, Can be Turned in Any Direction by Means of Swivel Joint, Switch Located on Front End of Battery Case, Complete with Wiring and Connections, without Battery \$2.40
Each
- No. 563—Extra Bulb \$0.22
- New type of tandem battery container can be clamped wherever most convenient—above or below cross bar, below tank or to frame. Wherever attached the strong clamps hold it rigid and prevent swaying. Simple job to connect batteries. Printed directions with each lamp.
One Outfit in a Box.

"OLD SOL" BICYCLE LAMP

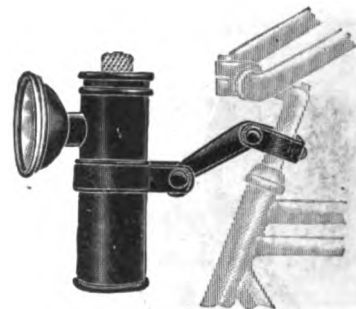


Black Enameled Lamp and Battery Case.
Operates on One or Two Regular No. 6 Battery.

- No. 4 Outfit—Consists of 5 in. Diameter Lamp, Large Attractive Headlight, Silvered Reflector, Copper Terminals Attached to Off and On Switch Plug at Rear of Lamp, Bulb Ediswan Base 2.8 Volt 2 C. P. with High Efficient Tungsten Filament, Battery Box Arranged for Two Dry Cells and Supplied with Strap, with Bracket for Handle Bar and all Necessary Wiring, Etc., without Batteries \$2.00
Each
- No. 558—Extra Bulb \$0.32
- Extra Plugs40
- Extra Brackets40

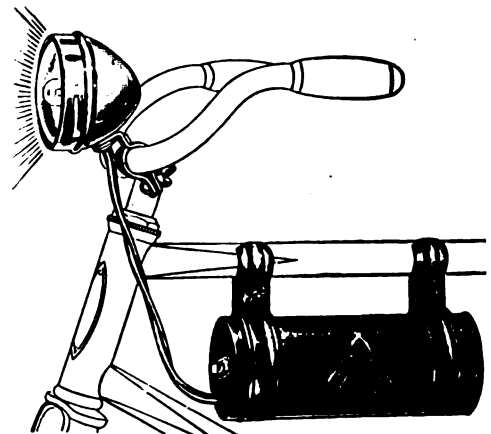
The real sensation of the bicycling world and the long looked for outfit at a price to supply the demand of those who want a classy light electrical system. Takes a regular

OLD SOL BICYCLE LAMP



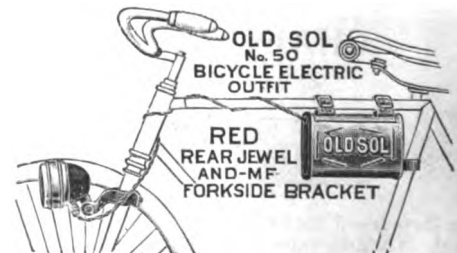
Self Contained—No Wiring.

- Operates on One Regular No. 6 Battery. Each
- No. 180—Large Lens with Nickel Plated and Polished Reflector, Enameled Steel Case, Equipped with Bracket, Uses 2.8 Volt Bulb Miniature Screw Base. Weight 1 1/6 Lbs., without Battery \$1.80
- A wonderful bicycle electric lamp which is patterned in design after the standard acetylene models. May also be used as an Electric Hand Lantern.
- No. 540—Extra Bulb \$0.20
- One in a Box.
DELTA BICYCLE LAMP



- Black Enameled, Nickel Plated Trimmings. Operates on One Regular No. 6 Battery. Per Outfit
- No. 27 Outfit—Consists of Lamp with 3 inch Lens, Extra Heavy Extension Beyond Front of Lamp, Parabolic Curve Reflector Drawn Extra Deep, Made of Special Brass Silver Plated and Polished to a Mirror Finish, Highest Grade Bulb, Complete with Wiring and Connections, without Battery \$2.10
Each
- No. 550—Extra Bulb \$0.22
- This lamp is made of the finest material, handsomely finished and built in the most substantial manner.
One Outfit in a Box.

"OLD SOL" BICYCLE LAMP



Nickel Plated Lamp, Black Enameled Battery Case.
Operates on One or Two Regular No. 6 Battery.

- No. 50 Outfit—Consists of 4 in. Diameter Lamp with Removable Door, Silver Reflector, 2.8 V—2 C. P. Tungsten Globe and 1½ in. Rear Red Jewel, Two-Cell Battery Case, One Each Head and Forkside Brackets, Necessary Wiring, etc., Weight without Batteries 2 Lbs., without Batteries \$3.30
Each
- No. 557—Extra Bulb \$0.32
- Extra Plugs40
- Can be attached to head of bicycle or to fork of motorcycle. Burns 50 to 60 hours intermittent. Has off and on plug switch in base of lamp. Battery box has two top and one rear strap for frame.

BICYCLE LAMPS

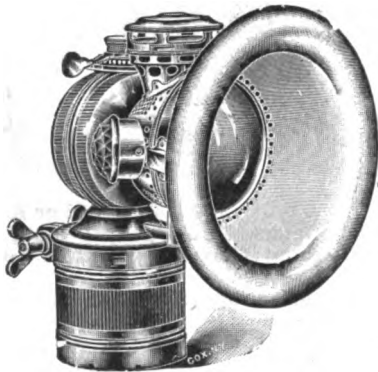
SOLAR GAS



Each
Solar—7 inches High, Brass, Nickel Plated, Removable Aluminum Reflector, 2 1/2 inch Double Convex Front Lens, 1/4 foot Burner, 1 1/2 inch Ruby and Green Jewel Side Lights, Burns 5 to 6 Hours.....\$4.60
Projects an intense white light 100 feet ahead.

MOTORCYCLE OR CARRIAGE LAMPS

20TH CENTURY GAS



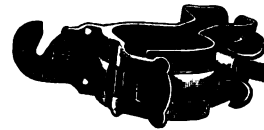
Each
No. 6—7 1/2 inches High, Brass, Nickel Plated, 6 inch Diameter, Extension Reflector, 1/4 foot Burner, Burns 5 to 6 Hours, Gives About 125 Candle Power Light, Jeweled Side Lights, Weight Each 25 Oz., Complete with No. 8 1/2 Bracket.....\$5.30

SOLAR GAS LAMP PARTS

	Each
No. S-B—Screen Tube	\$0.15
No. S-B1—Screen Tube Plate .....	.15
No. S-B2—Carbide Spring .....	.15
No. S-D—Rubber Washer .....	.07
No. S-C—Washer Plate .....	.07
No. S-C1—Washer Plate Nut .....	.07
No. E—Fibre Wick .....	.07
No. F—Wick Tube Cap .....	.07
No. F1—Wick Tube .....	.15
No. S-G—Water Valve .....	.60
No. S-G1—Water Valve Washer and Nut .....	.07
No. H—Filler Cap .....	.15
No. H1—Filler Cap Washer .....	.03
No. I—Tip Holder .....	.15
No. J—Tip .....	.15
No. S-K—Ratchet Screw Bolt .....	.22
No. L—Reflector .....	.15
No. M—Jewel, Red or Green .....	.22
No. M1—Lens Door .....	.30
No. M2—Lens .....	.38
No. M3—Lens Wire .....	.07
No. S-N—Bracket Complete .....	.88
No. SO—Bracket Side, R. H. ....	.22
No. SO1—Bracket Side, L. H. ....	.22
No. SP—Clamp Screw Bolt .....	.22
No. SQ—Clamp Thumb Screw Nut .....	.07
No. SR—Carbide Tank .....	.60
No. SS—Ratchet Screw Thumb Nut .....	.06
No. T—Pivot Bolt .....	.15
No. U—Pivot Bolt Nut .....	.07
No. SV—Ratchet Arm .....	.22
No. W—Bracket Lining .....	.07

Note—When ordering parts always state if number is taken from 1910, 1911, 1912, 1913, 1914 or 1915 List.

LAMP BRACKETS



Each
No. 1—For Head or Fork Side.....\$0.50



Each
No. 8 1/2—Adjustable to Top or Either Side of Dashboard.....\$1.50

UNION CARBIDE



Per Dozen Cans
No. 2 —1/2 inch, for Bicycle Lamps, in 2 Lb. Cans.....\$ 3.60
No. 10 1/2 —1/2 inch, for Bicycle Lamps, in 10 Lb. Cans..... 15.60
No. 10 —1 inch, for Automobile Lamps, in 10 Lb. Cans..... 15.60

Per Drum
No. 100—Automobile Carbide, in 100 Lb. Drums; a Special Selected Union Carbide for Use in Automobile Generators.....\$7.50

Per Dozen Cans
No. 2M—Miner's Lamp Carbide, in 2 Lb. Cans.....\$3.60

Per Drum
No. 100M —Miner's Lamp Carbide, in 100 Lb. Drums.....\$7.50
No. 100H3 1/2 —3 1/2 x 2 inch Lamp, House Lighting, in 100 Lb. Drums.. 7.50
No. 100H2 —2 x 1/2 inch Egg, House Lighting, in 100 Lb. Drums.. 7.50
No. 100H1 1/4 —1 1/4 x 3/8 inch Nut, House Lighting, in 100 Lb. Drums... 7.50
No. 100H 1/4 —1/4 x 12 inch Quarter, House Lighting, in 100 Lb. Drums.. 7.50

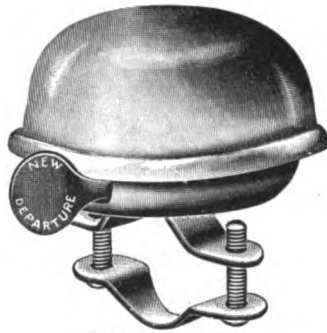
Nos. 2 and 2M, Two Dozen; Nos. 10 and 10 1/2, One-half Dozen in a Box.



BICYCLE BELLS



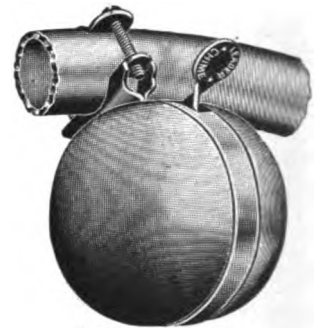
Boy Scout.



Leader Plain.



No. 10 Cuckoo Chime.



Leader Chime.

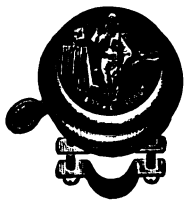
Boy Scout—2 1/2 inch Special Steel Gong, Rotary Electric Mechanism, Nickel Plated, Flat Top, Picture Accurately Displayed in Brilliant Enamels, has a Fine Tone, Screw Clamp.....\$4.00
Leader Plain—2 1/4 inch Wrought Steel Gong, Rotary Electric Mechanism, Nickel Plated, Screw Clamp.. 3.00

One Bell in a Box; One Dozen in a Carton.

No. 10—Cuckoo Chime, 2 1/2 inch Gong, Double Stroke Action, Gives a Loud Harmonious Tone, Full Nickel Plated, Screw Clamp.....\$5.00
Leader Chime—2 1/2 inch Wrought Metal Gongs, Continuous Alarm, Full Nickel Plated, a Loud, Clear Chime Bell, Screw Clamp..... 7.50

One Bell in a Box; One Dozen in a Carton.

MASCOT ASSORTMENT



Boy Scout.



Pocahontas.



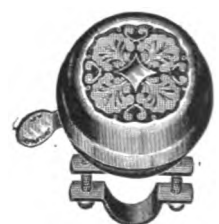
Horse.



Dog.



Grecian.



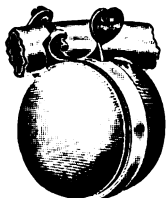
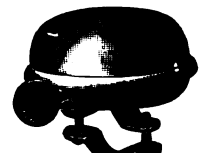
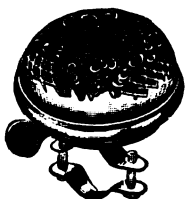
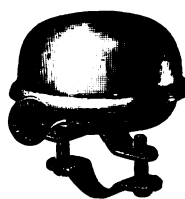
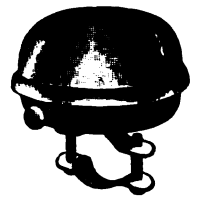
Scroll.

Mascot Assortment—Consists of One Dozen Assorted Bells with 2 1/2 inch Flat Top Gongs, Two Each of the Following, Mascot Designs, Boy Scout, Pocahontas, Horse, Dog, Grecian and Scroll, as Illustrated Above, Nickel Plated and Decorated in Brilliant Colors.....\$4.50

The Gongs of the Mascot Assortment are steel and electrically welded to the hub of the bell. The tone is therefore, unusually pure and free from clatter.

Each Bell in Individual Box in a Container.

CHIME ASSORTMENT

No. 35C.
2 1/4 inches.Leader Scorchers.
2 1/4 inches.Leader Chime.
2 1/2 inches.No. 332 1/2 B.
2 1/2 inches.No. 312 1/2.
2 1/2 inches.Leader Fancy.
2 1/2 inches.Serpent Design.
2 3/8 inches.No. 433.
2 1/4 inches.Leader Plain.
2 1/4 inches.Leader Plain.
2 1/2 inches.

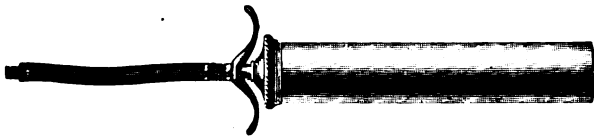
Chime Assortment—Consists of One Dozen Assorted Bells, One No. 35C Multiple Tone, 2 1/4 inches; One Leader Scorchers, 2 1/4 inches; One Leader Chime, 2 1/2 inches; One No. 332 1/2 B Metal Bell, 2 1/2 inches; One No. 312 1/2 Metal Bell, 2 1/2 inches; One Leader Fancy, 2 1/2 inches; One Serpent Design, 2 3/8 inches; One No. 433 Bell Metal, 2 1/4 inches; Three Leader Plain, 2 1/4 inches; One Leader Plain, 2 1/2 inches, as Illustrated Above, Nickel Plated and Handsomely Finished.....\$6.50

The Chime Assortment consists of the ten best sellers in the New Departure line. Three of these are multiple stroke chime bells. The line also comprises push button as well as rotary lever bells.

Don't Forget that Bells on this Page are the Best Sellers.

BICYCLE PUMPS

HAND



No. 1— $\frac{7}{8}$ x $\frac{1}{2}$ inch Seamless Brass Cylinder, Nickel Plated, with Rubber Connection.....**\$0.22** Each

FOOT



No. 5— $1\frac{1}{4}$ x12 inch Seamless Steel Barrel, Nickel Plated Strap Base, with 12 inch Connection.....**\$0.50** Each

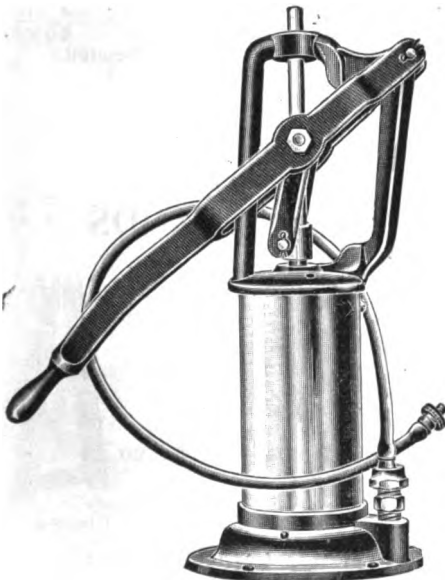
FOOT



No. 30— $1\frac{1}{4}$ x18 inch Seamless Brass Barrel, Nickel Plated, Cast Base, with 18 inch Connection.....**\$1.20** Each

BICYCLE PUMPS

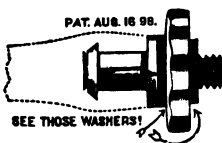
SHOP



No. 15—3x6 inch Brass Cylinder, Nickel Plated, Japanned Iron Frame and Base.....**\$7.40** Each

A very powerful Pump. The leverage is so constructed that the force of the stroke increases as the resistance increases. It is not only a Bicycle Pump, but can be used in any capacity for air pumping where a high pressure is required.

PUMP HOSE COUPLINGS



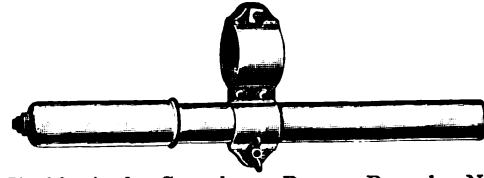
Acme.



No. 1 Keno.

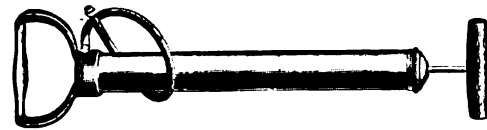
Acme—Fits M. & W. and Schrader Valves.....**\$0.08** Each
No. 1—Keno, Steel Threaded Part, Indestructible, the Best Connection Made.....**\$0.20**

TELESCOPE FRAME



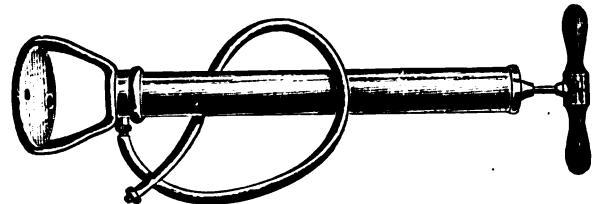
No. 35— $\frac{7}{8}$ x10 inch Seamless Brass Barrel, Nickel Plated, Telescoping Handle, with Special Clip to Hold it on Bicycle Frame.....**\$0.70** Each
Extra Connections **.16**

FOOT



No. 215— $1\frac{1}{4}$ x12 inch Seamless Brass Barrel, Nickel Plated, Cast Base, with 12 inch Connection.....**\$0.58** Each

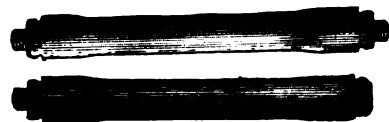
FLOOR



No. 102— $1\frac{1}{2}$ x20 inch Seamless Steel Barrel, Highly Polished and Nickel Plated, Heavy Cast Base, with 18 inch Connection and Check Valve, Height Over All 25 inches**\$2.20** Each

PUMP CONNECTIONS

HAND



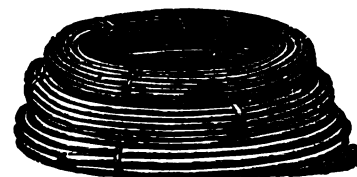
No. 1.....**No. 1.**
No. 2.....**No. 2.**
Per Dozen
No. 1—With 2 Outside Nipples**\$0.66**
No. 2—With 1 Outside and 1 Inside Nipple.....**.66**

FOOT



Per Dozen
No. 12—12 inches Long, with Swivel and Pump Nipple..**\$1.90**
No. 18—18 inches Long, with Swivel and Pump Nipple. **3.00**

PUMP HOSE



Per Foot
Pump Hose— $\frac{1}{8}$ inch Hole, Outside Diameter $\frac{3}{4}$ inch, Black, in 12 foot Lengths.....**\$0.12**

PUMP HOSE NIPPLES



No. 100.



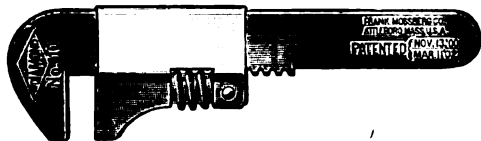
No. 101.

Per Dozen
No. 100—Hand Pump Hose Nipple.....**\$0.60**
No. 101—Hand Pump Hose Nipple.....**.60**

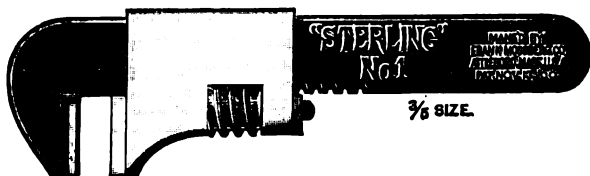
BICYCLE WRENCHES



No. F1—5 inches Long, Opens $1\frac{1}{4}$ inches, $\frac{1}{8}$ inch Jaws, Case Hardened, Dull Nickel Finish, Weight Each $4\frac{1}{2}$ Oz. Per Dozen \$1.70



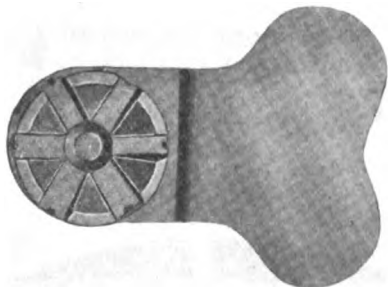
No. 10—Diamond, 5 inches Long, Opens $1\frac{1}{4}$ inches, Case Hardened, Nickel Plated, Weight Each $4\frac{1}{2}$ Oz. Per Dozen \$3.20



No. 1—Sterling, 5 inches Long, Opens $1\frac{1}{4}$ inches, Thoroughly Case Hardened, Nickel Plated, Weight Each $4\frac{1}{2}$ Oz. Per Dozen \$4.00

NIPPLE WRENCHES

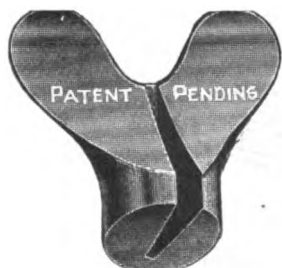
QUICK ACTION



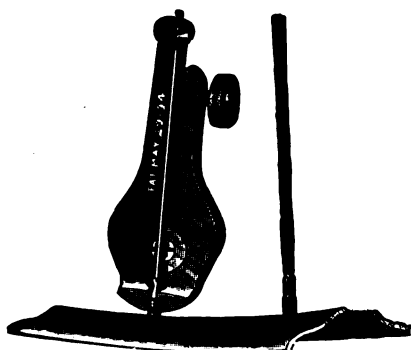
Quick Action—Nickel Plated. Each \$0.12
The quickest and handiest grip on the market. Fits all sizes of Nipples.

CLIFFORD

PERFECT



Clifford.



Nos. 1 and 2.

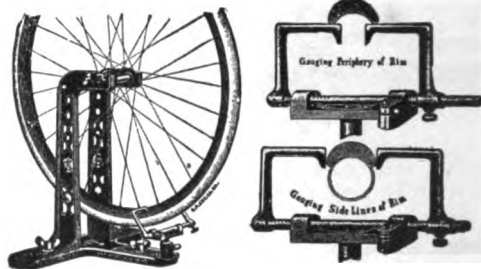
Clifford—Nickel Plated, Fits Any Nipple. Each \$0.14

PERFECT NICKEL PLATED, FITS ANY NIPPLE

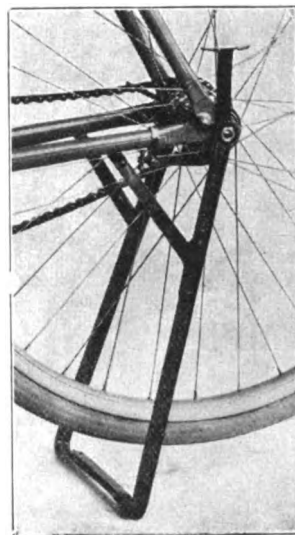
No. 1—3 inches, Weight Each 2 Oz. Each \$0.70
No. 2— $3\frac{1}{2}$ inches, Weight Each 4 Oz.80

TRUING STANDS

DUDLEY'S BENCH



Dudley's—A Practical Device to Repair and True up a Bicycle Wheel, it Bears so Many Points of Excellence that it Has Proven Itself a Complete and Perfect Wheel Repair Stand. Each \$8.00



Cut Showing Stand in Use.

BICYCLE STANDS

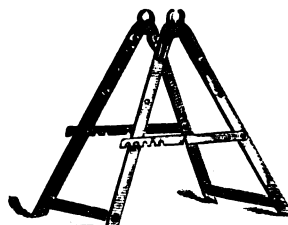
NEW QUICK ACTION

New Quick Action—Made of Drop Forged Steel Channel, Black Japanned. Each \$0.80

This Stand can be fitted in two minutes to any bicycle whether with mud guards or not. Raised or lowered with the foot. The latch is always clean and does not soil the shoes. No drilling of holes, no tools but a wrench needed.

BICYCLE DISPLAY STANDS

MYERS'



Ready for Use.

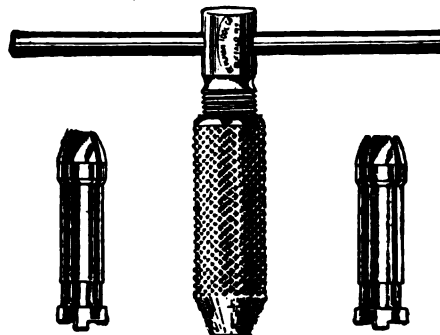
Myers'—Heavy Spring Steel, Aluminum Finish, Fits Any Wheel, Allows the Purchaser to Mount the Wheel and Try It. Each \$1.20



Closed.

TAP WRENCHES

2-IN-ONE



2-in-1—High Carbon Spring Tool Steel Collets, Holds Drills $\frac{1}{8}$ to $\frac{1}{4}$ inch and Taps $\frac{1}{8}$ to $\frac{3}{8}$ inch. Each \$0.80
One in a Box.

DEPARTMENT NO. 14

STORE FURNITURE AND FIXTURES

FIRE PROOF SAFES AND VAULTS

STORE LADDERS, STORE SHELF BRACKETS,
SHOW CASES, WIRE CLOTH RACKS,* MONEY
DRAWERS, FARMING TOOL BRACKETS, STOVE
AND WAREHOUSE TRUCKS, OIL AND GASOLINE
TANKS

Wm. Frankfurth Hardware Co.
MILWAUKEE

VICTOR SEMI-3 SAFES



No. Semi-3.

A Large and Roomy Fireproof Safe at a Moderate Price.

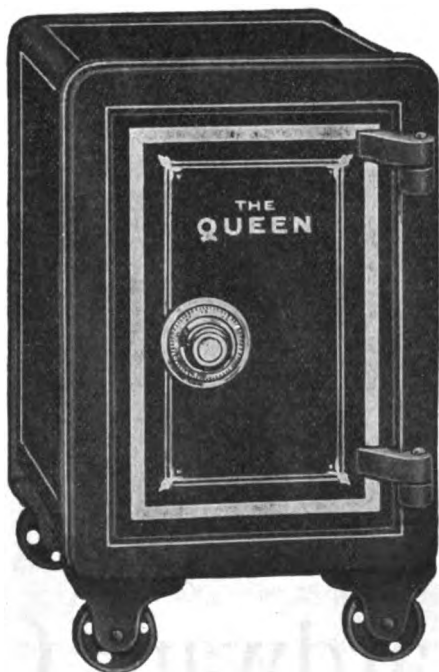
**Bolts Operated with Combination Lock.
Finished in Beautiful Black.**

No. Semi-3—Outside Dimensions, 29 inches High, 18 inches Wide, 19 ½ inches Deep, Inside 17 ½ inches High, 12 ½ inches Wide, 13 ¼ inches Deep, Weight About 350 Lbs.....\$40.00

Large side book space, two paper spaces, one drawer with lock and two keys, one small drawer.

QUEEN SAFES

A Family Safe that is Fireproof.



No 1 Closed.



No. 1 Open.

Three Tumbler, Non-Pickable Combination Lock.

No. 1—Outside Dimensions, 16 ½ inches High, 10 ¼ inches Wide, 14 inches Deep, Inside, 10 inches High, 6 ¾ inches Wide, 8 inches Deep, Weight About 100 Lbs.....\$20.00

VICTOR FIRE-PROOF SAFES



No. 2.

Three-Tumbler Non-Pickable Combination Lock.

Each

No. 2—Outside Dimensions 21½ inches High, 13½ inches Wide, 16 inches Deep, Inside 11½ inches High, 7½ inches Wide, 8½ inches Deep, Weight About 225 Lbs. \$30.00

Sub-treasury, 4x4x7, with duplicate flat keys. One drawer and book space, 11x3½x8½. In addition to furnishing ample room for papers, it will take in with ease several books, 11 inches high by 7 inches wide.

This No. 2 Safe is our great Farmers' and Household Safe. Thousands are now being sold in every part of the world. We have fully awakened the farmers and housekeepers to a realization of their needs, and have brought out this size especially to meet their requirements.

Each

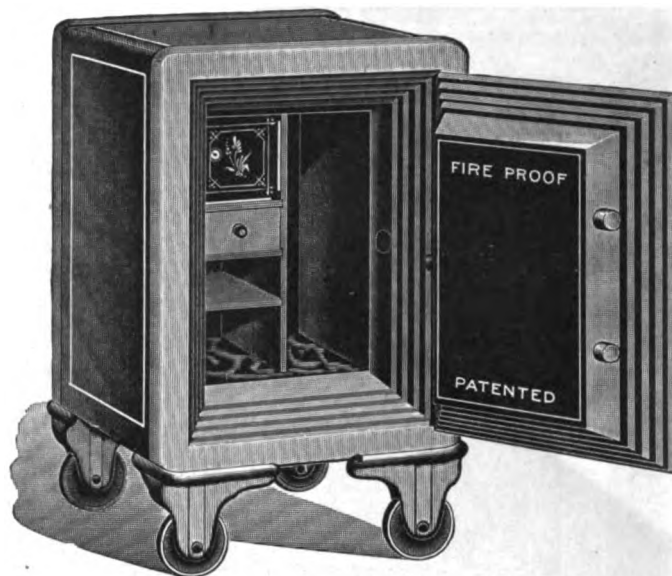
No. 2½—Outside Dimensions, 26½ inches High, 16½ inches Wide, 18½ inches Deep, Inside, 13 inches High, 9 inches Wide, 10 inches Deep, Weight About 400 Lbs. \$35.00

Sub-treasury 5x5x9, with duplicate flat keys. Drawer and pigeon hole under sub-treasury. Book space, 12½x3½x10.



No. 4½.

Note—We make no charge for lettering names on safes when so ordered. We letter the name on the space above the door when requested in order. Send name in print if possible.



Nos. 3 and 3½.

Four-Tumbler Non-Pickable Combination Lock.

Each

No. 3—Outside Dimensions, 29 inches High, 18 inches Wide, 19½ inches Deep, Inside, 15 inches High, 10 inches Wide, 10 inches Deep, Weight About 500 Lbs. \$40.00

Sub-treasury, 5x5x8, with duplicate flat keys and metal cash tray. Drawer and two pigeon holes under sub-treasury. Book space, 15x4½x10.

This safe is one of our leaders. It gives to the professional man ample capacity, not only for books and papers, but for instruments. It is sufficiently roomy for quite a large business, holding ledger, journal and cash book of standard size, with room for other small books. Sub-treasury, drawers and pigeon holes furnish more room for money, papers, etc., than is really necessary to an ordinary business.

We also recommend No. 3 for household use. Purchasers are fully justified in paying the slight difference in price over the smaller sizes.

Each

No. 3½—Outside Dimensions, 31 inches High, 20 inches Wide, 22 inches Deep, Inside, 17 inches High, 12 inches Wide, 12 inches Deep, Wt. About 600 Lbs. \$50.00

Sub-treasury, 5x5x8, with duplicate flat keys. Drawer and two pigeon holes under sub-treasury. Book space, 17x6½x12.

This safe is well suited to the wants of merchants and dealers whose requirements are limited. It will receive a large set of books of standard sizes, and the drawer and pigeon holes are ample in size. We guarantee it will give satisfaction in every respect.

Four-Tumbler Non-Pickable Combination Lock.

Each

No. 4—Outside Dimensions, 33 inches High, 22 inches Wide, 24 inches Deep, Inside, 19 inches High, 13½ inches Wide, 13 inches Deep, Weight About 700 Lbs. \$60.00

Sub-treasury, 5x6x9, with duplicate flat keys and metal cash tray. Drawer and two pigeon holes under sub-treasury. Book space, 19x8½x13.

Special inside Bessemer Steel door covering entire front of safe, with duplicate flat key lock. This is our great postal service, express and railroad safe; also county official safe. We reach an excellent class of business men with No. 4½. Many offices requiring a large safe capacity are now adopting the plan of providing each desk with our No. 3 or No. 4½ safe for special books, papers, etc., belonging to it.

Each

No. 4½—Outside Dimensions, 36 inches High, 24 inches Wide, 24½ inches Deep, Inside, 20 inches High, 14½ inches Wide, 13 inches Deep, Weight About 900 Lbs. \$75.00

Special inside Bessemer steel door covering entire front of safe, with duplicate flat key lock.

Sub-treasury 5x6x9, with duplicate flat keys and metal cash tray.

Two knob drawers and two pigeon holes. Small book space, 8 inches high, 5 inches wide, 13 inches deep.

Large book space, 17 inches high, 9½ inches wide, and 13 inches deep.

This safe is one of our most popular sizes, weighing about nine hundred pounds and being large enough for almost any kind of ordinary business.

VICTOR FIRE-PROOF SAFES



No. 5.

Four-Tumbler Non-Pickable Combination Lock.

Each

No. 5—Outside Dimensions, 40 inches High, 26 inches Wide, 26 ½ inches Deep, Inside 22 inches High, 15 inches Wide, 13 inches Deep, Weight About 1200 Lbs. \$90.00

Sub-treasury, 6x5x9, with duplicate flat keys and metal cash tray. One knob drawer and one lock drawer under sub-treasury. Two pigeon holes. Two book spaces, 19x9 ½ x13 and 10x5x13 inches.

Special inside Bessemer steel door covering entire front of safe, with duplicate flat key lock. It is a most desirable safe for general use. We have, however, arranged it especially for Township and County offices.

Each

No. 6—Outside Dimensions, 44 inches High, 27 inches Wide, 28 ½ inches Deep, Inside, 25 ½ inches High, 16 inches Wide, 13 inches Deep, Weight About 1500 Lbs. ... \$110.00

Heavy inside Bessemer steel door covering full front of safe, flat key lock, duplicate keys.

Arrangement of Interior Cabinet Work.

One large iron sub-treasury, with cash tray and duplicate keys.

One large drawer with lock and keys.

Two drawers without locks.

Two ample pigeon holes for papers.

One book space 15 ½ inches high. One book space 19 inches high.

Merchants requiring safes to accommodate and protect various Account Register Systems will find ample capacity in our Nos. 4, 4 ½, 5 and 6, by having us make minor alterations in arrangement of cabinet.

Four-Tumbler Non-Pickable Combination Lock.

Each

No. 7—Outside Dimensions, 46 inches High, 29 ½ inches Wide, 29 ½ inches Deep, Inside, 28 inches High, 18 inches Wide, 13 inches Deep, Weight About 1700 Lbs. \$150.00

Heavy inside Bessemer steel door, with duplicate flat key lock.

Arrangement of Interior Cabinet Work.

Four ample pigeon holes at top. Four 5 inch pigeon holes.

Four 6 inch drawers, hardwood fronts. Sub-treasury 5x6x10 inches, with duplicate keys and metal tray.

Two book spaces 16x5 ½ x13 inches. One space 6x6x13 inches.

Each

No. 8—Outside Dimensions 48 inches High, 31 inches Wide, 30 ½ inches Deep, Inside, 29 ½ inches High, 20 inches Wide, 14 inches Deep, Weight About 1800 Lbs. \$180.00

Heavy inside Bessemer steel door with duplicate flat key lock.

Arrangement of Interior Cabinet Work.

Eight large pigeon holes as shown in illustration.

Three large drawers with hardwood fronts.

Two iron sub-treasuries, 5x6x12 inches, with duplicate keys and metal cash trays.

Two book spaces 18x6x14 inches. One space 10x6x14 inches.



No. 7.

VICTOR FIRE-PROOF SAFES



No. 36.

Four-Tumbler Non-Pickable Combination Lock.

Each

No. 36—Outside Dimensions, 53 inches High, 24 inches Wide, 28 inches Deep, Inside, 36 inches High, 14 inches Wide, 14 inches Deep, Weight 1500 Lbs.....\$165.00
Heavy inside Bessemer steel door, with duplicate flat key lock.

Arrangement of Interior Cabinet Work.

One large book space 19x14x14 inches.
One smaller book space 16½x8½x14 inches.
Sub-treasury 6x5 inches, with duplicate keys and metal tray.
Two pigeon holes. One lock-drawer. One knob drawer.

Each

No. 42—Outside Dimensions, 60 inches High, 28½ inches Wide, 30 inches Deep, Inside, 41¾ inches High, 16¾ inches Wide, 15 inches Deep, Weight About 2000 Lbs.....\$200.00
Heavy inside Bessemer steel door, with duplicate flat key lock.

Arrangement of Interior Cabinet Work.

One large book space, 19x17x15 inches.
One horizontal book space, 5½x17x15 inches.
One large book space, 16x11½x15 inches.
Sub-treasury 6x5 inches, with duplicate keys and metal tray.
Two Pigeon holes. One lock drawer. One knob drawer.

Each

No. 48—Outside Dimensions, 69½ inches High, 33 inches Wide, 31½ inches Deep, Inside, 48 inches High, 20 inches Wide, 16 inches Deep, Weight About 2600 Lbs.....\$230.00
Heavy inside Bessemer steel door, with duplicate flat key lock.

Iron sub-treasury 7x6 inches, with duplicate keys and metal cash tray.

One large book space 19x20 inches. One large book space 18x13 inches.

One horizontal book space 5½x20 inches. Three lock drawers 3½x6 inches. Four pigeon holes 4x4¾ inches.

Four-Tumbler Non-Pickable Combination Lock.

(Separate Handle and Dial.)

Each

No. 9—Outside Dimensions, 39 inches High, 32¼ inches Wide, 29 inches Deep, Inside, 21½ inches High, 21½ inches Wide, 15 inches Deep, Weight About 1600 Lbs.....\$130.00

Heavy inside Bessemer steel door with duplicate flat key lock.

Iron sub-treasury, two lock drawers, four pigeon holes.

Two book spaces 18 inches high, 7½ inches wide, 15 inches deep.

Note—We make no charge for lettering name on safes when so ordered. We letter the name on the space above the door when requested in order.

Send name in print if possible.



No. 9.

VICTOR FIRE-PROOF SAFES



No. 11.

Four-Tumbler Non-Pickable Combination Lock.

No. 10—Outside Dimensions, 55 ½ inches High, 34 ½ inches Wide, 31 ½ inches Deep, Inside, 34 inches High, 22 inches Wide, 14 inches Deep, Weight About 2400 Lbs. \$240.00

Heavy inside Bessemer steel doors, with duplicate flat key lock.

Iron sub-treasury 7x6 inches, with duplicate keys and metal cash tray.

Two book spaces, 19x7 ¼ inches. One book space, 12x6 inches. Two book spaces, 10x3 ½ inches. Eleven pigeon holes. One lock drawer. Two knob drawers.

No. 11—Outside Dimensions, 56 inches High, 35 inches Wide, 31 inches Deep, Inside, 34 inches High, 22 inches Wide, 14 inches Deep, Weight About 2800 Lbs. \$240.00

Heavy inside Bessemer steel doors, with flat key lock, duplicate keys.

Iron sub-treasury, 7x6 inches, with duplicate keys and metal cash tray.

Two book spaces, 19x7 ¼ inches. One book space, 12x6 inches. Two book spaces, 10x3 ½ inches. Eleven pigeon holes. One lock drawer. Two knob drawers.

Four-Tumbler Non-Pickable Combination Lock.

No. 15—Outside Dimensions, 52 inches High, 38 ½ inches Wide, 31 ½ inches Deep, Inside, 28 ½ inches High, 24 ½ inches Wide, 15 inches Deep, Weight About 2700 Lbs. \$250.00

Heavy inside Bessemer steel doors, flat key lock with duplicate keys.

Iron sub-treasury, three lock drawers, eight pigeon holes.

All Double Door Safes are made with Extra Heavy Bessemer Steel Crescent Angle Frames. All Rounded Corners as shown in the above cut.

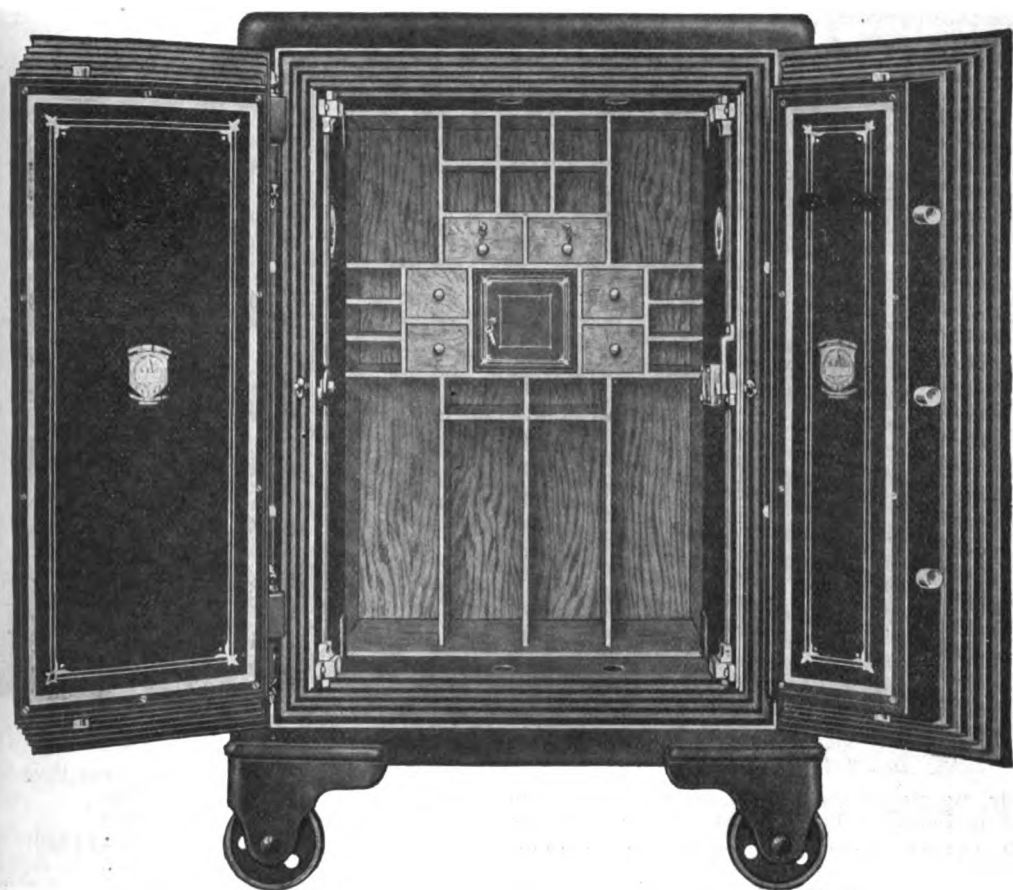
Note—We make no charge for lettering name on safes when so ordered. We letter the name on the space above the door when requested in order.

Send name in print if possible.



No. 15.

VICTOR FIRE-PROOF SAFES



Nos. 13 and 14.

Four-Tumbler Non-Pickable Combination Lock.

No. 14—Outside Dimensions, 62 inches High, 41 ½ inches Wide, 32 ½ inches Deep, Inside, 40 inches High, 28 inches Wide, 16 inches Deep, Weight About 3500 Lbs. \$300.00

Heavy inside Bessemer steel doors, flat key lock with duplicate keys.

Arrangement of Interior Cabinet Work.

14 large pigeon holes, as shown in illustration.
Six large drawers with hardwood fronts (two lock drawers and four knob drawers.)
One large iron sub-treasury, 8x8x13 inches, with duplicate keys and metal cash tray.
Two large book spaces, 20 inches high by 7 inches wide.
Two book spaces, 17 inches high by 6 inches wide.
Two book spaces, 11 inches high by 7 inches wide.

No. 17—Outside Dimensions, 69 ½ inches High, 52 inches Wide, 38 inches Deep, Inside, 48 inches High, 40 inches Wide, 18 inches Deep, Weight About 5400 Lbs. \$460.00

Heavy inside Bessemer steel doors, flat key lock with duplicate keys.

Arrangement of Interior Cabinet Work.

Two book spaces, 20x11 ½ inches.
Two book spaces, 18x11 ½ inches.
Two book spaces, 17x7 inches.
Twenty pigeon holes.
Sub-treasury, 8x8 inches.
Two drawers, 7 inches wide.
Four drawers, 6 inches wide.

Four-Tumbler Non-Pickable Combination Lock.

No. 13—Outside Dimensions, 60 inches High, 39 inches Wide, 32 inches Deep, Inside, 38 inches High, 25 ½ inches Wide, 15 inches Deep, Weight About 3200 Lbs. \$280.00

Heavy inside Bessemer steel doors, flat key lock with duplicate keys.

Arrangement of Interior Cabinet Work.

14 large pigeon holes, as shown in illustration.

Six large drawers with hardwood fronts (two lock drawers and four knob drawers).

One large iron sub-treasury, 8x8x13 inches, with duplicate keys and metal cash tray.

Two large book spaces, 20 inches high by 6 inches wide.

Two book spaces, 17 inches high by 6 inches wide.

Two book spaces, 8 ¾ inches high

by 6 inches wide.

No. 16—Outside Dimensions, 69 ½ inches High, 41 inches Wide, 37 ½ inches Deep, Inside, 48 inches High, 28 ½ inches Wide, 17 inches Deep, Weight About 4500 Lbs. \$390.00

Heavy inside Bessemer steel door, flat key lock with duplicate keys.

Arrangement of Interior Cabinet Work.

20 large pigeon holes, as shown in illustration.
Six large drawers with hardwood fronts, (two lock drawers and four knob drawers.)
One large sub-treasury, 8x8x14 inches, with duplicate keys and metal cash tray.
Two large book spaces, 20 inches high, 7 ½ inches wide.
Two large book spaces, 17 inches high, 6 inches wide.
Two large book spaces, 19 ½ inches high, 7 ½ inches wide.

No. 18—Outside Dimensions, 78 ½ inches High, 61 inches Wide, 38 inches Deep, Inside, 54 inches High, 46 ½ inches Wide, 18 inches Deep, Weight Each About 7000 Lbs. \$560.00

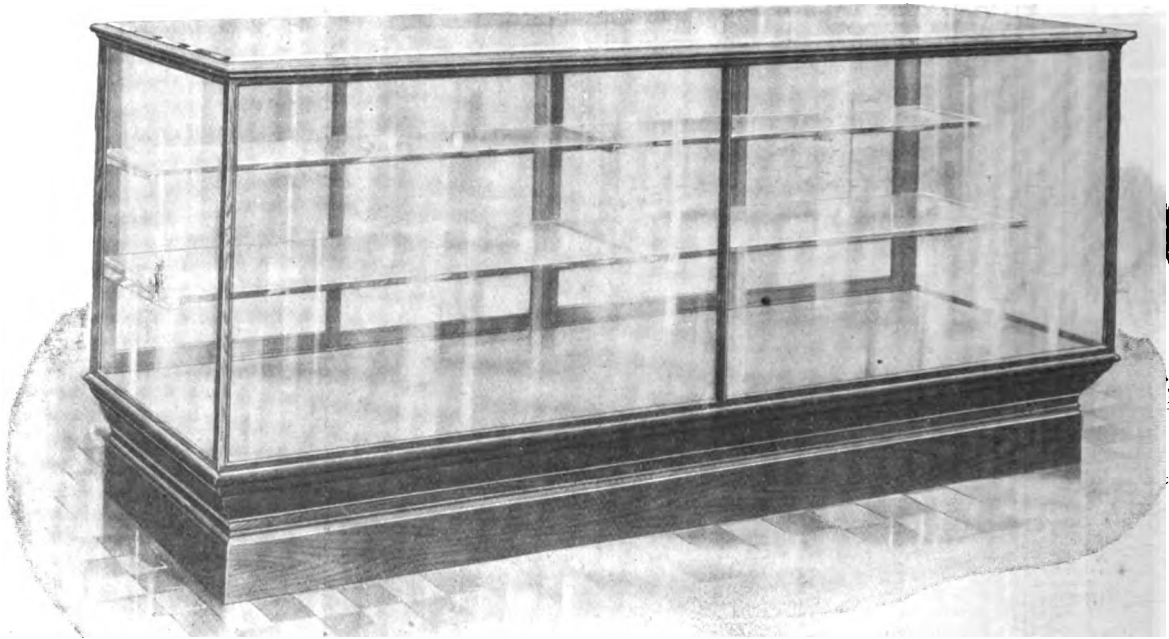
Heavy inside Bessemer steel doors, flat key lock with duplicate keys.

Arrangement of Interior Cabinet Work.

Four book spaces, 22x14 ½ inches.
Two book spaces, 18 ½ x7 inches.
Twenty pigeon holes.
Six drawers, 7 inches wide.
Sub-treasury, 8x8 inches.

SHOW CASES

FLOOR, PLATE GLASS

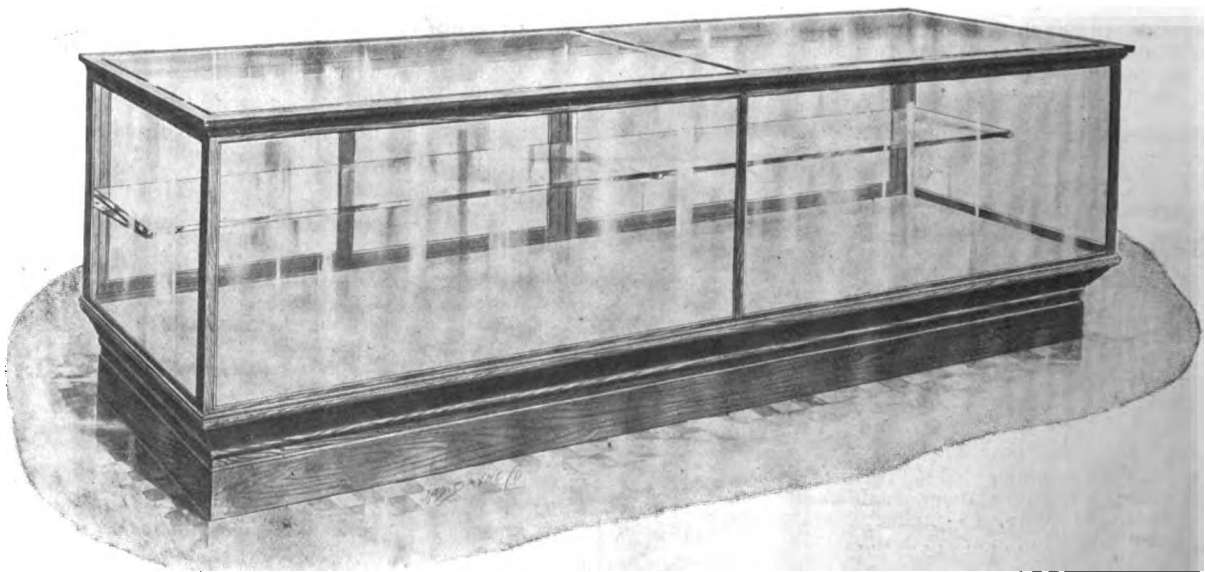


Beveled Plate Top.

No. 118—42 inches High, 26 inches Wide, Beveled Plate Top, in One Piece up to 8 foot Lengths Unless Otherwise Ordered, All Glass DAAS, Glass Sliding Doors on Patent Ball Bearing Sheaves, Shelves on Nickel Plated Duplex Brackets and Standards Per Foot \$12.00

Under Our Special Cutlery Arrangement You Can Obtain This Cutlery Case Free. Write Us for Particulars.

COUNTER CASES



Beveled Plate Top.

No. 120—34 inches High, 26 inches Wide, Beveled Plate Top in Two Pieces when Over 6 feet Long, DAAS Glass Front and Ends, Glass Sliding Doors on Ball Bearing Sheaves, One Shelf on Nickel Plated Brackets..... Per Foot \$10.00

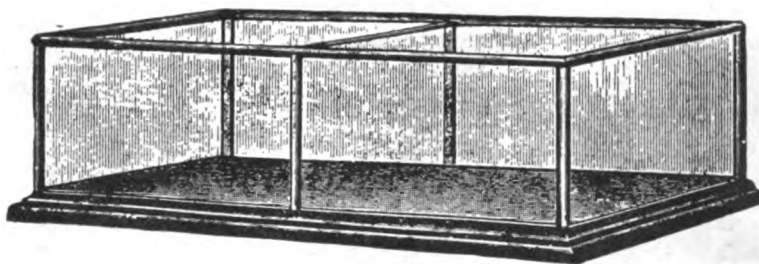
Note—Electric Fixtures are Extra.

Under Our Special Cutlery Arrangement You Can Obtain This Cutlery Case Free. Write Us for Particulars.

Show Cases are Shipped Direct from Factory.

SHOW CASES

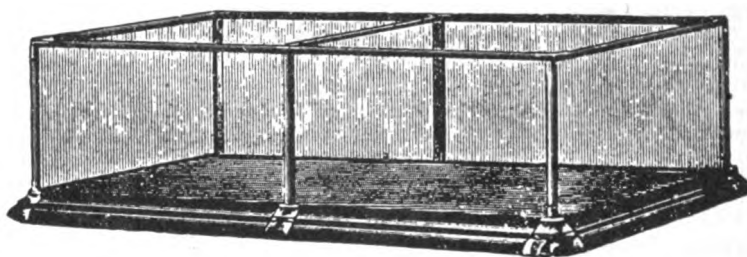
COUNTER



No. 6—Square Front, Wood Moulding Case.

Oak, Walnut or Cherry, Sliding or Hinged Mirror Doors, Red Cloth Lined Bottom, Glazed with the Very Best Quality Double Thick Glass, Outside Measurement 28 inches Wide on Base.

Length, Feet	2	3	4	5	6	7	8	9	10	11	12
15 inches High.....Each,	\$6.72	7.30	10.26	11.56	14.02	16.04	18.84	20.10	24.18	26.02	30.66
17 inches High.....Each,	7.28	7.92	10.72	12.16	14.70	16.72	19.90	21.12	25.36	27.36	32.22
19 inches High.....Each,	8.52	9.26	12.50	13.92	16.86	19.80	22.64	23.52	28.20	31.60	37.50



No. 5—Square Front, Wood Moulding Case with Metal Corners.

Oak, Walnut or Cherry, Sliding or Hinged Mirror Doors, Red Cloth Lined Bottom, Glazed with the Very Best Quality Double Thick Glass, Outside Measurement 28 inches Wide on Base.

Length, Feet	3	4	5	6	7	8	9	10	11	12
15 inches High.....Each,	\$10.44	13.54	14.80	17.92	20.48	22.72	23.96	27.42	29.88	34.54
17 inches High.....Each,	11.02	13.82	15.26	18.58	21.12	23.78	25.00	28.64	31.26	36.10
19 inches High.....Each,	12.36	15.60	17.18	20.74	23.68	26.50	27.40	32.06	35.34	41.38

Show Cases are Shipped Direct from Factory.

FARMING TOOL RACKS

ALL THE YEAR-ROUND SILENT SALESMAN



No. 1—Size 24x42 inches, Upright Frame of 1 inch Heavy Channel Steel with Ball Casters, Top and Bottom Tables Made of $\frac{3}{4}$ inch Heavy Channel Steel Frames, with Heavy 2 inch Mesh Galvanized Wire Filler, Black Enamel Finish, Weight Each 60 Lbs.....\$10.00

The Ideal Show Case for displaying Garden Tools, Farm Tools, Harvest Tools, Brooms, Mops and Handled Tools.

For Springtime—Fill the Silent Salesman with garden tools, hoes, rakes, spades etc.

For Summer—Fill with harvest tools, forks, hay rakes, shovels, etc.

For Autumn—Fill with digging tools, potato forks, scoops, spades, shovels, etc.

For Winter—Fill with snow shovels, window washers, mops, brooms, etc.

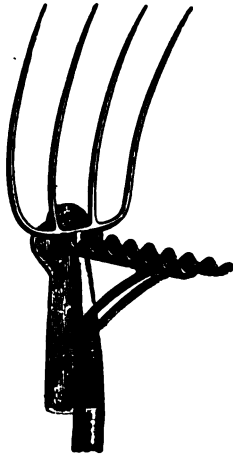
The Cyclone Silent Salesman keeps your goods constantly before the public. It creates a new demand and draws new trade.

Every dollar invested in the Cyclone Silent Salesman is returned to you many times over in the year's increased sales. It is your movable showcase for inside or outside display. It attracts the public in all kinds of weather.

Put your handled tools where your customers can see them. Show them what they want. You'll win their trade on these tools as a leader, and make new satisfied customers on other lines.

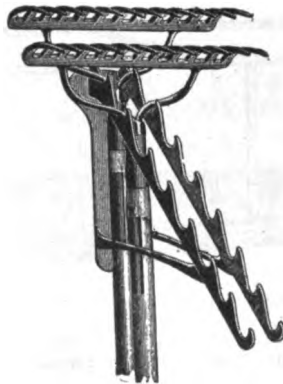
FARMING TOOL BRACKETS

FORK AND SHOVEL



No. 1—11x12 inches, Malleable Iron, Black Enameled, Each Bracket Will Hold 8 Forks. **\$9.00**
Weight Per Dozen 36 Pounds.
One Dozen in a Case.

RAKE



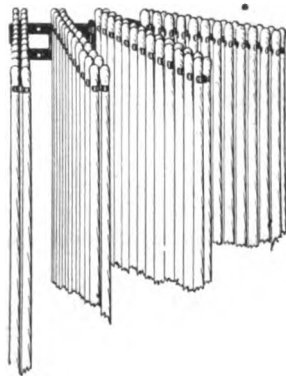
No. 2—11x15 inch Malleable Iron, Black Enameled, Each Bracket Will Hold 8 Rakes. **\$9.60**
Weight Per Dozen 42 Pounds.
One Dozen in a Case.

HOE



No. 3—17 inches, One Arm, Malleable Iron, Black Enameled, Each Bracket Will Hold 8 Hoes. **\$6.60**
Weight Per Dozen 30 Pounds.
One Dozen in a Case.

"HAWKES" REPAIR HANDLE RACK



The spring clips are of tempered steel and will not mar the handle finish. Wall socket plate is malleable iron, while arms are of rolled tool steel. Unless otherwise specified each rack is fitted up to hold Five Dozen Fork Handles and Three Dozen Rake or Hoe Handles.

No. HHR—Complete as Shown. **\$5.00**
Single Arm **1.25**

Holds eight dozen repair handles for Steel Goods, Shovels or Axes, and holds them in such a way that they cannot bend or warp.

Total space required for rack 5x14x20 inches, and is fastened to wall by six $\frac{3}{8}$ inch lag screws. Where only plaster partition is available, use expansion bolts. Each arm holds 24 handles and any handle is accessible because the arms swing in their sockets.

STORE SHELF BRACKETS

★KOCH'S ADJUSTABLE AND REVERSIBLE



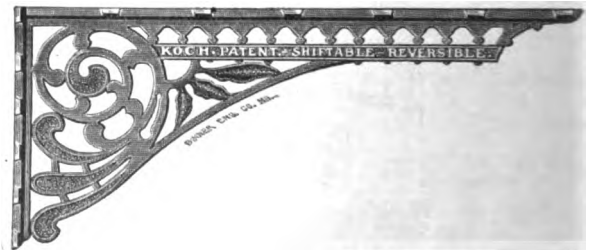
No. 4 1/2.



No. 8.



No. 12.



No. 16.

Nos.		Brackets, Cast Iron, Japanned.		
		4 1/2	8	
Size, Inches		3 1/2 x 4 1/2	6 x 8	
Weight Each, Lbs.		1/2	1 1/4	
Each		\$0.12	.20	

Nos.		Brackets, Cast Iron, Japanned.		
		12	16	21
Size, Inches		8x12	8x16	9x21
Weight Each, Lbs.		2	3	3 1/4
Each		.35	.45	.60

★WALL PLATES, CAST IRON, JAPANNED



No. 24—24 inches Long, Suitable for Any Size Bracket, Weight Each 4 Lbs. **\$0.50**

The Koch Brackets are supported by a number of catches on either side, by means of which each is held firmly in place, there being no sideplay in these Brackets, or liability to slip down accidentally. Yet it is an easy matter to raise or lower the shelf much or little without taking the same down, or in many cases disturbing the stock upon it. Any one or more Brackets or shelves may be readily removed or added, without taking apart or interfering in the least with the rest, and without marring either shelving or walls in the least.

The Wall Plates are provided with screw holes for every six inches of their length, so they can be fastened sufficiently to the walls to prevent springing and to make the shelves secure and rigid enough for any purpose.

★Shipped Direct from Factory.

WIRE CLOTH RACKS



Wrought Steel, Galvanized.

Each

IXL—Height 48 inches, Space for 28 Full Rolls of Wire Cloth, with Additional Room for Remnants.....\$7.00
One in a Crate.

MONEY DRAWERS



Improved Lock, Thirty-two Changes.

Each

No. 2B—Oak Front, Varnished, Woodwork Cherry Stained, Size Over All $4\frac{3}{4} \times 16\frac{1}{2} \times 18\frac{1}{4}$ inches Wide, $3\frac{3}{8}$ inch Specie Bowls, $3\frac{1}{2} \times 8$ inch Bill Spaces\$4.00
One-half Dozen in a Crate.

ROLLING STORE LADDERS

MYERS' TROLLEY

CUSHION TIRE NOISELESS

Each

No. 20—Myers' Ladder and Trolley, Complete Ready to Set Up\$26.00

Average Weight Each Crated 60 Pounds.

TRACK FOR ABOVE LADDERS

Per Foot

Track—For Myers' Ladders, Complete with Hangers.....\$0.39

The Ladder is constructed of the best clear Georgia Pine, nicely finished, filled and varnished; has open panel sides 5 inches wide, with 5 inch Steps. Each Step is supported at ends with Special Malleable Dowel Tee, which makes the strongest construction possible. Width of Ladder is 12 inches.

The Track is the well known Double Angle Steel Rail, is very neat and strong, and is suspended from ceiling by means of lag screws, either jointed or rigid, or by flanged plates and wood screws. By these means the Track hangs close to the ceiling and can be leveled on an uneven ceiling without the least trouble and without any blocking or bridging, as is the case in many other tracks.

The Trolley is self-adjusting and made of Malleable Iron, fitted with Turned Steel Bearings and 3 inch Anti-Rattler Wheels, turned and bored on lathe and fitted with Special Rubber Tires. It runs without friction or noise.

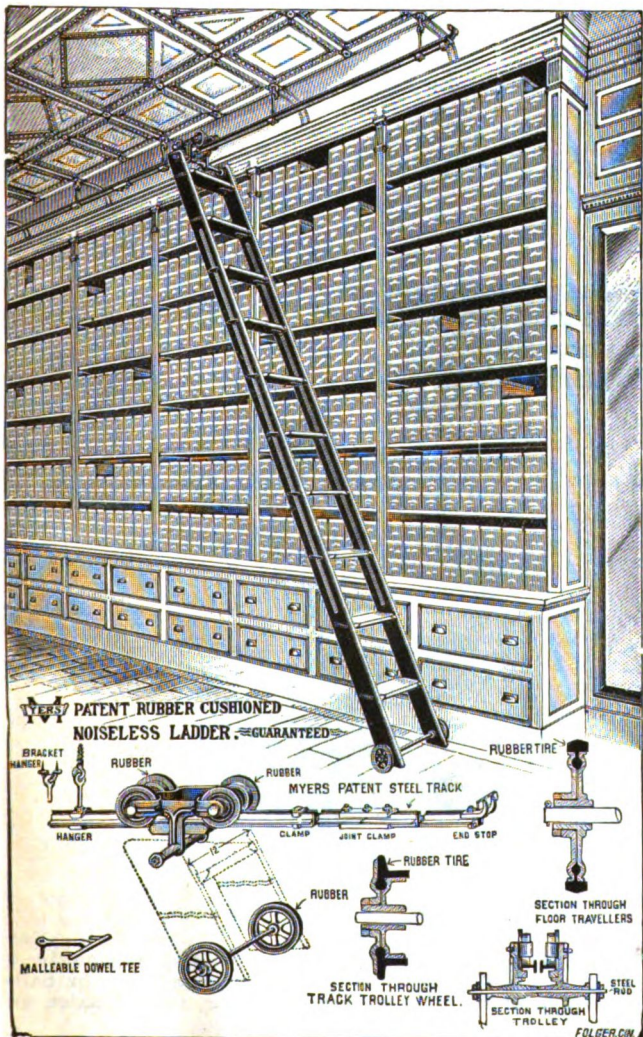
The Floor Travelers are 5 inches in diameter, composed of metal sides with rubber cushion tires clamped in such position as to be impossible to get off or come loose. These Wheels are placed on a steel axle which revolves with one of the wheels, the other running loose. In this manner the ladder will adjust itself to the floor. In operation this Equipment is noiseless, and finds easy preference over other makes on that account.

When the Ladder is not the proper length for ceiling, cut off at the bottom and replace the lower traveler shaft by boring new holes and the Fitting will be done at Factory.

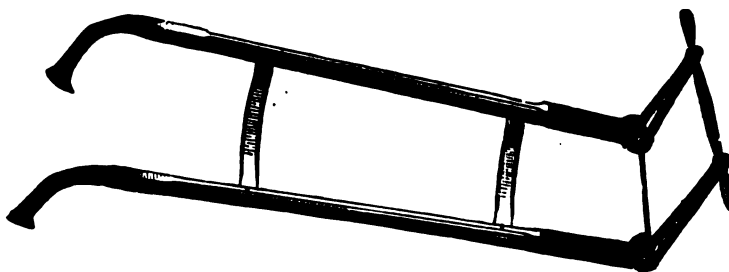
DIRECTIONS FOR FITTING MYERS' CUSHION TIRE STORE LADDER

Give the exact Height of Ceiling and the Length of each Track and the Fitting will be done at Factory.

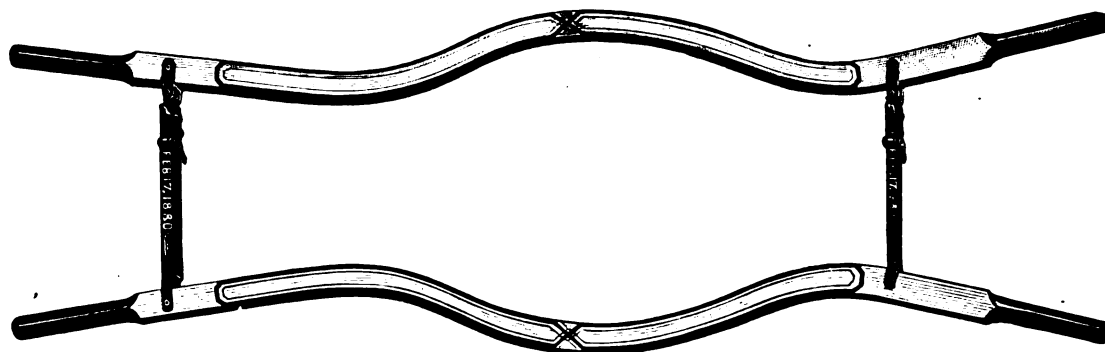
Note—Not Carried in Stock; Sold Only for Shipment Direct from Factory.



STOVE CARRIERS



No. 100—Useful and Convenient for Wheeling or Carrying Stoves Each \$9.00



No. 30—Gem Stove Carriers, Wood Bars, Iron Ratchet Bars and Sockets Each \$9.00
Extra Ratchet Bars and Sockets for Gem Stove Carriers..... .90

BALTZLY

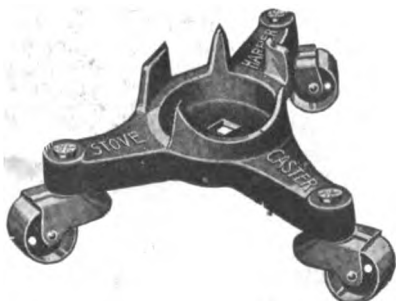


No. 204—Baltzly, All Steel and Iron, with Lever to Lower and Lift Each \$9.00

This Truck will handle any stove, the frame can be lowered to allow the truck to pass under stove and raised taking stove along.

STOVE CASTERS

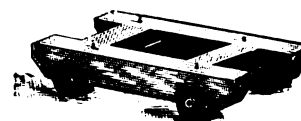
IMPROVED HARPER



No. 1—Malleable Iron, Japanned, 1½ inch Iron Swivel Wheels, Height of Center 3 inches, Diameter of Cup 2½ inches.....\$14.00
Will Carry 2000 Pounds.

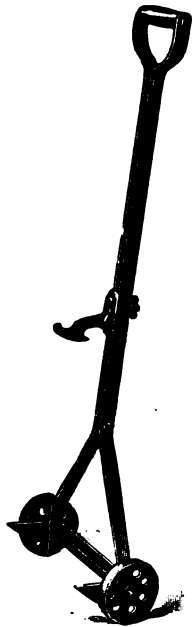
Per Dozen Sets of 4

BOX TRUCKS



No. 752—16x24 inch, 3½ inch Wheels, 3x3 inch Frame. \$4.00
Strong and well made, for handling large boxes or bales. Sharp cone head bolts to prevent slipping, turned axles and bored wheels.

NAIL KEG AND BARBED WIRE TRUCKS

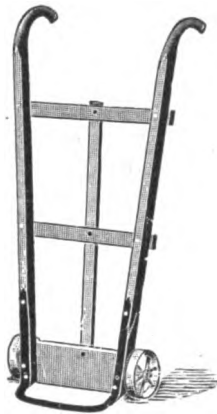


No. 200—Wrought Steel, Galvanized Each \$5.00

Takes hold of a keg automatically, without tipping keg to get under it, also drops keg automatically, requiring only one hand, leaving the other free. Adjustable to any height kegs and many barrels, also spools of barbed wire, which it will handle as easily as a keg of nails. Will handle a keg partly filled as well as a full keg.

TRUCKS

DANDY



BAG



Bent Plow Handles, without Legs, Rounded Nose, Iron Wheels.

No.	441
Length of Handle, Inches....	46
Width of Nose, Inches.....	11
Diameter of Wheels, Inches...	6
Weight Each, Lbs.....	19
Each	\$3.50

Bent Plow Handles, without Legs, Stamped Steel Nose, Iron Wheels.

No.	50
Length of Handle, Inches....	42
Width of Nose, Inches.....	11 1/4
Diameter of Wheels, Inches...	6
Weight Each, Lbs.....	19
Each	\$4.00

STORE AND WAREHOUSE TRUCKS

WESTERN PATTERN



Half Ironed, Steel Nose, Forged Axle, Turned Bearings, Iron Wheels.

Nos.	1W	2W	3W
Length Handles, Inches....	48	52	56
Width, Inches	19	20	22
Diameter Wheels, Inches...	7 1/2	8 1/2	9 1/2
Weight Each, Lbs.....	43	60	77
Each	\$7.00	9.00	13.00

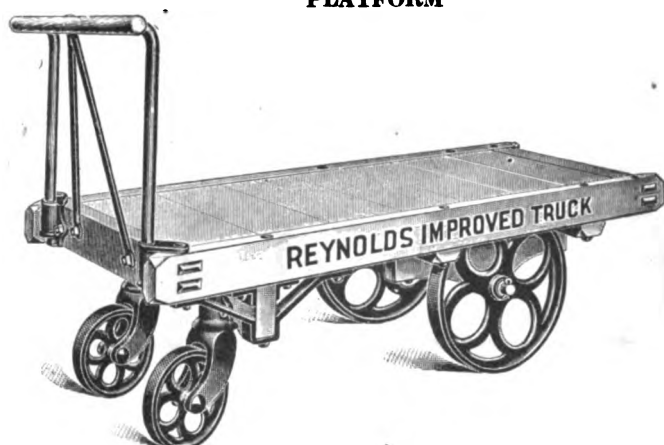
Full Ironed, Steel Nose, Forged Axle, Turned Bearings, Iron Wheels.

Nos.	21W	22W	23W
Length Handles, Inches....	48	52	56
Width, Inches	19	20	22
Diameter Wheels, Inches...	7 1/2	8 1/2	9 1/2
Weight Each, Lbs.....	50	68	87
Each	\$8.00	10.50	15.00

Nos. 1 and 21 Have Three Cross Bars; Others, Four.

TRUCKS

PLATFORM



Reynolds' Improved, Ball Bearing Casters.

For Factories, Mills and Warehouses.

Nos.	4	6
Size of Platform, Feet.	2x5	2 1/2 x 5
Size of Wheels, Inches.	12x2	12x2
Size of Casters, Inches.	6x1 1/4	6x1 1/4
Capacity, Lbs.	1200	1200
Weight Each, Lbs.	161	175
Each	\$26.10	27.00

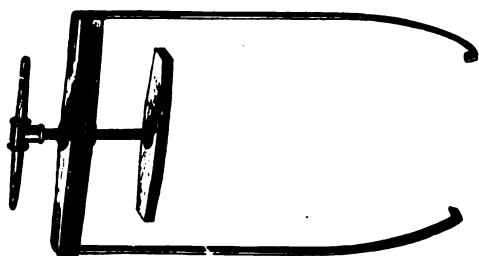
DRY GOODS



Heavy Pattern, Ball Bearing Swivels at Ends.

1 1/2 inch Hardwood Bottom, Height of Racks from Platform 28 inches.

No.	73
Size of Platform, Inches.	27x47
Diameter of Wheels, Inches.	10
Diameter of Swivels, Inches.	5
Weight Each, Lbs.	200
Iron Wheels, Each,	\$22.00
Rubbered Wheels Each,	34.00



No. 1.

BARREL HEADERS

SCREW

No. 1—Iron Screw, 1 inch Diameter, 21 inch Wood Top, Bolted Steel Side Clamps, 36 inches Long.	Per Dozen \$25.00
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This Press has the follower attached to the screw and is taken up with the screw after the barrel is headed.

ACME PUMP TANK

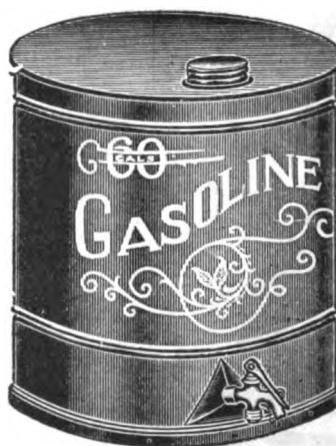


For Use for All Oils.

Made of Heavy Galvanized Steel, Front Pan Seamed into Chime of Tank Makes it Indestructible, 1 inch Solid Under Metal Bottom, Back Pan Made of 22 Gauge Iron and Can be Removed. The Hood Nests into Tank Safely, Pump Made of Heavy Tin and Galvanized Iron, Pump Can Easily be Removed and Used for Transferring Oil from Barrel to Tank.

Nos.	208	206	2011
Capacity, Gallons	30	60	110
Diameter, Inches	22	25	30
Height, Inches	27	31	37
Weight, Lbs.	48	62	104
Each	\$6.00	6.50	11.00

OIL TANKS



For Gasoline, Kerosene or Lubricating Oil.

Made of Heavy Galvanized Iron, Reinforced with 1 inch Solid Wood Bottom Base Under the Metal Bottom, Furnished with 4 inch Screw Filler Cap and Ground Key Cross Lock Faucet as Shown and Listed Below.

Handsomely Decorated and Painted with Heavy Varnish, Paint Hand Brushed.

Painted Blue, Black, Green, Yellow or Red.

Note—State Color Wanted.

Nos.	508	506	5011
Capacity, Gallons	30	60	110
Diameter, Inches	20	26	30
Height, Inches	24	28	36
Size of Faucet, Inches.	1/2	3/4	3/4
Weight Each, Lbs.	40	57	97
Each	\$5.50	6.20	9.50

VALUABLE INFORMATION FOR BUILDERS

The following very useful and practical calculations will be found exceedingly handy, as guides to the builder, in making up his figures when he is called upon to estimate for all portions of a job, many of which are not entirely in his own particular line:

PINE SHINGLES.

Number and Weight of Pine Shingles to Cover One Square Roof
Table based on 4 inch width. For other widths multiply given number by 4 and divide by the width in question.

1 Square = 100 Square Feet.

Number of Inches Exposed to Weather.	4	4½	5	5½	6
Number of Shingles per Square of Roof.	900	800	720	655	600
Weight in Lbs. of Shingles on One Square of Roof.	216	192	173	157	144

The number of shingle per square is for common gable roofs. For hip roofs, add 5% to these figures. The weights per square are based on the number per square. Shingles come 250 to the bundle; 4 inch shingles weigh 240 lbs. to 1,000.

Find the number of shingles required to cover a roof 38 feet long, and the rafters on each side 14 feet. Shingles exposed 4½ inches.

$28 \times 38 = 1064$ (sq. ft.) $\times 8 = 8,512$ Shingles. Ans.

The best shingles are of white cedar. When of good quality they will last 40 to 50 years in our northern states. Cypress and white pine are much used for shingles, but will not last half as long as white cedar.

One bundle 16 inch shingles will cover 30 square feet.

One bundle 18 inch shingles will cover 33 square feet.

When laid 5½ inches to the weather, 5 lbs. 4d or 3½ lbs. 3d nails will lay 1,000 shingles.

To find the length of rafters giving the roof one-third pitch: Take three-fifths of the width of the building. If the building is 30 feet wide, they must be 18 feet long, exclusive of projection.

CLAPBOARDS.

One bundle laid 3½ inches to the weather will cover 26 square feet.

SLATING.

A square of slate or slating is 100 superficial feet.

In measuring, the width of the eaves is allowed at the widest part. Hips, valleys and cutting are to be measured lineal, and 6 inches width extra is allowed.

The thickness of slates range from $\frac{3}{8}$ to $\frac{1}{2}$ of an inch, and their weight varies from 2.6 to 4.5 lbs. per square foot.

The lap of slates varies from 2 to 4 inches. The standard is assumed to be 3 inches.

To compute the number of slates of a given size required per square—Subtract 3 inches from the length of the slate, multiply the remainder by the width and divide by 2. Divide 14,400 by the number so found, and the result will be the number of slates required.

The pitch of a slate roof should not be less than 1 inch height to 4 inch length.

ROOFING SLATE.

Table of Sizes and Number of Slates in One Square of Roof.
1 Square=100 Square Feet.

Size in Inches.	No. of Slate in a Square.	Size in Inches.	No. of Slate in a Square.	Size in Inches.	No. of Slate in a Square.	Size in Inches.	No. of Slate in a Square.
6x12	533	9x14	291	10x18	192	11x22	137
7x12	457	10x14	261	11x18	174	12x22	126
8x12	400	12x14	218	12x18	160	14x22	108
9x12	355	8x16	277	14x18	137	12x24	114
10x12	320	9x16	246	10x20	169	14x24	98
12x12	266	10x16	221	11x20	154	16x24	86
7x14	374	12x16	185	12x20	141	14x26	89
8x14	327	9x18	213	14x20	121	16x26	78

The weight of a square of Slate is estimated in a general way (varying according to the thickness of the different makes) at from 600 to 700 lbs. per square.

Weight Per Square Foot.

Thickness, in.	1/8	3/8	1/2	5/8	3/4	7/8	1
Weight, Lbs.	1.81	2.71	3.62	5.43	7.25	9.06	10.87

Weight per cubic foot, 174 pounds.

It requires, on account of laps, an average of nearly 2½ square feet of slate to make one of slating.

APPROXIMATE WEIGHTS OF VARIOUS ROOF COVERINGS

For preliminary estimates the weights of various Roof Coverings may be taken as below:

Name.	Weights in lbs., per square of roof (100 sq. ft.)
Cast Iron Plates, ¾ inch thick	1500
Copper	80-125
Felt and Asphalt	100
Felt and Gravel	800-1000
Iron Corrugated	100-375
Iron Galvanized Flat	100-350
Lath and Plaster	900-1000
Sheathing, Pine, 1 inch Thick, Yellow Northern	300
Sheathing, Pine, 1 inch Thick, Yellow Southern	400
Spruce, 1 inch Thick	200
Sheathing, Chestnut or Maple, 1 inch Thick	400
Sheathing, Ash, Hickory or Oak, 1 inch Thick	500
Sheet Iron, ⅝ inch Thick	300
Sheet Iron, ⅝ inch Thick, and Laths	500
Shingles, Pine	200
Slates, ¾ inch Thick	900
Skylights, (Glass, ⅝ to ½ inch Thick)	250-700
Sheet Lead	500-800
Thatch	650
Tin	70-125
Tiles, Flat	1500-2000
Tiles (Grooves and Fillets)	700-1000
Tiles, Pan	1000
Tiles, with Mortar	2000-3000
Zinc	100-200

BRICKWORK.

Brickwork is estimated by the thousand, and of various thickness of walls, runs as follows:

8¼ in. Wall, or 1 Brick in thickness, 14 Bricks per superficial ft.

12¼ in. Wall, or 1½ Brick in thickness, 21 Bricks per superficial ft.

17 in. Wall, or 2 Brick in thickness, 28 Bricks per superficial ft.

21½ in. Wall, or 2½ Brick in thickness, 35 Bricks per superficial ft.

Any ordinary Brick measures about 8¼x4x2 inches, which is equal to 66 cubic inches or 26.2 Bricks to a cubic foot. The average weight is 4½ lbs.

Corners are not measured twice as in stonework. Openings over 2 feet square are deducted. Arches are counted from the spring. Fancy work counted 1½ bricks for 1. Pillars are measured on their face only.

The average weight of smaller sized bricks is about 4 lbs., of the larger about 6 lbs.

Dry bricks will absorb about one-fifteenth of their weight in water.

A load of mortar measures a cubic yard or 27 cubic ft., requires a cubic yard of sand and 9 bushel of lime, and will fill 30 hods.

A bricklayer's hod, 1 ft. 4 in. by 9 in. by 9 in., equals 1,296 cubic in. in capacity, and contains 20 bricks.

A single load of sand and other materials equals a cubic yard, or 27 cubic ft., a double load twice that quantity.

One thousand old brick loosely stacked occupy about 56 cubic ft. One thousand old brick, cleaned and loosely stacked, occupy about 72 cubic ft.

One superficial foot of gauged arches requires ten bricks.

One superficial foot of facing requires seven bricks.

One yard of paving requires 36 stock bricks laid flat, or 52 on edge, and 36 paving bricks laid flat, or 82 on edge.

The bricks of different makers vary in dimensions, and those of the same maker vary also, owing to varying degrees of heat in burning. The calculations given above are therefore approximate.

One hundred yards of plastering will require 1,400 laths, 4½ bushels of lime, four-fifths of a load of sand, 9 lbs. of hair, and 9 lbs. nails, for two-coat work.

Three men and one helper will put on 450 yards in a days work, of two-coat work, and will put on a hard finish for 300 yards.

A bushel of hair weighs, when dry, about 15 lbs.

Putty, for plastering, is a very fine cement made of lime only. It is thus prepared: Dissolve in a small quantity of water, as two or three gallons, an equal quantity of fresh lime, constantly stirring it with a stick until the lime be entirely slacked, and the whole becomes of a suitable consistency, so that when the stick is taken out of it, it will but just drop therefrom; this, being sifted or run through a hair sieve, to take out the gross parts of the lime, is fit for use. Putty differs from fine stuff in the manner of preparing it, and its being used without hair.

VALUABLE INFORMATION FOR BUILDERS

ESTIMATES OF MATERIALS.

To find the number of bricks required in a building: Rule—Multiply the number of cubic feet by $22\frac{1}{2}$. The number of cubic feet is found by multiplying the length, height and thickness (in feet) together. Bricks are usually made 8 inches long, 4 inches wide and 2 inches thick; hence it requires 27 bricks to make a cubic foot without mortar, but it is generally assumed that the mortar fills one-sixth of the space.

PLASTERING.

Estimate of Material for 100 Square Yards.

Materials.	Two Coats Slipped Coat Finish.	Three Coats with Hard Finish.
Quicklime	3 $\frac{1}{2}$ casks	4 casks
Quicklime, for fine stuff		$\frac{3}{4}$ cask
Plaster of Paris		$\frac{1}{2}$ cask
Laths	2,000	2,000
Hair	3 bushels	4 bushels
Common Sand	6 loads	7 loads
White Sand		2 $\frac{1}{2}$ bushels
Nails	13 lbs.	13 lbs.
Mason's Labor	3 $\frac{1}{2}$ days	4 days
Laborer	2 days	3 days

WEIGHTS PER CUBIC FOOT.

Material.	Weight, Lbs.	Material.	Weight, Lbs.
Cast Iron	450	Cast Silver	656
Tin	456	Lead	708
Wrought Iron	480	Gold	1,103
Steel	490	Platinum	1,340
Cast Brass	527	Fresh Water	63 $\frac{1}{2}$
Gun Metal	540	Salt	64 $\frac{1}{2}$
Bronze	545	Ice	56 $\frac{1}{2}$
Sheet Copper	547		

PAINTING.

For outside woodwork, paint made from white lead ground in linseed oil is most used. If the oil is raw, or un-boiled, dryer is added; if boiled, no dryer is necessary. Not less than four coats should be applied—five are better.

Paint, ready mixed, put up in cans or kegs, may be procured from dealers. Our paints are ready for use and do not have to be thinned. One pound will cover about two square yards of first coat, three yards of second, and four yards of each subsequent coat; or one and three-eighths pounds to the square yard will be required for four coats, and one and five-eighths pounds to five coats.

For inside work, white lead is used, and for good work four coats are necessary.

For iron exposed to the weather, metallic paints, such as yellow and red iron ochres or pure graphite, finely pulverized and mixed with oil or dryer, are best.

For iron subject to the action of water, red lead is best.

Plastered walls should stand a year before painting.

Painting is measured by the square yard, girding every part of the work that is covered by paint and allowing an addition to the actual surface for the difficulty of covering, deep quirk of mouldings and for "cutting in" as in sash and shelving, or where there is a change of color on same work.

PAINT REQUIRED FOR A GIVEN SURFACE.

It is impossible to give a rule that will apply in all cases, as the amount varies with the kind and thickness of the paint, the kind of wood or other material to which it is applied, the age of the surface, etc. The following is an approximate rule: Divide the number of square feet of surface by 200. The result will be the number of gallons of liquid paint required to give two coats; or divided by 18 and the result will be the number of pounds of pure ground white lead required to give three coats.

FLOORING AND SIDING.

In estimating matched flooring, a square foot of $\frac{3}{4}$ inch stuff is considered to one foot Board Measure.

If the flooring is 3 inches or more in width, add $\frac{1}{4}$ to assumed Board Measure to allow for the forming of tongue and groove; for less than 3 inches in width, add $\frac{1}{8}$.

A square foot of $1\frac{1}{4}$ inch finished flooring is considered to be $1\frac{1}{4}$ feet Board Measure.

To calculate the Board Measure of same, figure as if 1 inch thick and add 60 per cent. to cover extra thickness and waste in tonguing, grooving, etc.

Siding is measured by superficial foot.

6 inch Siding nominal width actually measures 5 $\frac{1}{2}$ inches.

TABLE OF RELATIVE VALUE OF NON-CONDUCTING MATERIAL.

Substances.	Value.	Substances.	Value.
*Loose Wool	3.35	*Wood across grain .40 to .55	
*Loose Lampblack	1.12	Loam, dry and open ....	.55
*Geese Feathers	1.08	Chalk, ground, Spanish white .....	.51
*Felt, Hair or Wool	1.00	Coal Ashes .....	.35 to .49
*Carded Cotton	1.00	Gashouse Carbon .....	.47
*Charcoal from Cork ....	.87	Asbestos Paper .....	.47
Mineral Wool .....	.68 to .83	Paste of Fossil Meal and ..	
Fossil Meal .....	.66 to .79	Asbestos .....	.47
*Straw Rope wound spirally .....	.77	Asbestos, fibrous .....	.36
*Rice Chaff, loose .....	.76	Plaster of Paris, dry ....	.34
Carbon, Magnesia. .67 to	.76	Clay, with vegetable fibre .34	
*Charcoal from Wood .63 to	.75	Anthracite Coal, powdered .29	
*Paper .....	.50 to .74	Coke, in lumps .....	.27
*Cork .....	.71	Air space, undivided	
*Sawdust .....	.61 to .68		14 to .22
Paste of Fossil Meal and Hair .....	.63	Sand .....	.17
Wood Ashes .....	.61	Baked Clay, Brick .....	.07
		Glass .....	.05
		Stone .....	.02

*These substances are combustible and sometimes dangerous.

SKYLIGHT GLASS.

The Weight of Various Sizes and Thicknesses of Fluted or Plate Glass Required for One Square of Roof.

1 Square=100 Square Feet.

Dimensions in Inches	12x48	15x60	20x100	94x156
Thickness in Inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
Area in Square Feet	3.997	6.246	13.880	101.768
Wt. in Lbs. Per Sq. of Roof ...	250	350	500	700

In the above table no allowance is made for lap.

HOW TO MIX PAINTS FOR TINTS.

Red and black make	Brown
Lake and white make	Rose
White and brown make	Chestnut
White, blue and lake make	Purple
Blue and lead color make	Pearl
White and carmine make	Pink
Indigo and lampblack make	Silver Gray
White and lampblack make	Lead Color
Black and Venetian red make	Chocolate
White and Green make	Bright Green
Purple and white make	French White
Light green and black make	Dark Green
White and green make	Pea Green
White and emerald green make	Brilliant Green
Red and yellow make	Orange
White and yellow make	Straw Color
White, blue and black make	Pearl Gray
White, lake and vermilion make	Flesh Color
Umber, white and Venetian red make	Drab
White, yellow and Venetian red make	Cream
Red, blue and black make	Olive
Yellow, white and a little Venetian make	Buff

VALUABLE INFORMATION FOR BUILDERS

NAILS REQUIRED FOR DIFFERENT KINDS OF WORK.

For 1,000 shingles, 3½ to 5 lbs. 4d nails, or 3 to 3½ lbs. 3d.
 For 1,000 laths, about 7 lbs. 3d fine.
 For 1,000 feet clap boards, about 18 lbs. 6d box.
 For 1,000 feet covering boards, about 20 lbs. 8d common, or 25 lbs. 10d.
 For 1,000 feet upper floors, square edge, about 38 lbs. 10d floor, or 41 lbs. 12d floor.
 For 1,000 feet upper floors, matched and blind-nailed, 38 lbs. 10d. or 42 lbs. 12d common.
 For 10 feet partitions, studs or studding, 1 lb. 10d common.
 For 1,000 feet furring, 1x3, about 45 lbs. 10d common.
 For 1,000 feet furring, 1x2, about 65 lbs. 10d common.
 For 1,000 feet pine finish, about 30 lbs. 8d finish.

HINTS FOR ROOFERS.

The average width of a shingle is four inches. Hence, when shingles are laid four inches to the weather each shingle averages 16 sq. in., and 900 are required for a square of roofing (100 sq. ft.). If 4½ in. to the weather, 800; 5 in., 720; 5½ in., 655; 6 in., 600. In hip-roofs, where the shingles are cut more or less to fit the roof, five per cent should be added to these figures.

One thousand shingles laid four inches to the weather will require five pounds of shingle nails. Six pounds of 4d nails will lay 1,000 split pine shingles.

A carpenter will carry up and lay on the roof from 1,500 to 2,000 shingles per day, or two squares to two squares and a half of plain gable-roofing.

The pitch of a slated roof should be about one in height to four in length. The usual lap is about 3 in., sometimes 4 in. Each slate should be fastened by two 3d slate nails, either of galvanized iron, copper or zinc. On roofs of gas-houses the nails should be of copper or yellow metal.

The sides and bottom edges of roof slates should be trimmed and the nail-holes punched as near the head as possible. When slates are not of uniform size they should be sorted, and the smallest placed near the ridge.

In a first-class slate roof the top course on ridge, and the slate from two to four feet from gutters, and one foot each way from valleys and hips, should be bedded in elastic cement.

Roof-boards for slate roofs should be covered with one or two thicknesses of tarred felt roofing paper before slates are laid. Dry or rosin-sized felt should not be used on roofs.

COMPARATIVE STRENGTH, TIMBER AND CAST IRON.

Table Showing the Transverse Strength of Timber and of Cast Iron, One Foot Long and One Inch Square.

Material	Breaking Weight, Lbs.	Weight Borne with Safety.
Ash, seasoned	175	105
Chestnut, seasoned	170	115
Hickory, seasoned	270	200
White Oak, seasoned	240	196
White Pine, seasoned	135	95
Yellow Pine, seasoned	150	100
Iron (cast)	5,781	4,000

SIZE AND STRENGTH OF CAST IRON COLUMNS.

Iron One Inch Thick.

Diameter in Inches	Height in Feet										
	4	6	8	10	12	14	16	18	20	22	24
	Load in Cwt.										
2	72	60	49	40	32	26	22	18	15	13	11
2½	119	105	91	77	65	55	47	40	34	29	25
3	178	143	145	128	111	97	84	73	64	56	49
3½	247	232	214	191	172	156	135	119	106	94	83
4	326	318	288	266	242	220	198	178	160	144	130
4½	418	400	379	354	327	301	275	251	229	208	189
5	522	501	479	452	427	394	365	337	310	285	262
6	607	592	573	550	525	497	469	440	413	386	360
7	1032	1013	989	959	924	887	848	808	765	725	686
8	1339	1315	1289	1259	1224	1185	1142	1097	1052	1005	959
9	1716	1697	1672	1640	1603	1561	1515	1461	1411	1364	1311
10	2119	2100	2077	2045	2007	1964	1916	1865	1811	1755	1697
11	2570	2550	2520	2490	2450	2410	2358	2305	2248	2189	2127
12	3050	3040	3020	2970	2930	2900	2830	2780	2730	2670	2600

WEAR AND TEAR OF BUILDING MATERIAL.

The figures given below are averages deduced from replies made by eighty-three competent builders in twenty-seven cities and towns of Western States:

Material in Buildings	Frame Dwellings		Brick Dwellings Shingle Roof		Frame Stores		Brick Stores Shingle Roof	
	Average Life, Years	Percentage of Depreciation Per Annum	Average Life, Years	Percentage of Depreciation Per Annum	Average Life, Years	Percentage of Depreciation Per Annum	Average Life, Years	Percentage of Depreciation Per Annum
Brick	20	5	75	1½	16	6	66	1½
Plastering	5	20	30	3½	20	6	30	3½
Painting, outside	7	14	7	14	5	20	6	16
Painting, inside	16	6	16	6	16	6	16	6
Shingles	40	2½	40	2½	30	3½	40	2½
Cornice	30	3½	...	...	30	3½	...	...
Weather-boarding	50	2	50	2	40	2½	50	2
Sheathing	20	5	20	5	13	8	13	8
Flooring	30	3½	30	3½	25	4	30	3½
Doors, complete	30	3½	30	3½	25	4	30	3½
Windows, complete	30	3½	30	3½	20	5	20	5
Stairs and newel	40	2½	40	2½	30	3½	30	3½
Base	30	3½	30	3½	30	3½	30	3½
Inside blinds	20	5	20	5	13	8	13	8
Building hardware	20	5	20	5	20	5	20	5
Piazas & porches	16	6	16	6	16	6	16	6
Outside blinds	25	4	40	2½	25	4	30	3½
Sills and first floor joists	50	2	75	1½	40	2½	66	1½
Dimension lumber								

WEIGHTS OF FLOORS AND THE LOAD UPON SAME.

The dead weight of a fire-proof floor will average 70 lbs. per square foot; the live weight, equal to a dense crowd of people, 80 lbs. per square foot or a total for an office building of 150 lbs. per square foot. The following loads are exclusive of weight of arches and beams:

	Lbs. Per Sq. Ft.
Dense crowd of people	80
For floors of houses	50
Theaters and churches	80
Ball rooms	90
Warehouses	250
Factories	200 to 450
Snow (30 inches deep)	15
Brick walls	(cubic ft.) 112
Stone (limestone dressed)	(cubic ft.) 160

The dead weight of a wooden floor, including wood joists:

	Lbs. Per Sq. Ft.
Double flooring and plastering will average	25
If deafened	35
Stud partition of wood plastered each side	20

In estimating the weight of flat ceiling and roof it will be safe to assume the following:

	Lbs. Per Sq. Ft.
Ceiling of wooden construction	15
Ceiling of iron construction	25 to 65
Roof of wooden construction	45
Roof of iron construction	65 to 100

The weight of roof includes the wind pressure and snow.

Strength of piers—Granite will sustain 40 tons per sq. ft.; berea (sandstone), 30 tons per sq. ft.; limestone (magnesium), 29 tons per sq. ft.; Portland (sandstone), 13 tons per sq. ft.; brick in cement, 3 tons per sq. ft.; rubble masonry, 2 tons per sq. ft.; lime, cement foundation, 2½ tons per sq. ft.

WEIGHTS AND MEASURES

WEIGHT OF VARIOUS MATERIALS.

Weight of stones—Granite (averages), per cubic foot, 170 lbs.; limestone (magnesium), 144 lbs.; berea (sandstone), 140 lbs.; freestone, 140 lbs.; gypsum, natural state, 140 lbs.

One ton of vein marble is 13 cubic feet; of statuary marble, 13½; granite 13½; of berea stone, 14½; of limestone (magnesium), 13¾.

Weight of masonry—Granite, per cubic foot, 160 lbs.; of berea stone range, 140; of limestone rubble, 140; of brick, dry, 115; of brick, dry (press), 130; of brick, dry (fire), 150; of brick masonry in mortar, 110; of brick masonry cement, 112.

Weight of marble slabs—One-half inch thick, per square foot, 7.17 lbs.; ¾ inch thick, 10.75; 1 inch thick, 14.32; 1¼ inch thick, 17.92; 1½ inch thick, 21.05; 1¾ inch thick, 25.08; 2 inches thick, 28.67; 2½ inches thick, 35.83.

Cement and lime—One bushel of Portland cement weighs 96 lbs.; of Rosendale, 70; of Louisville, 62; of quick lime well shaken, 80; of quick lime loose, 70.

Iron and wood—One cubic foot of wrought iron weighs 480 lbs.; of cast iron, 450; of oak (seasoned), 48; of pine (seasoned), 36.

Miscellaneous weights—Per cubic foot—Ordinary quick lime, 53 lbs.; old mortar, 90; new mortar, well tempered, 115; new mortar, 110; river sand (average), 107; river sand (screened), 95; clay with gravel, 130; earth (vegetable), 90; earth (loamy), 100; earth (semi-fluid), 110.

WEIGHT OF LUMBER, DRY.

	Lbs.
Flooring, dressed and matched, per 1,000 ft.	1,800
Siding, dressed, per 1,000 ft.	800
Ceiling, ¾ inch thick, per 1,000 ft.	800
Ceiling ½ inch thick, per 1,000 ft.	900
Boards, dressed one side, per 1,000 ft.	2,100
Boards and dimensions, rough, per 1,000 ft.	2,500
Shingles, per 1,000	250
Lath, per 1,000 pieces	500
Pickets, dressed, per 1,000 pieces	1,800
Pickets, rough, per 1,000 pieces	2,500

AVOIRDUPOIS WEIGHT.

Avoirdupois weight is that used in weighing produce, coal, iron, groceries, etc.

16 drams (dr)	=1 ounce	oz.
16 ounces	=1 pound	lb.
25 pounds	=1 quarter	qr.
4 quarters	=1 hundred-weight	cwt.
20 hundred-weight	=1 ton	T.

The following measures are of every-day use:

56 lbs. of butter	=1 firkin.
196 lbs. of flour	=1 barrel.
300 lbs. of beef or pork	=1 quintal.
100 lbs. of dry fish	=1 quintal.
100 lbs. of nails	=1 keg.

TROY WEIGHT.

Troy weight is used in weighing gold, silver, gems and jewels.

24 grains (gr.)	=1 pennyweight	dwt.
20 pennyweights	=1 ounce	oz.
12 ounces	=1 pound	lb.

LONG MEASURE.

Long measure is used in measuring length and distance.

12 inches	=1 foot	ft.
3 feet	=1 yard	yd.
5½ yards or 16½ feet	=1 rod	rd.
40 rods	=1 furlong	fur.
8 furlongs	=1 mile	mi.
3 miles	=1 league	lea.

SURVEYORS' MEASURE.

Surveyors' measure is used in measuring land and boundaries.

7.92 inches (in.)	=1 link	li.
25 links	=1 rod	rd.
4 rods	=1 chain	ch.
80 chains	=1 mile	mi.

SURFACE OR SQUARE MEASURE.

Square measure is used in measuring areas or surfaces.

144 square inches (sq. in.)	=1 square foot	sq. ft.
9 square feet	=1 square yard	sq. yd.
30¼ square yards or	=1 sq. rod or perch	rd. or p.
272¼ square feet	=1 acre	A.
160 square rods	=1 square mile	sq. mi.
640 acres	=1 square mile	sq. mi.

CUBIC MEASURE.

Cubic measure is used for computing the contents of volumes or solids.

1728 cubic inches (cu. in.)	=1 cubic foot	cu. ft.
27 cubic feet	=1 cubic yard	cu. yd.

WOOD MEASURE.

16 cubic feet	=2 cord feet	cd. ft.
8 cord feet or 128 cubic feet	=1 cord	cd.
24¼ cubic feet	=1 perch or stone of masonry	pch.

LIQUID MEASURE.

Liquid measure is used in measuring liquids.

4 gills (gi.)	=1 pint	pt.
2 pints	=1 quart	qt.
4 quarts	=1 gallon	gal.=231 cu. in.

DRY MEASURE.

Dry measure is used in measuring grain, fruit, salt, soft coal, etc.

2 pints	=1 quart	qt.
8 quarts	=1 peck	bu.
4 pecks	=1 bushel	bu.

MEASUREMENT OF STONE WORK.

Stone masonry is usually estimated by the perch.

A perch of stone is 16½ ft. long, 1 ft. high and 1¼ ft. thick, and is equivalent to 24¼ cu. ft.

The following is the common rule to find the contents of a wall or other stone work:

Rule—Find the contents in cubic feet, and divide by 24.75.

MEASUREMENT OF GRAIN AND HAY.

Grain is usually measured in the United States by the bushel.

The standard bushel is 2150.42 cu. in.

Since a cubic foot is 1728 cu. in., a cubic foot is nearly .8 of a bushel; hence the

Rule—To find the contents of any quantity of grain in bushels, find the contents in cubic feet and multiply by .8.

For the same reason any number of bushels increased by ¼ the number will equal the number of cubic feet.

APOTHECARIES' WEIGHT.

20 grains make 1 scruple, 3 scruples make 1 drachm, 8 drachms make 1 ounce, 12 ounces make 1 pound.

CIRCULAR MEASURE.

60 seconds make 1 minute, 60 minutes make 1 degree, 30 degrees make 1 sign, 90 degrees make 1 quadrant, 4 quadrants or 360 degrees make 1 circle.

TIME MEASURE.

60 seconds make 1 minute, 60 minutes make 1 hour, 24 hours make 1 day, 7 days make 1 week, 4 weeks make 1 lunar month, 28, 29, 30 or 31 days make 1 calendar month (30 days make 1 month in computing interest), 52 weeks and 1 day, or 12 calendar months make 1 year, 365 days, 5 hours, 48 minutes and 49 seconds make 1 solar year.

WEIGHTS AND MEASURES

WEIGHTS OF CORDWOOD.

	Pounds.	Carbon.
One Cord of Hickory	4,468	100
One Cord of Hard Maple	2,864	58
One Cord of Beech	3,234	64
One Cord of Ash	3,449	79
One Cord of Birch	2,368	49
One Cord of Pitch Pine	1,903	43
One Cord of Canada Pine	1,870	42
One Cord of Yellow Oak	2,920	61
One Cord of White Oak	1,870	81
One Cord of Lombardy Poplar	1,775	41
One Cord of Red Oak	3,255	70

NUMBER OF POUNDS TO THE BUSHEL.

Legal Weight in the Different States.

STATES	Wheat.	Rye.	Oats.	Barley.	Buckwheat.	Shelled Corn.	Corn on the Cob.	Corn Meal.	Potatoes.	Sweet Potatoes.	Onions.	Beans.	Peas.	Dried Apples.	Anthracite Coal.
Arkansas	60	56	32	48	52	70	50	60	50	57	60	46	24	80	
California	65	54	32	50	40	52	50	60	50	50	60	60	24	80	
Connecticut	60	56	32	48	48	56	50	60	50	50	60	60	24	80	
Georgia	60	56	32	47	52	56	70	48	60	55	57	60	24	80	
Illinois	60	56	32	48	52	56	70	48	60	55	57	60	24	80	
Indiana	60	56	32	48	50	56	68	50	60	50	48	60	24	80	
Iowa	60	56	32	48	52	56	70	50	60	46	57	60	24	80	
Kansas	60	56	32	48	50	56	70	50	60	50	57	60	24	80	
Kentucky	60	56	32	47	55	55	70	50	60	55	57	60	24	76	
Maine	60	50	30	48	48	56	50	60	50	52	64	60	24	80	
Massachusetts	60	56	32	48	48	56	50	60	50	52	60	60	24	80	
Michigan	60	56	32	48	48	56	70	50	60	56	54	60	22	80	
Minnesota	60	56	32	48	42	56	50	60	50	50	50	60	28	80	
Missouri	60	56	22	48	52	56	50	60	50	57	60	60	24	80	
New Hampshire	60	56	32	48	50	54	50	60	50	50	60	60	24	80	
New Jersey	60	56	30	48	50	56	50	60	54	57	60	60	25	80	
New York	60	56	32	48	48	56	50	60	50	62	60	60	24	80	
North Carolina	60	56	30	48	50	54	46	50	50	50	50	60	24	80	
Ohio	60	56	33	48	50	56	70	50	60	50	50	60	22	80	
Pennsylvania	60	56	32	47	48	56	50	60	50	50	50	60	22	80	
Rhode Island	56	32	48	56	56	50	60	50	50	50	50	60	22	80	
South Carolina	60	56	33	48	56	56	70	50	60	50	57	60	26	80	
Tennessee	56	32	48	50	56	72	50	60	50	56	60	60	26	80	
Vermont	60	56	32	48	46	52	50	60	50	56	60	60	24	80	
Virginia	60	56	32	48	52	56	70	50	60	56	57	60	28	80	
Wisconsin	60	56	32	48	50	56	70	50	60	50	50	60	28	80	

CONTENTS (BOARD MEASURE).

Of One Lineal Foot of Timber.

Width. Inches.	Thickness in Inches.											
	2	3	4	5	6	7	8	9	10	11	12	13
13	3.	4.5	6.	7.5	9.	10.5	12.	13.5	15.	16.5	18.	19.5
17	2.83	4.25	5.66	7.08	8.5	9.92	11.33	12.75	14.17	15.58	17	18.42
16	2.67	4.	5.33	6.67	8.	9.33	10.67	12.	13.33	14.67	16	17.33
15	2.5	3.75	5.	6.25	7.5	8.75	10.	11.25	12.5	13.75	15	16.25
14	2.33	3.5	4.67	5.83	7.	8.17	9.33	10.5	11.67	12.83	14	15.17
13	2.17	3.25	4.33	5.42	6.5	7.58	8.67	9.75	10.83	11.92	13	14.08
12	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12	13.
11	1.83	2.75	3.67	4.58	5.5	6.42	7.33	8.25	9.17	10.08	11	12.
10	1.67	2.5	3.33	4.17	5.	5.83	6.67	7.5	8.33	9.	10	11.
9	1.5	2.25	3.	3.75	4.5	5.25	6.	6.75	7.5	8.	9	10.
8	1.33	2.	2.67	3.33	4.	4.67	5.33	6.	6.67	7.	8	9.
7	1.17	1.75	2.33	2.92	3.5	4.08	4.67	5.	5.58	6.	7	8.
6	1.	1.5	2.	2.5	3.	3.5	4.	4.5	5.	5.5	6	7.
5	.83	1.25	1.67	2.08	2.5	3.	3.5	4.	4.5	5.	5.5	6.
4	.67	1.	1.33	1.67	2.	2.33	2.67	3.	3.33	3.67	4.	4.33
3	.5	.75	1.	1.25	1.5	1.75	2.	2.25	2.5	2.75	3.	3.25
2	.33	.5	.67	.83	1.	1.17	1.33	1.5	1.67	1.83	2.	2.17

To ascertain contents of a piece of timber, find in the table the contents of one foot and multiply by the length, in feet, of the piece.

Example: What is contents (Board Measure) of a piece of timber 10 inches x 7 inches, 20 feet long?

Answer: 5.83 x 20 = 116.6 feet Board Measure.

GAUGES AND THEIR EQUIVALENT.

In Fraction of Inch, Approximately.

American Gauge No.	English Standard No.	Diameter, Fraction of Inch.	American Gauge No.	English Standard No.	Diameter, Fraction of Inch.
0000	000	$\frac{1}{16}$	11	13	$\frac{3}{16}$
1	1	$\frac{1}{8}$	12	14	$\frac{1}{4}$
2	3	$\frac{1}{4}$	13	15	$\frac{5}{16}$
3	4	$\frac{3}{8}$	14	16	$\frac{1}{2}$
4	6	$\frac{1}{2}$	15	17	$\frac{5}{8}$
5	7	$\frac{3}{4}$	16	18	$\frac{3}{4}$
6	8	$\frac{7}{8}$	17	19	$\frac{15}{16}$
7	9	$\frac{15}{16}$	18	19 $\frac{1}{2}$	$\frac{1}{2}$
8	11	$\frac{1}{8}$	19	20	$\frac{1}{4}$
9	11 $\frac{1}{2}$	$\frac{3}{8}$	20	21	$\frac{1}{8}$
10	12	$\frac{1}{16}$	25	25	$\frac{1}{16}$

WIRE GAUGES.

There are about a dozen different gauges in common use.

The following comparison of standard gauges will show that no two of them are alike.

For common practice it may be sufficiently accurate to designate the gauge. But, as in gauges made by the same person serious discrepancies often exist, where absolute accuracy is required, the only safe way is to express dimensions in parts of an inch.

COMPARISON OF WIRE GAUGE.

No. of Gauge.	Birmingham (Stub's) Dec. Parts of an Inch.	American (Brown & Sharp) Dec. Parts of an Inch.	Cleveland Rolling Mill Co. Washburn-Moen Mfg. Co.	No. of Gauge.	Birmingham (Stub's) Dec. Parts of an Inch.	American (Brown & Sharp) Dec. Parts of an Inch.	Cleveland Rolling Mill Co. Washburn-Moen Mfg. Co.
0000	.454	.460	.393	17	.058	.04525	.054
000	.425	.40964	.362	18	.049	.04030	.047
00	.380	.3648	.331	19	.042	.03589	.041
0	.340	.32495	.307	20	.035	.03196	.035
1	.300	.28930	.283	21	.032	.02846	.032
2	.284	.25763	.263	22	.028	.025347	.028
3	.259	.22942	.244	23	.025	.022571	.025
4	.238	.20431	.225	24	.022	.0201	.023
5	.220	.18194	.207	25	.020	.0179	.02
6	.203	.16202	.192	26	.018	.01594	....
7	.180	.14428	.177	27	.016	.014195	....
8	.165	.12849	.162	28	.014	.012641	....
9	.148	.11443	.148	29	.013	.011257	....
10	.134	.10189	.135	30	.012	.010025	....
11	.120	.09074	.12	31	.010	.018928	....
12	.109	.08081	.105	32	.009	.00795	....
13	.095	.07196	.092	33	.008	.00708	....
14	.083	.06408	.08	34	.007	.00663	....
15	.072	.05706	.072	35	.005	.00561	....
16	.065	.05082	.063	36	.004	.005	....

NUMBER OF TACKS IN A POUND.

Title, Ounce.	Length, Inch.	No. Per Lb.	Title, Ounce.	Length, Inch.	No. Per Lb.
1	$\frac{1}{8}$	16,000	10	$\frac{1}{8}$	1,600
1 $\frac{1}{2}$	$\frac{3}{4}$	10,666	12	$\frac{1}{4}$	1,332
2	$\frac{1}{4}$	8,000	14	$\frac{1}{8}$	1,143
2 $\frac{1}{2}$	$\frac{1}{2}$	6,400	16	$\frac{1}{16}$	1,000
3	$\frac{3}{8}$	5,332	18	$\frac{1}{16}$	888
4	$\frac{1}{2}$	4,000	20	1	800
6	$\frac{3}{4}$	2,666	22	1 $\frac{1}{8}$	727
8	$\frac{1}{2}$	2,000	24	1 $\frac{1}{4}$	666

WEIGHTS AND TABLES

ESTIMATED WEIGHT OF FLAT IRON, PER LINEAL FOOT, IN POUNDS

Width, Inches	Thickness in Inches.											
	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
$\frac{1}{16}$		.24	.32	.42	.53	.63	.74	.85	1.06	1.26	1.48	1.69
$\frac{1}{8}$		.28	.39	.53	.66	.79	.92	1.06	1.32	1.58	1.85	2.11
$\frac{3}{16}$		.32	.47	.64	.79	.95	1.11	1.27	1.58	1.90	2.21	2.54
$\frac{1}{4}$		.37	.55	.74	.92	1.11	1.29	1.48	1.84	2.21	2.59	2.96
$\frac{5}{16}$	.21	.41	.62	.83	1.04	1.25	1.46	1.67	2.08	2.50	2.92	3.33
$\frac{3}{8}$	.23	.47	.70	.94	1.17	1.41	1.64	1.87	2.34	2.81	3.28	3.75
$\frac{7}{16}$	.26	.52	.78	1.04	1.30	1.56	1.82	2.08	2.60	3.12	3.65	4.17
$\frac{1}{2}$	.29	.57	.86	1.14	1.43	1.72	2.01	2.29	2.86	3.44	4.01	4.58
$\frac{5}{8}$	.31	.62	.94	1.25	1.56	1.87	2.19	2.50	3.12	3.75	4.37	5.00
$\frac{3}{4}$	.34	.68	1.01	1.35	1.69	2.03	2.37	2.71	3.38	4.06	4.74	5.42
$\frac{7}{8}$	.36	.73	1.09	1.46	1.82	2.19	2.55	2.92	3.64	4.37	5.10	5.83
1	.39	.78	1.17	1.56	1.95	2.34	2.73	3.12	3.90	4.69	5.47	6.25
1 $\frac{1}{16}$	.42	.83	1.25	1.67	2.08	2.50	2.92	3.33	4.16	5.00	5.83	6.67
1 $\frac{1}{8}$	.47	.94	1.40	1.87	2.34	2.81	3.28	3.75	4.69	5.62	6.56	7.50
1 $\frac{1}{4}$	.52	1.04	1.56	2.09	2.60	3.12	3.65	4.17	5.21	6.25	7.29	8.33
1 $\frac{3}{8}$	.57	1.14	1.72	2.29	2.86	3.44	4.01	4.58	5.73	6.88	8.02	9.17
1 $\frac{1}{2}$	.62	1.25	1.87	2.50	3.12	3.75	4.37	5.00	6.25	7.50	8.75	10.00
1 $\frac{3}{4}$	.68	1.35	2.03	2.70	3.38	4.06	4.74	5.42	6.77	8.12	9.48	10.83
1 $\frac{7}{8}$	.73	1.46	2.19	2.91	3.65	4.37	5.10	5.83	7.29	8.75	10.21	11.67
2	.78	1.56	2.34	3.12	3.91	4.69	5.47	6.25	7.81	9.37	10.93	12.50
2 $\frac{1}{16}$	.83	1.66	2.50	3.33	4.17	5.00	5.83	6.67	8.33	10.00	11.65	13.33
2 $\frac{1}{8}$	.88	1.77	2.66	3.54	4.43	5.31	6.20	7.08	8.85	10.62	12.40	14.15
2 $\frac{1}{4}$	.94	1.87	2.81	3.75	4.69	5.62	6.56	7.50	9.37	11.25	13.12	15.00
2 $\frac{3}{8}$	.99	1.98	2.97	3.96	4.95	5.94	6.93	7.92	9.89	11.87	13.85	15.83
2 $\frac{1}{2}$	1.04	2.08	3.12	4.17	5.21	6.25	7.29	8.33	10.42	12.50	14.59	16.65
2 $\frac{3}{4}$	1.10	2.19	3.28	4.37	5.47	6.56	7.66	8.75	10.93	13.30	15.30	17.50
2 $\frac{7}{8}$	1.14	2.29	3.44	4.58	5.73	6.83	8.02	9.17	11.45	13.75	16.03	18.83
3	1.20	2.39	3.59	4.79	6.00	7.19	8.39	9.58	11.99	14.37	16.77	19.15
3 $\frac{1}{2}$	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.00	12.50	15.00	17.50	20.00

ESTIMATED WEIGHT OF SQUARE IRON, PER LINEAL FOOT

Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds
$\frac{1}{16}$	.013	$\frac{1}{8}$	2.22	$1\frac{1}{16}$	8.20	$2\frac{5}{8}$	23.10	$4\frac{1}{8}$	57.20
$\frac{1}{8}$	.053	$\frac{3}{16}$	2.58	$1\frac{1}{8}$	8.85	$2\frac{3}{4}$	25.20	$4\frac{1}{4}$	60.75
$\frac{3}{16}$	.118	$\frac{1}{4}$	2.95	$1\frac{1}{4}$	9.57	$2\frac{1}{2}$	27.50	$4\frac{3}{8}$	64.35
$\frac{1}{4}$	.210	1	3.35	$1\frac{3}{8}$	10.30	3	30.05	$4\frac{1}{2}$	68.00
$\frac{5}{16}$	.320	$1\frac{1}{16}$	3.80	$1\frac{1}{2}$	11.05	$3\frac{1}{8}$	32.75	$4\frac{7}{8}$	72.00
$\frac{3}{8}$	.474	$1\frac{1}{8}$	4.25	$1\frac{3}{4}$	11.83	$3\frac{1}{4}$	35.50	$4\frac{3}{4}$	75.65
$\frac{7}{16}$	.645	$1\frac{3}{8}$	4.73	$1\frac{7}{8}$	12.62	$3\frac{3}{8}$	38.25	$4\frac{1}{2}$	79.80
$\frac{1}{2}$	.84	$1\frac{1}{4}$	5.25	2	13.40	$3\frac{1}{2}$	41.15	5	83.80
$\frac{5}{8}$	1.06	$1\frac{3}{8}$	5.78	$2\frac{1}{8}$	15.15	$3\frac{5}{8}$	44.15	$5\frac{1}{4}$	92.50
$\frac{3}{4}$	1.31	$1\frac{7}{8}$	6.35	$2\frac{1}{4}$	17.00	$3\frac{7}{8}$	47.20	$5\frac{1}{2}$	101.00
$\frac{7}{8}$	1.59	$1\frac{15}{16}$	6.95	$2\frac{3}{8}$	18.50	4	50.25	$5\frac{3}{4}$	110.50
1	1.80	$1\frac{1}{2}$	7.55	$2\frac{1}{2}$	25.50		53.75	6	120.25

ESTIMATED WEIGHT OF ROUND IRON, PER LINEAL FOOT

Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds
$\frac{1}{16}$	.010	$\frac{1}{8}$	1.74	$1\frac{1}{16}$	6.45	$2\frac{5}{8}$	18.10	$4\frac{1}{8}$	44.80
$\frac{1}{8}$	.041	$\frac{3}{16}$	2.02	$1\frac{1}{8}$	6.98	$2\frac{3}{4}$	19.85	$4\frac{1}{4}$	47.54
$\frac{3}{16}$	.092	$\frac{1}{4}$	2.32	$1\frac{1}{4}$	7.52	$2\frac{1}{2}$	21.50	$4\frac{3}{8}$	50.33
$\frac{1}{4}$	.165	1	2.62	$1\frac{3}{8}$	8.05	3	23.70	$4\frac{1}{2}$	53.32
$\frac{5}{16}$	.257	$1\frac{1}{16}$	2.98	$1\frac{1}{2}$	8.65	$3\frac{1}{8}$	25.55	$4\frac{7}{8}$	56.34
$\frac{3}{8}$	.371	$1\frac{1}{8}$	3.34	$1\frac{3}{4}$	9.25	$3\frac{1}{4}$	27.81	$4\frac{3}{4}$	59.44
$\frac{7}{16}$	.505	$1\frac{3}{8}$	3.73	$1\frac{7}{8}$	9.90	$3\frac{3}{8}$	29.85	$4\frac{1}{2}$	62.62
$\frac{1}{2}$	.657	$1\frac{1}{4}$	4.12	2	10.55	$3\frac{1}{2}$	32.25	5	65.88
$\frac{5}{8}$	.836	$1\frac{3}{8}$	4.55	$2\frac{1}{8}$	11.90	$3\frac{5}{8}$	34.45	$5\frac{1}{4}$	72.65
$\frac{3}{4}$	1.031	$1\frac{7}{8}$	5.00	$2\frac{1}{4}$	13.30	$3\frac{7}{8}$	37.10	$5\frac{1}{2}$	79.75
$\frac{7}{8}$	1.24	$1\frac{15}{16}$	5.50	$2\frac{3}{8}$	14.75	4	39.50	$5\frac{3}{4}$	87.20
1	1.48	$1\frac{1}{2}$	5.95	$2\frac{1}{2}$	16.40		41.95	6	95.00

WEIGHTS AND TABLES

ESTIMATED WEIGHT OF FLAT STEEL, PER LINEAL FOOT, IN POUNDS

Width, Inches	Thickness in Inches										
	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1
$\frac{1}{16}$	.105	.211	.316	.422	.527	.634	.738	.....	.....	.....	.....
$\frac{1}{8}$	.132	.264	.396	.528	.66	.792	.924	1.066	.....	.....	.....
$\frac{3}{16}$	.158	.316	.474	.633	.791	.95	1.107	1.28	1.60	.....	.....
$\frac{1}{4}$	.184	.369	.553	.738	.922	1.108	1.291	1.50	1.857	2.232	.....
$\frac{5}{16}$	.211	.422	.633	.845	1.056	1.267	1.478	1.706	2.133	2.559	3.005
$\frac{3}{8}$	.237	.475	.712	.95	1.187	1.425	1.662	1.919	2.399	2.879	3.84
$\frac{7}{16}$	.264	.528	.792	1.056	1.32	1.584	1.848	2.133	2.666	3.200	4.266
$\frac{1}{2}$	.290	.58	.87	1.161	1.451	1.742	2.031	2.346	2.933	3.519	4.693
$\frac{5}{8}$	.316	.633	.949	1.266	1.582	1.9	2.215	2.560	3.199	3.840	5.119
$\frac{3}{4}$	.343	.686	1.029	1.372	1.715	2.050	2.401	2.773	3.466	4.160	5.546
$\frac{7}{8}$	.369	.739	1.108	1.479	1.848	2.218	2.587	2.986	3.733	4.479	5.973
1	.396	.792	1.188	1.584	1.98	2.376	2.772	3.151	3.940	4.737	6.313
$1\frac{1}{16}$	.422	.845	1.267	1.689	2.111	2.534	2.956	3.413	4.266	5.119	6.826
$1\frac{1}{8}$	.449	.898	1.347	1.795	2.244	2.693	3.142	3.626	4.533	5.439	7.253
$1\frac{1}{4}$	.475	.95	1.425	1.9	2.375	2.851	3.325	3.840	4.799	5.760	7.680
$1\frac{1}{8}$	.501	1.003	1.504	2.006	2.507	3.009	3.51	4.053	5.066	6.079	8.106
$1\frac{3}{8}$	.528	1.056	1.584	2.112	2.64	3.168	3.696	4.266	5.333	6.399	8.533
$1\frac{1}{2}$	.554	1.109	1.663	2.218	2.772	3.327	3.881	4.480	5.60	6.72	8.96
$1\frac{3}{4}$	.581	1.162	1.743	2.323	2.904	3.485	4.066	4.693	5.866	7.039	9.386
$1\frac{7}{8}$	.607	1.215	1.822	2.429	3.036	3.644	4.251	.....	.....	.....	.....
2	.633	1.267	1.9	2.535	3.168	3.082	4.435	5.12	6.4	7.68	10.24
$2\frac{1}{16}$	.686	1.373	2.059	2.746	3.432	4.119	4.805	5.546	6.933	8.319	11.093
$2\frac{1}{8}$	.739	1.479	2.218	2.957	3.696	4.436	5.175	5.973	7.466	8.95	11.946
$2\frac{1}{4}$	.792	1.584	2.376	3.168	3.96	4.752	5.544	6.399	7.999	9.599	12.799
$2\frac{3}{8}$	.845	1.69	2.535	3.38	4.225	5.07	5.915	6.826	8.533	10.239	13.653
$2\frac{1}{2}$	.897	1.795	2.692	3.591	4.488	5.386	6.283	7.253	9.066	10.879	14.506
$2\frac{7}{8}$	.95	1.901	2.851	3.802	4.752	5.703	6.653	7.68	9.6	11.52	15.36
3	1.003	2.006	3.009	4.013	5.016	6.019	7.022	8.106	10.133	12.159	16.213
$3\frac{1}{16}$	1.056	2.112	3.168	4.224	5.28	6.336	7.392	8.533	10.666	12.799	17.066
$3\frac{1}{8}$	1.109	2.218	3.327	4.436	5.545	6.654	7.763	8.959	11.199	13.44	17.919
$3\frac{1}{4}$	1.162	2.323	3.485	4.648	5.809	6.97	8.132	9.386	11.733	14.079	18.773
$3\frac{3}{8}$	1.214	2.429	3.643	4.858	6.072	7.287	8.501	9.813	12.266	14.719	19.626
4	1.267	2.534	3.802	5.069	6.336	7.604	8.871	10.24	12.8	15.36	20.48

ESTIMATED WEIGHT OF SQUARE STEEL, PER LINEAL FOOT

Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Pounds	.213	.479	.855	1.33	1.91	2.61	3.40	4.34	5.32	6.44	7.67
Inches	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	2 $\frac{5}{8}$	$2\frac{3}{4}$	$2\frac{7}{8}$
Pounds	9.00	10.44	11.98	13.63	15.35	17.20	19.17	21.20	23.30	25.70	27.74
Inches	3	$3\frac{1}{8}$	$3\frac{1}{4}$	$3\frac{3}{8}$	$3\frac{1}{2}$	$3\frac{5}{8}$	$3\frac{3}{4}$	4	$4\frac{1}{8}$	$4\frac{1}{4}$	5
Pounds	30.60	33.18	35.90	38.78	41.65	44.17	46.70	54.40	61.40	68.85	85.00

ESTIMATED WEIGHT OF ROUND STEEL, PER LINEAL FOOT

Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Pounds	.166	.375	.667	1.04	1.50	2.05	2.67	3.38	4.17	5.05	6.00
Inches	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	$2\frac{7}{8}$
Pounds	7.05	8.17	9.38	10.68	12.04	13.51	15.05	16.68	18.43	20.19	22.00
Inches	3	$3\frac{1}{8}$	$3\frac{1}{4}$	$3\frac{3}{8}$	$3\frac{1}{2}$	$3\frac{5}{8}$	$3\frac{3}{4}$	4	$4\frac{1}{8}$	$4\frac{1}{4}$	5
Pounds	24.00	26.12	28.20	30.45	32.70	35.12	37.54	42.71	48.22	54.06	66.75

ESTIMATED WEIGHT OF OCTAGON STEEL, PER LINEAL FOOT

Inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$
Pounds	.84	1.23	1.75	2.25	2.75	3.66	4.55	5.50	6.45	7.75	9.20
Inches	$2\frac{1}{8}$	2	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	$2\frac{7}{8}$	3	$3\frac{1}{8}$	$3\frac{1}{4}$
Pounds	10.04	11.60	13.14	14.75	16.40	17.85	19.50	21.25	22.69	25.00	25.00

WEIGHTS AND TABLES

ESTIMATED WEIGHT OF SHEET IRON AND SHEET STEEL, PER SQUARE FOOT

No. Wire Gauge.....	4	6	8	10	12	14	16	18
Approximate Thickness, Inches.....	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{1}{20}$
Black, Pounds	10.	7.50	6.87	5.63	4.37	3.12	2.50	2.
Galvanized, Ounces .....	.....	.....	.....	92.5	72.5	52.5	42.5	34.5

No. Wire Gauge.....	20	22	24	25	26	27	28	30
Approximate Thickness, Inches.....	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{1}{40}$	$\frac{7}{320}$	$\frac{3}{160}$	$\frac{11}{640}$	$\frac{1}{64}$	$\frac{1}{80}$
Black, Pounds	1.50	1.25	1.	.875	.75	.687	.625	.50
Galvanized, Ounces	26.5	22.5	18.5	16.5	14.5	13.5	12.5	10.5

WEIGHT OF SHEET ZINC

No. Zinc Gauge.....	8	4	5	6	7	8	9	10	11	12
No. Wire Gauge, Eng. Stand'd or Stubs'.....	34	33	31	30	28	27	26	25	23	22
Approximate Thickness, Inches.....	.006	.008	.010	.012	.014	.016	.018	.020	.024	.028
Approx. Weight Per Square Foot, Lbs.....	.22	.30	.37	.45	.52	.60	.67	.75	.90	1.05

WEIGHT OF SHEET COPPER

THICKNESS DETERMINED BY ENGLISH STANDARD OR STUBS' WIRE GAUGE

No. Wire Gauge.....	8	9	10	11	11½	12	12½	13	13½	14
Approximate Weight Per Square Foot, Ozs....	119	107	103	93	90	83	77	70	64	61
Approximate Weight Per Sheet, 30x60 in., Lbs.	94	83	80	73	70	65	60	55	50	47
Approximate Weight Per Sheet, 60x90 in., Lbs.	301	265	256	234	224	208	192	176	164	152

No. Wire Gauge.....	14½	15	17	17½	19	20	23	25	26
Approximate Weight Per Square Foot, Ozs....	58	52	45	39	32	26	19	16	13
Approximate Weight Per Sheet, 30x60 in., Lbs.	45½	40	35	30	25	20	15	12½	10
Approximate Weight Per Sheet, 60x90 in., Lbs.	144	128	112	96	80	64	...	...	...

WEIGHT OF SHEET BRASS

THICKNESS DETERMINED BY ENGLISH STANDARD OR STUBS' WIRE GAUGE

No. Wire Gauge.....	8	9	10	11	12	13	14	15
Approximate Weight Per Square Foot, Lbs.....	7.06	6.33	5.73	5.14	4.67	4.06	3.55	3.08

No. Wire Gauge.....	16	17	18	19	20	21	22
Approximate Weight Per Square Foot, Lbs.....	2.78	2.48	2.10	1.80	1.50	1.37	1.20

No. Wire Gauge.....	23	24	25	26	27	28	29
Approximate Weight Per Square Foot, Lbs.....	1.07	.94	.86	.77	.68	.60	.55

No. Wire Gauge.....	30	31	32	33	34	35	36
Approximate Weight Per Square Foot, Lbs.....	.51	.43	.38	.34	.30	.21	.17

WEIGHT OF CARRIAGE AND MACHINE BOLTS

WEIGHT OF CARRIAGE BOLTS, PER 100, APPROXIMATELY.

Diameter	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	Diameter
Length, Inches	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Length, Inches
1	1.6	2.8	5.2	8.2	11.5	18.2	39.5	1
1½	2.	3.4	6.2	9.9	13.5	20.7	47.8	1½
2	2.3	4.	7.3	11.1	16.3	23.3	52.4	2
2½	2.8	4.6	8.3	12.4	17.8	25.6	56.8	2½
3	3.1	5.2	9.2	14.	19.5	28.	61.	3
3½	3.6	5.9	10.1	15.3	21.3	30.3	65.	3½
4	4.	6.6	11.2	16.8	23.1	33.	69.1	4
4½		7.2	12.3	18.3	25.1	35.6	73.	4½
5		7.9	13.1	19.7	27.1	38.3	76.5	5
5½		8.6	14.	21.	29.2	41.1	80.	5½
6		9.2	15.	22.4	31.2	43.9	84.	6
6½		9.8	16.1	23.8	33.2	46.7	88.	6½
7		10.4	17.2	25.3	35.5	49.5	96.	7
7½		11.	18.	26.7	37.8	52.1	103.8	7½
8		11.7	18.9	28.4	39.	57.	112.4	8
9				31.4	43.3	62.	121.	9
10				34.5	46.	67.	129.	10
11						72.1	137.	11
12						77.2	145.	12
13						82.1	153.	13
14						87.5	170.	14
15						93.	189.	15
16						105.		16
18						116.		18
20								20

WEIGHT OF MACHINE BOLTS, SQUARE HEADS AND NUTS, PER 100, APPROXIMATELY

Diameter	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	Diameter
Length, Inches	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Length, Inches
1	3.	5.2	8.5	13.	18.2	23.	34.3	61.6	100.8	1
1¼	3.3	5.8	9.3	13.9	19.6	24.4	36.1	67.6	105.	1¼
1½	3.5	6.3	10.	14.7	20.9	26.	38.3	70.6	109.2	1½
1¾	3.8	6.7	10.8	15.5	22.2	27.4	40.5	73.6	113.4	1¾
2	4.2	7.2	11.6	16.5	23.5	29.	42.3	76.6	117.6	2
2¼	4.5	7.7	12.3	17.5	24.7	30.6	44.3	79.7	121.2	2¼
2½	4.8	8.2	13.	18.5	26.	32.2	46.3	82.1	125.9	2½
2¾	5.1	8.7	13.8	19.5	27.2	33.8	48.3	85.4	130.5	2¾
3	5.4	9.3	14.6	20.5	28.5	35.4	50.1	87.2	134.2	3
3¼	6.	10.4	16.	22.6	31.5	38.7	54.3	91.	138.8	3¼
3½	6.	11.4	17.6	24.7	34.1	42.	58.3	97.4	142.5	3½
4	6.6	12.6	19.1	26.8	36.7	45.3	62.5	103.6	146.2	4
4½	7.3	13.7	20.6	28.9	39.4	48.6	66.5	109.3	150.8	4½
5	8.	14.9	22.1	31.	42.	51.9	70.6	115.4	155.4	5
5½	8.6	16.	23.5	33.1	44.7	55.2	74.7	121.2	160.	5½
6	9.3	17.	25.	35.2	47.3	58.5	79.	127.2	164.6	6
6½		18.1	26.5	37.3	49.9	61.8	83.	133.4	169.2	6½
7		19.2	28.	39.4	52.5	65.1	87.2	139.4	173.8	7
7½		20.3	29.5	41.5	55.3	68.5	91.1	145.4	178.4	7½
8			32.5	45.7	60.5	75.2	99.	151.3	183.	8
9			35.4	49.9	65.8	81.9	107.2	157.3	188.	9
10			38.5	54.1	71.1	88.7	115.4	163.3	193.8	10
11			41.5	58.3	76.4	95.5	123.2	169.3	200.5	11
12					81.9	102.3	131.2	175.3	207.2	12
13					87.3	109.1	139.3	181.3	214.8	13
14					92.6	116.	147.4	187.3	222.4	14
15					97.9	123.	155.6	193.3	230.	15
16					103.2	130.	163.8	200.5	237.6	16
17					108.5	137.	171.8	207.2	245.2	17
18					114.	144.	180.2	214.8	252.8	18
19					119.3	151.	188.3	222.4	260.4	19
20								230.	268.	20

VALUABLE INFORMATION

HOW TO DETECT COUNTERFEIT MONEY

In the space at disposal here, it is impossible, of course, to give a complete illustrated counterfeit detector, but the following simple rules, laid down by Bank Note Examiner Geo. R. Baker, will be found extremely valuable.

Examine the form and features of all human figures; if graceful, and features distinct, examine the drapery. Notice whether the folds tie naturally, and observe whether the fine strands of the hair are plain and distinct.

Examine the lettering. In a genuine bill it is absolutely perfect. There has never been a counterfeit put out but was more or less defective in the lettering.

Counterfeiters rarely, if ever, get the imprint or engraver's name perfect. The shading in the background of the vignette and over and around the letters forming the name of the bank, on a good bill, is even and perfect, on a counterfeit it is uneven and imperfect.

The die work around the figures of the denomination should be of the same character as the ornamental work surrounding it.

Never take a bill deficient in any of these points.

DOMESTIC POSTAGE

First-Class Matter (Letters, etc.)	.....2¢ an oz.
Second-Class (Newspapers and Periodicals)	.....1¢ for 4 oz.
Third-Class (Books, Circulars)	.....1¢ for 2 oz.
Fourth-Class (Merchandise)	.....1¢ an oz.
Registration Fee (Additional Postage)	..... 8¢
Immediate Delivery Stamp (Addition to Regular Postage)	..10¢
Postal Order (\$1 to \$100)	.....3¢ to 50¢
Postal Note (\$5 or less), Each	..... 3¢

(See below for explanations and exceptions.)

First-Class Matter—Letters and all other written matter (whether sealed or not), except manuscript copy accompanying proof sheets, also all matter sealed (see below), 2 cents an ounce, excepting drop letters at non-carrier offices, 1 cent an ounce. (Postal cards 1 cent each).

Second-Class—Newspapers and periodicals, published quarterly and oftener, and not for gratuitous distribution. The general public pay by affixing stamps at rate of 1 cent for each 4 ounces or part thereof when not sealed.

Third-Class—Books (printed, not blank), circulars, other printed matter, proof sheets and manuscript copy accompanying same, valentines, sheet music, heliotypes, chromos, posters, lithographs and printed advertising matter in general, all, when not sealed, 1 cent for 2 ounces or fraction.

Fourth-Class—Merchandise and samples, including printed matter in quantity, blank books and papers, or all matter not included in any of the other classes, and not in its nature perishable or liable to injure the contents of the mail. (By express ruling the postage on seeds, cutting roots, scions and plants is at the rate of 1 cent for each two ounces.) All, when not sealed, and not exceeding 4 pounds in weight, 1 cent an ounce or fraction.

Sealing—Any matter is regarded as sealed when it is not so wrapped as to allow a thorough examination without in any way injuring the wrapper or contents. The name and address of the sender and a description of the contents can be written on the wrapper of unsealed packages, or a business card may be printed, pasted or impressed on such a wrapper.

Registration—First, third and fourth-class matter may be registered at any post office by affixing 8 cents in stamps in addition to the regular postage.

Postal Order Rates—Under \$5, 5¢; \$10, 8¢; \$15, 10¢; \$30, 12¢; \$40, 15¢; \$50, 18¢; \$60, 20¢; \$70, 25¢; \$80, 50¢; \$100, 50¢.

Postal Notes—For amounts under \$5, cost 3¢.

Postage to Canada and Mexico—Same as domestic rates excepting fourth-class matter to the amount of 4 pounds 6 ounces, with the exceptions of liquids, pastes, confections, and fatty substances, and publications, which violate any copyright law. To Canada, except sealed packages. To Mexico, except sealed packages and liquids. Com. papers to both countries at usual rates.

FOREIGN POSTAGE

Almost all the principal countries are included in the Postal Union, to which the rates are as follows: Letters, per half ounce, 5 cents; second and third-class matter, per 2 ounce, 1 cent; postal cards, 2 cents each.

The following are the only countries not in postal union, and that have special rates: Cape of Good Hope, Natal and South Africa, 10 cents per half ounce.

SHORT INTEREST RULES

To find the interest on a given sum for any number of days at any rate of interest, multiply the principal by the number of days and divide as follows:

At 3 per cent, by 120	At 9 per cent., by 40
At 4 per cent., by 90	At 10 per cent., by 36
At 5 per cent., by 72	At 12 per cent., by 30
At 6 per cent., by 60	At 15 per cent., by 24
At 7 per cent., by 52	At 20 per cent., by 18
At 8 per cent., by 45	

MILWAUKEE THE BEAUTIFUL

A FEW FACTORS THAT GIVE MILWAUKEE PRE-EMINENCE IN THE BRIGHT GALAXY OF AMERICAN CITIES,
NAME IT. MILWAUKEE MAKES IT

A MARVEL OF
INDUSTRIAL GREATNESS



A LEADER IN TRADE
AND COMMERCE

MILWAUKEE is a rapidly growing city. According to latest statistics it now has a population of 450,000 inhabitants. In ten years its increase was more than 36 per cent.

MILWAUKEE as a manufacturing center is destined to outrank all others, because of its superior location—its rail and water transportation facilities—its freedom from labor difficulties—its close proximity to the great sources of supplies—the excellence of its public utilities, including its pure and unlimited water supply.

MILWAUKEE is the greatest port of the Great Lakes, according to government statistics, in point of its registered vessel tonnage. Total arrivals for the past year aggregated more than 9,000,000 tons.

MILWAUKEE has more than twenty-five miles of improved dockage along its various rivers. By reason of there being no tunnel obstructions and their unusual depth, Milwaukee rivers permit the passage of the largest craft of the Great Lakes.

MILWAUKEE is the greatest coal distributing point of the Northwest. Coal receipts for the year aggregate 5,588,483 tons.

MILWAUKEE makes more outboard, detachable rowboat motors than any other city in the world.

MILWAUKEE tanneries are among the greatest in the world.

MILWAUKEE, according to its population, makes more candy and chocolates than any city in the United States.

MILWAUKEE has the largest general automobile accessory manufacturers in the United States.

MILWAUKEE stands as the eleventh city in the production of clothing.

MILWAUKEE leads the world in the manufacture of highest quality motorcycles, the value of the product last year being \$4,199,303.

MILWAUKEE is the largest trunk manufacturing center in the world.

MILWAUKEE is becoming famous as a manufacturing center for boots and shoes. Its twenty factories are producing an annual output of 8,000,000 pairs.

MILWAUKEE stands with the foremost cities of the United States in the percentage of its increase in building operations, due to a steady increase in the number of residences and a marked increase in the erection of large manufacturing plants.

MILWAUKEE is the second center in the United States for the manufacture and shipment of flour with an annual output aggregating nearly

MILWAUKEE is distinguished for the diversity of its manufacturing industries—in the metals, for instance, it makes everything from a steel tack to mammoth Corliss engines. The aggregate value of its manufactured product last year was \$401,440,513. The iron and steel industries of Milwaukee exceed all others, as shown by the value of the output last year. The value of the year's production (1915) for ten leading industries was as follows:

Iron, Steel and Machinery.....	\$76,092,820
Packed and Prepared Meats.....	45,266,500
Leather and Leather Products.....	42,545,500
Coal and Wood Products.....	34,763,988
Beer and Malt Tonics.....	29,747,865
Building Materials	24,625,654
Electric and Telephone Supplies....	18,737,000
Flour and Mill Products.....	14,358,127
Paints and Varnishes.....	9,200,000
Millinery and Straw Goods.....	6,821,000

Followed by eighty-five other important industries aggregating a total production of \$401,440,513 last year.

MILWAUKEE has attained mammoth proportions in its jobbing trade—valued last year at \$446,514,011, with the world for its market.

MILWAUKEE is an ideal home city, favored in situation on the shores of Lake Michigan, with delightful climate and distinguished for beautiful parks and boulevards, art galleries, museums, libraries, public and private schools, a cultured citizenship, a lack of congested tenement house districts, and the smallest percentage of crime of any city in its class in the country.

MILWAUKEE is the leading convention center of the United States. Hundreds of thousands of visitors testify to its beauties and the hospitality of its people.

MILWAUKEE is a real summer resort, with all the comforts of a large city and innumerable beauty spots for rest and recreation. A royal welcome awaits every visitor to Milwaukee. We shall be glad to supply special information concerning Milwaukee and the particular advantages it offers to manufacturers and to those in quest of an ideal place in which to locate. Write us for booklets, statistics, etc.

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